| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 1 | 200430501 | 2 | 200190498 | 1/6/05 | 6 | 9/1/04 | 38.0 | 10/5/04 | 96.0 | 11/2/04 | 142.6 | 11/30/04 | 200.2 | 12/28/04 | 254.0 | |
| 2 | 200430502 | 2 | 200190498 | 1/3/05 | 6 | 9/1/04 | 36.8 | 10/5/04 | 95.6 | 11/2/04 | 156.6 | 11/30/04 | 206.6 | 12/28/04 | 270.8 | |
| 3 | 200430503 | 2 | 200190498 | 12/13/04 | 6 | 9/1/04 | 35.8 | 10/5/04 | 94.2 | 11/2/04 | 158.0 | 11/30/04 | 226.0 | | | |
| 4 | 200430504 | 2 | 200190498 | 1/12/05 | 6 | 9/1/04 | 28.4 | 10/5/04 | 72.6 | 11/2/04 | 128.4 | 11/30/04 | 183.2 | 12/28/04 | 242.0 | |
| 5 | 200430505 | 2 | 200190498 | 2/10/05 | 8 | 9/1/04 | 32.4 | 10/5/04 | 77.8 | 11/2/04 | 123.8 | 11/30/04 | 178.6 | 12/28/04 | 223.8 | 1/25/0 |
| 6 | 200430506 | 2 | 200190498 | 1/10/05 | 6 | 9/1/04 | 34.2 | 10/5/04 | 87.4 | 11/2/04 | 140.0 | 11/30/04 | 193.8 | 12/28/04 | 248.4 | |
| 7 | 200430507 | 1 | 200190498 | 1/20/05 | 6 | 9/1/04 | 32.4 | 10/5/04 | 84.4 | 11/2/04 | 130.2 | 11/30/04 | 183.2 | 12/28/04 | 235.6 | |
| 8 | 200430508 | 1 | 200190498 | 12/13/04 | 6 | 9/1/04 | 36.4 | 10/5/04 | 96.8 | 11/2/04 | 163.4 | 11/30/04 | 234.4 | | | |
| 9 | 200430509 | 1 | 200190498 | 1/3/05 | 6 | 9/1/04 | 27.2 | 10/5/04 | 70.4 | 11/2/04 | 133.2 | 11/30/04 | 195.4 | 12/28/04 | 258.8 | |
| 10 | 200430510 | 1 | 200190498 | 12/21/04 | 6 | 9/1/04 | 36.0 | 10/5/04 | 89.8 | 11/2/04 | 145.6 | 11/30/04 | 207.6 | | | |
| 11 | 200430601 | 2 | 200390005 | 12/14/04 | 3 | 9/1/04 | 33.8 | 10/5/04 | 63.2 | 11/2/04 | 98.0 | 11/30/04 | 132.0 | | | |
| 12 | 200430602 | 2 | 200390005 | 1/20/05 | 6 | 9/1/04 | 39.8 | 10/5/04 | 91.4 | 11/2/04 | 144.8 | 11/30/04 | 197.4 | 12/28/04 | 241.0 | |
| 13 | 200430603 | 2 | 200390005 | 2/2/05 | 6 | 9/1/04 | 35.6 | 10/5/04 | 87.4 | 11/2/04 | 139.0 | 11/30/04 | 182.4 | 12/28/04 | 196.2 | 1/25/0 |
| 14 | 200430604 | 1 | 200390005 | 12/13/04 | 6 | 9/1/04 | 48.4 | 10/5/04 | 112.2 | 11/2/04 | 181.2 | 11/30/04 | 252.6 | | | |
| 15 | 200430605 | 1 | 200390005 | 12/15/04 | 6 | 9/1/04 | 41.4 | 10/5/04 | 102.0 | 11/2/04 | 163.2 | 11/30/04 | 222.2 | | | |
| 16 | 200430606 | 1 | 200390005 | 12/29/04 | 6 | 9/1/04 | 32.6 | 10/5/04 | 83.2 | 11/2/04 | 133.2 | 11/30/04 | 196.4 | | | |
| 17 | 200430607 | 1 | 200390005 | 12/15/04 | 6 | 9/1/04 | 37.8 | 10/5/04 | 104.0 | 11/2/04 | 169.4 | 11/30/04 | 230.0 | | | |
| 18 | 200430608 | 1 | 200390005 | 1/3/05 | 6 | 9/1/04 | 40.8 | 10/5/04 | 97.8 | 11/2/04 | 153.8 | 11/30/04 | 203.6 | 12/28/04 | 268.0 | |
| 19 | 200430609 | 1 | 200390005 | 12/15/04 | 6 | 9/1/04 | 37.2 | 10/5/04 | 100.6 | 11/2/04 | 155.6 | 11/30/04 | 220.0 | | | |
| 20 | 200430610 | 1 | 200390005 | 1/10/05 | 6 | 9/1/04 | 37.8 | 10/5/04 | 86.2 | 11/2/04 | 131.8 | 11/30/04 | 189.6 | 12/28/04 | 246.4 | |
| 21 | 200430611 | 1 | 200390005 | 1/12/05 | 6 | 9/1/04 | 34.8 | 10/5/04 | 92.8 | 11/2/04 | 145.4 | 11/30/04 | 198.0 | 12/28/04 | 245.4 | |
| 22 | 200430701 | 2 | 200390002 | 1/10/05 | 6 | 9/1/04 | 33.4 | 10/5/04 | 81.2 | 11/2/04 | 132.6 | 11/30/04 | 187.2 | 12/28/04 | 248.6 | |
| 23 | 200430702 | 2 | 200390002 | 1/20/05 | 6 | 9/1/04 | 35.4 | 10/5/04 | 87.8 | 11/2/04 | 146.6 | 11/30/04 | 185.2 | 12/28/04 | 231.4 | |
| 24 | 200430703 | 2 | 200390002 | 12/20/04 | 6 | 9/1/04 | 38.0 | 10/5/04 | 97.4 | 11/2/04 | 154.6 | 11/30/04 | 213.0 | | | |
| 25 | 200430704 | 2 | 200390002 | 12/27/04 | 6 | 9/1/04 | 37.2 | 10/5/04 | 94.2 | 11/2/04 | 151.0 | 11/30/04 | 209.0 | | | |
| 26 | 200430705 | 2 | 200390002 | 12/15/04 | 6 | 9/1/04 | 38.6 | 10/5/04 | 100.0 | 11/2/04 | 157.4 | 11/30/04 | 221.0 | | | |
| 27 | 200430706 | 1 | 200390002 | 12/13/04 | 6 | 9/1/04 | 40.0 | 10/5/04 | 111.8 | 11/2/04 | 177.0 | 11/30/04 | 244.2 | | | |
| 28 | 200430707 | 1 | 200390002 | 12/13/04 | 6 | 9/1/04 | 49.8 | 10/5/04 | 108.6 | 11/2/04 | 175.0 | 11/30/04 | 239.8 | | | |
| 29 | 200430708 | 1 | 200390002 | 12/15/04 | 6 | 9/1/04 | 41.0 | 10/5/04 | 96.0 | 11/2/04 | 150.4 | 11/30/04 | 220.4 | | | |
| 30 | 200430709 | 1 | 200390002 | 12/13/04 | 6 | 9/1/04 | 45.6 | 10/5/04 | 110.0 | 11/2/04 | 175.0 | 11/30/04 | 239.4 | | | |
| 31 | 200430710 | 1 | 200390002 | 12/13/04 | 6 | 9/1/04 | 44.4 | 10/5/04 | 104.4 | 11/2/04 | 171.2 | 11/30/04 | 252.2 | | | |
| 32 | 200430711 | 1 | 200390002 | 12/13/04 | 6 | 9/1/04 | 36.8 | 10/5/04 | 99.6 | 11/2/04 | 168.8 | 11/30/04 | 237.0 | | | |
| 33 | 200430801 | 2 | 200390005 | 1/20/05 | 6 | 9/1/04 | 37.6 | 10/5/04 | 90.8 | 11/2/04 | 133.4 | 11/30/04 | 179.0 | 12/28/04 | 233.8 | |
| 34 | 200430802 | 2 | 200390005 | 12/27/04 | 6 | 9/1/04 | 45.0 | 10/5/04 | 95.2 | 11/2/04 | 152.2 | 11/30/04 | 209.8 | | | |
| 35 | 200430803 | 1 | 200390005 | 12/29/04 | 6 | 9/1/04 | 35.2 | 10/5/04 | 79.4 | 11/2/04 | 137.0 | 11/30/04 | 198.6 | | | |
| 36 | 200430804 | 1 | 200390005 | 12/13/04 | 6 | 9/1/04 | 50.4 | 10/5/04 | 98.0 | 11/2/04 | 165.8 | 11/30/04 | 238.6 | | | |
| 37 | 200430805 | 1 | 200390005 | 12/13/04 | 6 | 9/1/04 | 43.6 | 10/5/04 | 93.4 | 11/2/04 | 152.8 | 11/30/04 | 231.8 | | | |
| 38 | 200430902 | 1 | 200390003 | 12/13/04 | 6 | 9/1/04 | 44.2 | 10/5/04 | 105.0 | 11/2/04 | 168.4 | 11/30/04 | 230.4 | | | |
| 39 | 200430903 | 1 | 200390003 | 12/20/04 | 6 | 9/1/04 | 43.6 | 10/5/04 | 97.6 | 11/2/04 | 153.6 | 11/30/04 | 217.0 | | | |

| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 40 | 200430905 | 1 | 200390003 | 12/13/04 | 6 | 9/1/04 | 48.8 | 10/5/04 | 113.6 | 11/2/04 | 175.2 | 11/30/04 | 239.0 | | | |
| 41 | 200430906 | 1 | 200390003 | 12/13/04 | 6 | 9/1/04 | 47.6 | 10/5/04 | 101.4 | 11/2/04 | 164.6 | 11/30/04 | 234.2 | | | |
| 42 | 200431001 | 2 | 200390002 | 11/5/04 | 3 | 9/1/04 | 45.6 | 10/5/04 | 103.4 | | | | | | | |
| 43 | 200431002 | 2 | 200390002 | 1/12/05 | 6 | 9/1/04 | 33.4 | 10/5/04 | 76.8 | 11/2/04 | 129.0 | 11/30/04 | 179.8 | 12/28/04 | 240.8 | |
| 44 | 200431003 | 2 | 200390002 | 12/20/04 | 6 | 9/1/04 | 39.8 | 10/5/04 | 93.2 | 11/2/04 | 146.2 | 11/30/04 | 210.4 | | | |
| 45 | 200431004 | 2 | 200390002 | 1/12/05 | 6 | 9/1/04 | 29.6 | 10/5/04 | 71.2 | 11/2/04 | 115.2 | 11/30/04 | 172.8 | 12/28/04 | 236.8 | |
| 46 | 200431005 | 2 | 200390002 | 1/20/05 | 6 | 9/1/04 | 35.4 | 10/5/04 | 77.4 | 11/2/04 | 128.6 | 11/30/04 | 184.6 | 12/28/04 | 233.0 | |
| 47 | 200431006 | 1 | 200390002 | 12/13/04 | 6 | 9/1/04 | 50.8 | 10/5/04 | 110.6 | 11/2/04 | 179.0 | 11/30/04 | 243.8 | | | |
| 48 | 200431007 | 1 | 200390002 | 1/3/05 | 6 | 9/1/04 | 36.0 | 10/5/04 | 82.0 | 11/2/04 | 134.8 | 11/30/04 | 189.2 | 12/28/04 | 256.2 | |
| 49 | 200431008 | 1 | 200390002 | 12/15/04 | 6 | 9/1/04 | 40.6 | 10/5/04 | 100.8 | 11/2/04 | 163.0 | 11/30/04 | 222.2 | | | |
| 50 | 200431009 | 1 | 200390002 | 12/13/04 | 6 | 9/1/04 | 46.4 | 10/5/04 | 106.4 | 11/2/04 | 171.0 | 11/30/04 | 236.8 | | | |
| 51 | 200431010 | 1 | 200390002 | 1/12/05 | 6 | 9/1/04 | 32.0 | 10/5/04 | 73.8 | 11/2/04 | 126.2 | 11/30/04 | 185.2 | 12/28/04 | 241.4 | |
| 52 | 200431011 | 1 | 200390002 | 12/20/04 | 6 | 9/1/04 | 40.6 | 10/5/04 | 100.4 | 11/2/04 | 164.6 | 11/30/04 | 222.2 | | | |
| 53 | 200431012 | 1 | 200390002 | 1/3/05 | 6 | 9/1/04 | 40.4 | 10/5/04 | 93.8 | 11/2/04 | 152.6 | 11/30/04 | 204.0 | 12/28/04 | 274.0 | |
| 54 | 200431401 | 2 | 200390005 | 12/27/04 | 6 | 9/1/04 | 41.2 | 10/5/04 | 86.0 | 11/2/04 | 135.6 | 11/30/04 | 202.6 | | | |
| 55 | 200431402 | 2 | 200390005 | 1/3/05 | 6 | 9/1/04 | 45.2 | 10/5/04 | 99.8 | 11/2/04 | 152.2 | 11/30/04 | 206.0 | 12/28/04 | 260.2 | |
| 56 | 200431403 | 2 | 200390005 | 12/27/04 | 6 | 9/1/04 | 33.4 | 10/5/04 | 78.4 | 11/2/04 | 134.2 | 11/30/04 | 199.6 | | | |
| 57 | 200431404 | 2 | 200390005 | 12/13/04 | 6 | 9/1/04 | 39.0 | 10/5/04 | 91.4 | 11/2/04 | 152.0 | 11/30/04 | 231.0 | | | |
| 58 | 200431405 | 2 | 200390005 | 12/15/04 | 6 | 9/1/04 | 43.8 | 10/5/04 | 99.4 | 11/2/04 | 150.2 | 11/30/04 | 218.2 | | | |
| 59 | 200431406 | 2 | 200390005 | 12/20/04 | 6 | 9/1/04 | 32.4 | 10/5/04 | 79.2 | 11/2/04 | 136.8 | 11/30/04 | 207.6 | | | |
| 60 | 200431407 | 2 | 200390005 | 12/15/04 | 6 | 9/1/04 | 39.8 | 10/5/04 | 101.4 | 11/2/04 | 164.2 | 11/30/04 | 226.6 | | | |
| 61 | 200431408 | 2 | 200390005 | 12/13/04 | 6 | 9/1/04 | 41.4 | 10/5/04 | 106.4 | 11/2/04 | 167.2 | 11/30/04 | 234.4 | | | |
| 62 | 200431409 | 5 | 200390005 | 1/3/05 | 6 | 9/1/04 | 46.4 | 10/5/04 | 88.2 | 11/2/04 | 153.2 | 12/7/04 | 232.4 | | | |
| 63 | 200431410 | 1 | 200390005 | 1/6/05 | 6 | 9/1/04 | 32.4 | 10/5/04 | 72.2 | 11/2/04 | 135.0 | 11/30/04 | 186.8 | 12/28/04 | 251.2 | |
| 64 | 200431411 | 1 | 200390005 | 12/13/04 | 6 | 9/1/04 | 38.6 | 10/5/04 | 93.4 | 11/2/04 | 158.0 | 11/30/04 | 226.2 | | | |
| 65 | 200431501 | 2 | 200390002 | 12/15/04 | 6 | 9/1/04 | 38.4 | 10/5/04 | 95.4 | 11/2/04 | 156.8 | 11/30/04 | 224.8 | | | |
| 66 | 200431502 | 2 | 200390002 | 12/13/04 | 6 | 9/1/04 | 46.2 | 10/5/04 | 108.2 | 11/2/04 | 166.6 | 11/30/04 | 238.8 | | | |
| 67 | 200431503 | 2 | 200390002 | 1/18/05 | 6 | 9/1/04 | 42.0 | 10/5/04 | 89.0 | 11/2/04 | 132.6 | 11/30/04 | 192.6 | 12/28/04 | 240.2 | |
| 68 | 200431504 | 1 | 200390002 | 12/15/04 | 6 | 9/1/04 | 46.2 | 10/5/04 | 100.0 | 11/2/04 | 159.0 | 11/30/04 | 220.0 | | | |
| 69 | 200431505 | 1 | 200390002 | 12/13/04 | 6 | 9/1/04 | 41.0 | 10/5/04 | 99.4 | 11/2/04 | 158.8 | 11/30/04 | 231.2 | | | |
| 70 | 200431506 | 1 | 200390002 | 1/6/05 | 6 | 9/1/04 | 44.0 | 10/5/04 | 86.8 | 11/2/04 | 136.8 | 11/30/04 | 184.6 | 12/28/04 | 249.4 | |
| 71 | 200431601 | 2 | 200390002 | 1/12/05 | 6 | 9/1/04 | 33.6 | 10/5/04 | 81.4 | 11/2/04 | 129.2 | 11/30/04 | 188.2 | 12/28/04 | 242.0 | |
| 72 | 200431602 | 2 | 200390002 | 1/20/05 | 6 | 9/1/04 | 38.0 | 10/5/04 | 92.2 | 11/2/04 | 142.8 | 11/30/04 | 194.2 | 12/28/04 | 239.6 | |
| 73 | 200431603 | 2 | 200390002 | 1/6/05 | 6 | 9/1/04 | 35.8 | 10/5/04 | 85.4 | 11/2/04 | 139.2 | 11/30/04 | 191.8 | 12/28/04 | 251.2 | |
| 74 | 200431604 | 2 | 200390002 | 12/20/04 | 6 | 9/1/04 | 36.2 | 10/5/04 | 94.6 | 11/2/04 | 155.4 | 11/30/04 | 215.4 | | | |
| 75 | 200431605 | 2 | 200390002 | 1/12/05 | 6 | 9/1/04 | 31.4 | 10/5/04 | 80.2 | 11/2/04 | 137.2 | 11/30/04 | 190.2 | 12/28/04 | 243.4 | |
| 76 | 200431606 | 1 | 200390002 | 12/15/04 | 6 | 9/1/04 | 40.8 | 10/5/04 | 96.6 | 11/2/04 | 160.6 | 11/30/04 | 224.4 | | | |
| 77 | 200431607 | 1 | 200390002 | 12/29/04 | 6 | 9/1/04 | 36.0 | 10/5/04 | 92.6 | 11/2/04 | 151.6 | 11/30/04 | 207.2 | | | |
| 78 | 200431608 | 1 | 200390002 | 12/13/04 | 6 | 9/1/04 | 45.4 | 10/5/04 | 94.4 | 11/2/04 | 162.2 | 11/30/04 | 230.4 | | | |

| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 79 | 200431610 | 1 | 200390002 | 12/20/04 | 6 | 9/1/04 | 36.0 | 10/5/04 | 91.0 | 11/2/04 | 149.6 | 11/30/04 | 212.8 | | | |
| 80 | 200431701 | 2 | 200390005 | 1/10/05 | 6 | 9/1/04 | 33.8 | 10/5/04 | 81.6 | 11/2/04 | 137.0 | 11/30/04 | 195.8 | 12/28/04 | 249.8 | |
| 81 | 200431702 | 1 | 200390005 | 1/12/05 | 6 | 9/1/04 | 36.4 | 10/5/04 | 84.0 | 11/2/04 | 136.8 | 11/30/04 | 188.2 | 12/28/04 | 245.4 | |
| 82 | 200431703 | 1 | 200390005 | 12/27/04 | 6 | 9/1/04 | 37.8 | 10/5/04 | 90.6 | 11/2/04 | 135.6 | 11/30/04 | 199.4 | | | |
| 83 | 200431704 | 1 | 200390005 | 12/27/04 | 6 | 9/1/04 | 38.0 | 10/5/04 | 93.8 | 11/2/04 | 149.4 | 11/30/04 | 208.2 | | | |
| 84 | 200431706 | 1 | 200390005 | 12/27/04 | 6 | 9/1/04 | 39.0 | 10/5/04 | 92.0 | 11/2/04 | 145.6 | 11/30/04 | 206.0 | | | |
| 85 | 200431708 | 1 | 200390005 | 1/18/05 | 6 | 9/1/04 | 27.6 | 10/5/04 | 77.4 | 11/2/04 | 119.4 | 11/30/04 | 168.6 | 12/28/04 | 232.0 | |
| 86 | 200431801 | 2 | 200398128 | 12/27/04 | 6 | 9/1/04 | 37.4 | 10/5/04 | 88.6 | 11/2/04 | 136.0 | 11/30/04 | 202.2 | | | |
| 87 | 200431802 | 2 | 200398128 | 12/15/04 | 6 | 9/1/04 | 44.0 | 10/5/04 | 96.8 | 11/2/04 | 156.2 | 11/30/04 | 222.8 | | | |
| 88 | 200431803 | 2 | 200398128 | 1/20/05 | 6 | 9/1/04 | 24.4 | 10/5/04 | 68.8 | 11/2/04 | 116.4 | 11/30/04 | 174.8 | 12/28/04 | 226.8 | |
| 89 | 200431804 | 1 | 200398128 | 2/2/05 | 6 | 9/1/04 | 28.2 | 10/5/04 | 59.6 | 11/2/04 | 104.8 | 11/30/04 | 145.0 | 12/28/04 | 169.4 | 1/25/0 |
| 90 | 200431805 | 1 | 200398128 | 12/21/04 | 6 | 9/1/04 | 32.6 | 10/5/04 | 77.8 | 11/2/04 | 142.6 | 11/30/04 | 212.0 | | | |
| 91 | 200432001 | 2 | 200390002 | 1/6/05 | 6 | 9/2/04 | 42.2 | 10/5/04 | 87.6 | 11/2/04 | 140.0 | 11/30/04 | 195.2 | 12/28/04 | 253.2 | |
| 92 | 200432002 | 2 | 200390002 | 12/29/04 | 6 | 9/2/04 | 42.6 | 10/5/04 | 86.6 | 11/2/04 | 129.4 | 11/30/04 | 195.0 | | | |
| 93 | 200432003 | 2 | 200390002 | 1/18/05 | 6 | 9/2/04 | 40.6 | 10/5/04 | 86.2 | 11/2/04 | 133.2 | 11/30/04 | 183.8 | 12/28/04 | 238.0 | |
| 94 | 200432004 | 1 | 200390002 | 12/20/04 | 6 | 9/2/04 | 45.8 | 10/5/04 | 101.8 | 11/2/04 | 158.2 | 11/30/04 | 218.4 | | | |
| 95 | 200432005 | 1 | 200390002 | 1/6/05 | 6 | 9/2/04 | 39.8 | 10/5/04 | 90.6 | 11/2/04 | 141.8 | 11/30/04 | 197.0 | | | |
| 96 | 200432006 | 1 | 200390002 | 12/29/04 | 6 | 9/2/04 | 40.4 | 10/5/04 | 97.4 | 11/2/04 | 154.0 | 11/30/04 | 208.8 | | | |
| 97 | 200432007 | 1 | 200390002 | 1/3/05 | 6 | 9/2/04 | 41.4 | 10/5/04 | 91.4 | 11/2/04 | 138.6 | 11/30/04 | 195.2 | 12/28/04 | 262.8 | |
| 98 | 200432008 | 1 | 200390002 | 1/18/05 | 6 | 9/2/04 | 30.0 | 10/5/04 | 71.0 | 11/2/04 | 124.2 | 11/30/04 | 181.4 | 12/28/04 | 236.2 | |
| 99 | 200432101 | 2 | 200390003 | 12/29/04 | 6 | 9/1/04 | 38.4 | 10/5/04 | 85.0 | 11/2/04 | 138.2 | 11/30/04 | 199.2 | | | |
| 100 | 200432102 | 2 | 200390003 | 1/6/05 | 6 | 9/1/04 | 32.4 | 10/5/04 | 87.6 | 11/2/04 | 136.6 | 11/30/04 | 190.2 | 12/28/04 | 250.4 | |
| 101 | 200432103 | 2 | 200390003 | 12/20/04 | 6 | 9/1/04 | 35.2 | 10/5/04 | 94.6 | 11/2/04 | 158.4 | 11/30/04 | 218.6 | | | |
| 102 | 200432104 | 1 | 200390003 | 1/3/05 | 6 | 9/1/04 | 34.4 | 10/5/04 | 89.8 | 11/2/04 | 146.8 | 11/30/04 | 200.8 | 12/28/04 | 261.0 | |
| 103 | 200432105 | 1 | 200390003 | 12/27/04 | 6 | 9/1/04 | 34.8 | 10/5/04 | 89.4 | 11/2/04 | 148.4 | 11/30/04 | 208.4 | | | |
| 104 | 200432106 | 1 | 200390003 | 12/20/04 | 7 | 9/1/04 | 40.0 | 10/5/04 | 94.6 | 11/2/04 | 148.8 | 11/30/04 | 213.4 | | | |
| 105 | 200432108 | 1 | 200390003 | 12/20/04 | 6 | 9/1/04 | 38.0 | 10/5/04 | 90.6 | 11/2/04 | 147.6 | 11/30/04 | 210.8 | | | |
| 106 | 200432109 | 1 | 200390003 | 1/3/05 | 7 | 9/1/04 | 32.6 | 10/5/04 | 83.4 | 11/2/04 | 140.6 | 11/30/04 | 196.0 | 12/28/04 | 257.2 | |
| 107 | 200432301 | 2 | 200390003 | 1/12/05 | 7 | 9/2/04 | 32.8 | 10/5/04 | 79.4 | 11/2/04 | 132.8 | 11/30/04 | 190.6 | 12/28/04 | 245.8 | |
| 108 | 200432302 | 2 | 200390003 | 12/29/04 | 6 | 9/2/04 | 28.6 | 10/5/04 | 74.4 | 11/2/04 | 131.2 | 11/30/04 | 196.4 | | | |
| 109 | 200432303 | 2 | 200390003 | 1/12/05 | 7 | 9/2/04 | 35.8 | 10/5/04 | 87.6 | 11/2/04 | 141.4 | 11/30/04 | 194.2 | 12/28/04 | 244.6 | |
| 110 | 200432304 | 2 | 200390003 | 1/18/05 | 6 | 9/2/04 | 37.2 | 10/5/04 | 87.8 | 11/2/04 | 144.8 | 11/30/04 | 193.0 | 12/28/04 | 240.8 | |
| 111 | 200432305 | 2 | 200390003 | 2/10/05 | 8 | 9/2/04 | 28.2 | 10/5/04 | 72.0 | 11/2/04 | 129.4 | 11/30/04 | 171.8 | 12/28/04 | 216.4 | 1/25/0 |
| 112 | 200432306 | 2 | 200390003 | 2/2/05 | 6 | 9/2/04 | 26.8 | 10/5/04 | 73.6 | 11/2/04 | 125.8 | 11/30/04 | 182.6 | 12/28/04 | 221.0 | 1/25/0 |
| 113 | 200432307 | 1 | 200390003 | 1/6/05 | 7 | 9/2/04 | 30.6 | 10/5/04 | 72.4 | 11/2/04 | 123.2 | 11/30/04 | 187.6 | 12/28/04 | 250.2 | |
| 114 | 200432308 | 1 | 200390003 | 12/20/04 | 6 | 9/2/04 | 38.6 | 10/5/04 | 85.8 | 11/2/04 | 149.0 | 11/30/04 | 214.4 | | | |
| 115 | 200432309 | 1 | 200390003 | 2/10/05 | 8 | 9/2/04 | 22.0 | 10/5/04 | 59.4 | 11/2/04 | 108.6 | 11/30/04 | 170.0 | 12/28/04 | 226.2 | |
| 116 | 200432310 | 1 | 200390003 | 12/20/04 | 6 | 9/2/04 | 34.4 | 10/5/04 | 90.6 | 11/2/04 | 153.0 | 11/30/04 | 211.6 | | | |
| 117 | 200432311 | 1 | 200390003 | 1/6/05 | 7 | 9/2/04 | 29.8 | 10/5/04 | 80.4 | 11/2/04 | 136.0 | 11/30/04 | 187.4 | 12/28/04 | 252.4 | |

| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 118 | 200432312 | 1 | 200390003 | 1/6/05 | 6 | 9/2/04 | 25.0 | 10/5/04 | 70.2 | 11/2/04 | 117.2 | 11/30/04 | 180.6 | 12/28/04 | 249.4 | |
| 119 | 200432401 | 2 | 200390002 | 1/6/05 | 6 | 9/2/04 | 33.8 | 10/5/04 | 78.2 | 11/2/04 | 130.2 | 11/30/04 | 182.8 | 12/28/04 | 248.8 | |
| 120 | 200432402 | 2 | 200390002 | 12/27/04 | 6 | 9/2/04 | 37.0 | 10/5/04 | 81.0 | 11/2/04 | 131.4 | 11/30/04 | 197.6 | | | |
| 121 | 200432403 | 2 | 200390002 | 1/12/05 | 6 | 9/2/04 | 32.8 | 10/5/04 | 73.4 | 11/2/04 | 117.6 | 11/30/04 | 176.2 | 12/28/04 | 239.8 | |
| 122 | 200432404 | 2 | 200390002 | 12/20/04 | 6 | 9/2/04 | 37.9 | 10/5/04 | 93.8 | 11/2/04 | 151.4 | 11/30/04 | 210.8 | | | |
| 123 | 200432405 | 1 | 200390002 | 12/13/04 | 6 | 9/2/04 | 43.6 | 10/5/04 | 101.8 | 11/2/04 | 157.0 | 11/30/04 | 226.6 | | | |
| 124 | 200432406 | 1 | 200390002 | 12/20/04 | 6 | 9/2/04 | 42.8 | 10/5/04 | 102.2 | 11/2/04 | 165.0 | 11/30/04 | 220.8 | | | |
| 125 | 200432407 | 1 | 200390002 | 1/10/05 | 6 | 9/2/04 | 33.8 | 10/5/04 | 80.4 | 11/2/04 | 137.6 | 11/30/04 | 191.6 | 12/28/04 | 248.4 | |
| 126 | 200432501 | 2 | 200390003 | 12/29/04 | 6 | 9/2/04 | 47.6 | 10/5/04 | 106.4 | 11/2/04 | 160.2 | 11/30/04 | 211.2 | | | |
| 127 | 200432502 | 2 | 200390003 | 1/6/05 | 7 | 9/2/04 | 41.2 | 10/5/04 | 88.4 | 11/2/04 | 138.4 | 11/30/04 | 196.8 | 12/28/04 | 255.6 | |
| 128 | 200432503 | 2 | 200390003 | 12/29/04 | 6 | 9/2/04 | 43.9 | 10/5/04 | 97.4 | 11/2/04 | 152.6 | 11/30/04 | 207.8 | | | |
| 129 | 200432504 | 2 | 200390003 | 1/6/05 | 6 | 9/2/04 | 41.0 | 10/5/04 | 91.2 | 11/2/04 | 143.0 | 11/30/04 | 197.0 | 12/28/04 | 252.0 | |
| 130 | 200432506 | 2 | 200390003 | 1/26/05 | 6 | 9/2/04 | 25.0 | 10/5/04 | 59.8 | 11/2/04 | 105.4 | 11/30/04 | 156.0 | 12/28/04 | 211.6 | |
| 131 | 200432507 | 1 | 200390003 | 1/18/05 | 6 | 9/2/04 | 39.2 | 10/5/04 | 91.6 | 11/2/04 | 143.4 | 11/30/04 | 194.2 | 12/28/04 | 243.8 | |
| 132 | 200432508 | 1 | 200390003 | 9/3/04 | 3 | 9/2/04 | 14.4 | | | | | | | | | |
| 133 | 200432601 | 2 | 200398128 | 12/21/04 | 6 | 9/2/04 | 38.6 | 10/5/04 | 84.2 | 11/2/04 | 143.8 | 11/30/04 | 207.2 | | | |
| 134 | 200432602 | 2 | 200398128 | 12/21/04 | 6 | 9/2/04 | 34.8 | 10/5/04 | 88.2 | 11/2/04 | 135.8 | 11/30/04 | 208.6 | | | |
| 135 | 200432603 | 2 | 200398128 | 1/4/05 | 4 | 9/2/04 | 39.0 | 10/5/04 | 85.0 | 11/2/04 | 143.6 | 11/30/04 | 204.2 | | | |
| 136 | 200432604 | 2 | 200398128 | 12/29/04 | 6 | 9/2/04 | 40.0 | 10/5/04 | 85.8 | 11/2/04 | 143.6 | 11/30/04 | 202.8 | | | |
| 137 | 200432605 | 2 | 200398128 | 1/14/05 | 4 | 9/2/04 | 31.6 | 10/5/04 | 74.4 | 11/2/04 | 130.4 | 11/30/04 | 190.0 | 12/28/04 | 249.8 | |
| 138 | 200432607 | 1 | 200398128 | 12/21/04 | 6 | 9/2/04 | 37.2 | 10/5/04 | 94.8 | 11/2/04 | 158.8 | 11/30/04 | 219.4 | | | |
| 139 | 200432608 | 1 | 200398128 | 1/4/05 | 4 | 9/2/04 | 32.2 | 10/5/04 | 73.2 | 11/2/04 | 134.6 | 11/30/04 | 203.2 | | | |
| 140 | 200432609 | 1 | 200398128 | 12/15/04 | 6 | 9/2/04 | 37.8 | 10/5/04 | 89.6 | 11/2/04 | 143.4 | 11/30/04 | 216.6 | | | |
| 141 | 200432610 | 1 | 200398128 | 12/21/04 | 6 | 9/2/04 | 32.0 | 10/5/04 | 82.4 | 11/2/04 | 142.8 | 11/30/04 | 210.4 | | | |
| 142 | 200432701 | 2 | 200390003 | 1/11/05 | 3 | 9/2/04 | 42.4 | 10/5/04 | 89.6 | 11/2/04 | 145.4 | 11/30/04 | 179.2 | 12/28/04 | 170.2 | |
| 143 | 200432702 | 2 | 200390003 | 12/27/04 | 6 | 9/2/04 | 37.6 | 10/5/04 | 89.0 | 11/2/04 | 149.8 | 11/30/04 | 209.6 | | | |
| 144 | 200432703 | 1 | 200390003 | 2/10/05 | 8 | 9/2/04 | 37.3 | 10/5/04 | 82.8 | 11/2/04 | 137.8 | 11/30/04 | 194.6 | 12/28/04 | 243.0 | |
| 145 | 200432704 | 1 | 200390003 | 12/20/04 | 6 | 9/2/04 | 31.8 | 10/5/04 | 87.8 | 11/2/04 | 143.0 | 11/30/04 | 208.2 | | | |
| 146 | 200432705 | 1 | 200390003 | 12/20/04 | 6 | 9/2/04 | 37.2 | 10/5/04 | 88.0 | 11/2/04 | 149.0 | 11/30/04 | 214.0 | | | |
| 147 | 200432706 | 1 | 200390003 | 12/20/04 | 6 | 9/2/04 | 38.8 | 10/5/04 | 85.0 | 11/2/04 | 147.6 | 11/30/04 | 211.0 | | | |
| 148 | 200432901 | 2 | 200395515 | 1/12/05 | 6 | 9/2/04 | 39.8 | 10/5/04 | 91.4 | 11/2/04 | 135.4 | 11/30/04 | 188.0 | 12/28/04 | 243.6 | |
| 149 | 200432902 | 2 | 200395515 | 10/20/04 | 3 | 9/2/04 | 39.0 | 10/5/04 | 87.2 | | | | | | | |
| 150 | 200432903 | 2 | 200395515 | 1/4/05 | 4 | 9/2/04 | 44.0 | 10/5/04 | 104.2 | 11/2/04 | 151.6 | 11/30/04 | 217.0 | | | |
| 151 | 200432904 | 2 | 200395515 | 1/10/05 | 6 | 9/2/04 | 35.8 | 10/5/04 | 84.6 | 11/2/04 | 134.8 | 11/30/04 | 185.8 | 12/28/04 | 247.6 | |
| 152 | 200432905 | 2 | 200395515 | 1/4/05 | 4 | 9/2/04 | 35.6 | 10/5/04 | 92.2 | 11/2/04 | 140.8 | 11/30/04 | 207.4 | | | |
| 153 | 200432906 | 2 | 200395515 | 1/10/05 | 6 | 9/2/04 | 39.0 | 10/5/04 | 84.2 | 11/2/04 | 141.4 | 11/30/04 | 190.8 | 12/28/04 | 249.2 | |
| 154 | 200432907 | 1 | 200395515 | 12/21/04 | 6 | 9/2/04 | 36.6 | 10/5/04 | 86.2 | 11/2/04 | 146.4 | 11/30/04 | 212.0 | | | |
| 155 | 200432908 | 1 | 200395515 | 1/4/05 | 4 | 9/2/04 | 43.8 | 10/5/04 | 99.2 | 11/2/04 | 155.2 | 11/30/04 | 219.6 | | | |
| 156 | 200432909 | 1 | 200395515 | 12/29/04 | 6 | 9/2/04 | 34.2 | 10/5/04 | 90.0 | 11/2/04 | 132.6 | 11/30/04 | 196.0 | | | |

| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 157 | 200432910 | 1 | 200395515 | 1/4/05 | 4 | 9/2/04 | 43.6 | 10/5/04 | 98.2 | 11/2/04 | 158.0 | 11/30/04 | 232.6 | | | |
| 158 | 200432911 | 1 | 200395515 | 12/15/04 | 6 | 9/2/04 | 37.2 | 10/5/04 | 87.0 | 11/2/04 | 146.8 | 11/30/04 | 217.8 | | | |
| 159 | 200432912 | 1 | 200395515 | 1/4/05 | 4 | 9/2/04 | 35.6 | 10/5/04 | 80.8 | 11/2/04 | 141.6 | 11/30/04 | 206.4 | | | |
| 160 | 200432913 | 1 | 200395515 | 12/21/04 | 6 | 9/2/04 | 32.6 | 10/5/04 | 79.4 | 11/2/04 | 129.4 | 11/30/04 | 200.4 | | | |
| 161 | 200433001 | 2 | 200390003 | 1/20/05 | 6 | 9/2/04 | 34.4 | 10/5/04 | 97.8 | 11/2/04 | 135.2 | 11/30/04 | 183.6 | 12/28/04 | 234.6 | |
| 162 | 200433002 | 2 | 200390003 | 1/10/05 | 6 | 9/2/04 | 32.4 | 10/5/04 | 76.4 | 11/2/04 | 127.4 | 11/30/04 | 183.4 | 12/28/04 | 244.4 | |
| 163 | 200433003 | 2 | 200390003 | 1/6/05 | 6 | 9/2/04 | 29.6 | 10/5/04 | 68.2 | 11/2/04 | 122.2 | 11/30/04 | 182.8 | 12/28/04 | 248.8 | |
| 164 | 200433004 | 1 | 200390003 | 2/10/05 | 8 | 9/2/04 | 34.6 | 10/5/04 | 83.4 | 11/2/04 | 139.6 | 11/30/04 | 186.8 | 12/28/04 | 237.4 | |
| 165 | 200433005 | 1 | 200390003 | 1/3/05 | 7 | 9/2/04 | 33.4 | 10/5/04 | 80.6 | 11/2/04 | 141.8 | 11/30/04 | 194.6 | 12/28/04 | 259.2 | |
| 166 | 200433006 | 1 | 200390003 | 1/12/05 | 7 | 9/2/04 | 28.8 | 10/5/04 | 82.0 | 11/2/04 | 136.0 | 11/30/04 | 184.8 | 12/28/04 | 242.0 | |
| 167 | 200433007 | 2 | 200390003 | 1/18/05 | 6 | 9/2/04 | 31.4 | 10/5/04 | 75.6 | 11/2/04 | 123.2 | 11/30/04 | 177.8 | 12/28/04 | 238.4 | |
| 168 | 200433008 | 1 | 200390003 | 1/12/05 | 7 | 9/2/04 | 29.0 | 10/5/04 | 80.6 | 11/2/04 | 136.8 | 11/30/04 | 192.2 | 12/28/04 | 245.6 | |
| 169 | 200433010 | 1 | 200390003 | 1/20/05 | 6 | 9/1/04 | 24.6 | 10/12/04 | 77.8 | 11/9/04 | 130.8 | 12/7/04 | 183.2 | 1/4/05 | 237.2 | |
| 170 | 200433011 | 1 | 200390003 | 1/26/05 | 6 | 9/1/04 | 18.8 | 10/12/04 | 67.8 | 11/9/04 | 108.0 | 12/7/04 | 166.8 | 1/4/05 | 221.8 | |
| 171 | 200433201 | 2 | 200390005 | 12/15/04 | 6 | 9/2/04 | 39.6 | 10/5/04 | 93.0 | 11/2/04 | 157.0 | 11/30/04 | 223.6 | | | |
| 172 | 200433202 | 2 | 200390005 | 1/10/05 | 6 | 9/2/04 | 31.2 | 10/5/04 | 70.8 | 11/2/04 | 124.4 | 11/30/04 | 181.4 | 12/28/04 | 228.2 | |
| 173 | 200433203 | 2 | 200390005 | 1/3/05 | 6 | 9/2/04 | 32.6 | 10/5/04 | 79.0 | 11/2/04 | 140.8 | 11/30/04 | 199.4 | 12/28/04 | 267.6 | |
| 174 | 200433204 | 2 | 200390005 | 1/26/05 | 6 | 9/2/04 | 27.6 | 10/5/04 | 71.6 | 11/2/04 | 122.6 | 11/30/04 | 179.0 | 12/28/04 | 224.0 | |
| 175 | 200433205 | 1 | 200390005 | 12/20/04 | 6 | 9/2/04 | 36.4 | 10/5/04 | 89.4 | 11/2/04 | 153.8 | 11/30/04 | 215.4 | | | |
| 176 | 200433206 | 1 | 200390005 | 12/27/04 | 6 | 9/2/04 | 34.2 | 10/5/04 | 83.6 | 11/2/04 | 144.4 | 11/30/04 | 204.4 | | | |
| 177 | 200433207 | 1 | 200390005 | 12/29/04 | 6 | 9/2/04 | 30.6 | 10/5/04 | 79.2 | 11/2/04 | 138.2 | 11/30/04 | 198.8 | | | |
| 178 | 200433208 | 1 | 200390005 | 1/20/05 | 6 | 9/2/04 | 31.8 | 10/5/04 | 84.4 | 11/2/04 | 135.0 | 11/30/04 | 185.4 | 12/28/04 | 232.8 | |
| 179 | 200433301 | 2 | 200190498 | 12/15/04 | 6 | 9/2/04 | 33.4 | 10/5/04 | 92.4 | 11/2/04 | 153.8 | 11/30/04 | 218.2 | | | |
| 180 | 200433302 | 2 | 200190498 | 1/18/05 | 6 | 9/2/04 | 23.4 | 10/5/04 | 83.2 | 11/2/04 | 128.8 | 11/30/04 | 190.6 | 12/28/04 | 246.6 | |
| 181 | 200433303 | 2 | 200190498 | 1/18/05 | 6 | 9/2/04 | 22.0 | 10/5/04 | 70.8 | 11/2/04 | 123.8 | 11/30/04 | 183.2 | 12/28/04 | 239.0 | |
| 182 | 200433304 | 2 | 200190498 | 2/10/05 | 8 | 9/1/04 | 18.8 | 10/12/04 | 69.4 | 11/9/04 | 115.0 | 12/7/04 | 182.6 | 1/4/05 | 232.4 | |
| 183 | 200433305 | 2 | 200190498 | 2/10/05 | 8 | 9/2/04 | 19.8 | 10/5/04 | 65.2 | 11/2/04 | 115.4 | 11/30/04 | 167.0 | 12/28/04 | 219.8 | |
| 184 | 200433306 | 1 | 200190498 | 12/21/04 | 6 | 9/2/04 | 35.2 | 10/5/04 | 87.8 | 11/2/04 | 154.4 | 11/30/04 | 215.0 | | | |
| 185 | 200433307 | 1 | 200190498 | 12/21/04 | 6 | 9/2/04 | 34.6 | 10/5/04 | 97.0 | 11/2/04 | 154.2 | 11/30/04 | 216.0 | | | |
| 186 | 200433401 | 2 | 200190498 | 1/20/05 | 6 | 9/2/04 | 31.2 | 10/5/04 | 81.6 | 11/2/04 | 130.4 | 11/30/04 | 176.2 | 12/28/04 | 228.6 | |
| 187 | 200433402 | 2 | 200190498 | 1/3/05 | 6 | 9/2/04 | 32.8 | 10/5/04 | 89.6 | 11/2/04 | 144.8 | 11/30/04 | 195.0 | 12/28/04 | 260.8 | |
| 188 | 200433403 | 2 | 200190498 | 1/3/05 | 6 | 9/2/04 | 30.0 | 10/5/04 | 82.2 | 11/2/04 | 139.0 | 11/30/04 | 193.2 | 12/28/04 | 264.4 | |
| 189 | 200433404 | 2 | 200190498 | 12/29/04 | 6 | 9/2/04 | 32.8 | 10/5/04 | 88.4 | 11/2/04 | 136.8 | 11/30/04 | 198.8 | | | |
| 190 | 200433405 | 2 | 200190498 | 12/21/04 | 6 | 9/2/04 | 33.6 | 10/5/04 | 95.4 | 11/2/04 | 146.8 | 11/30/04 | 210.0 | | | |
| 191 | 200433406 | 2 | 200190498 | 1/18/05 | 6 | 9/2/04 | 28.6 | 10/5/04 | 86.0 | 11/2/04 | 132.2 | 11/30/04 | 183.2 | 12/28/04 | 240.2 | |
| 192 | 200433407 | 2 | 200190498 | 2/10/05 | 8 | 9/1/04 | 23.2 | 10/12/04 | 74.4 | 11/9/04 | 123.6 | 12/7/04 | 174.6 | 1/4/05 | 218.2 | |
| 193 | 200433408 | 1 | 200190498 | 12/21/04 | 6 | 9/2/04 | 38.9 | 10/5/04 | 96.0 | 11/2/04 | 156.4 | 11/30/04 | 215.0 | | | |
| 194 | 200433409 | 1 | 200190498 | 12/13/04 | 6 | 9/2/04 | 44.6 | 10/5/04 | 98.4 | 11/2/04 | 164.4 | 11/30/04 | 231.0 | | | |
| 195 | 200433501 | 2 | 200190498 | 1/3/05 | 6 | 9/2/04 | 28.8 | 10/12/04 | 81.0 | 11/9/04 | 129.8 | 12/7/04 | 201.4 | | | |

| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 196 | 200433502 | 2 | 200190498 | 1/6/05 | 6 | 9/2/04 | 35.8 | 10/5/04 | 84.0 | 11/2/04 | 128.6 | 11/30/04 | 180.0 | 12/28/04 | 251.6 | |
| 197 | 200433503 | 2 | 200190498 | 1/6/05 | 6 | 9/2/04 | 26.4 | 10/5/04 | 70.8 | 11/2/04 | 121.0 | 11/30/04 | 176.8 | 12/28/04 | 246.6 | |
| 198 | 200433504 | 2 | 200190498 | 1/3/05 | 6 | 9/2/04 | 32.9 | 10/5/04 | 86.0 | 11/2/04 | 130.6 | 11/30/04 | 184.4 | 12/28/04 | 256.8 | |
| 199 | 200433505 | 2 | 200190498 | 12/21/04 | 6 | 9/2/04 | 33.9 | 10/5/04 | 93.0 | 11/2/04 | 148.6 | 11/30/04 | 215.0 | | | |
| 200 | 200433506 | 2 | 200190498 | 1/10/05 | 6 | 9/2/04 | 28.8 | 10/5/04 | 76.8 | 11/2/04 | 127.2 | 11/30/04 | 189.2 | 12/28/04 | 248.6 | |
| 201 | 200433507 | 2 | 200190498 | 1/6/05 | 6 | 9/2/04 | 25.8 | 10/5/04 | 72.8 | 11/2/04 | 120.8 | 11/30/04 | 184.8 | 12/28/04 | 252.4 | |
| 202 | 200433509 | 1 | 200190498 | 12/13/04 | 6 | 9/2/04 | 37.6 | 10/5/04 | 103.2 | 11/2/04 | 169.6 | 11/30/04 | 242.2 | | | |
| 203 | 200433510 | 1 | 200190498 | 12/13/04 | 6 | 9/2/04 | 35.4 | 10/5/04 | 96.8 | 11/2/04 | 166.6 | 11/30/04 | 243.6 | | | |
| 204 | 200433511 | 1 | 200190498 | 12/21/04 | 6 | 9/2/04 | 31.2 | 10/5/04 | 80.6 | 11/2/04 | 139.4 | 11/30/04 | 209.2 | | | |
| 205 | 200433512 | 1 | 200190498 | 12/21/04 | 6 | 9/2/04 | 30.4 | 10/5/04 | 85.2 | 11/2/04 | 146.4 | 11/30/04 | 208.6 | | | |
| 206 | 200433601 | 2 | 200390003 | 12/15/04 | 6 | 9/2/04 | 45.0 | 10/5/04 | 109.4 | 11/2/04 | 156.2 | 11/30/04 | 219.8 | | | |
| 207 | 200433602 | 2 | 200390003 | 12/27/04 | 6 | 9/2/04 | 44.0 | 10/5/04 | 106.4 | 11/2/04 | 157.8 | 11/30/04 | 213.0 | | | |
| 208 | 200433603 | 2 | 200390003 | 12/20/04 | 6 | 9/2/04 | 41.8 | 10/5/04 | 100.8 | 11/2/04 | 157.8 | 11/30/04 | 215.6 | | | |
| 209 | 200433604 | 2 | 200390003 | 12/29/04 | 6 | 9/2/04 | 36.8 | 10/5/04 | 100.8 | 11/2/04 | 145.6 | 11/30/04 | 204.6 | | | |
| 210 | 200433605 | 1 | 200390003 | 12/13/04 | 6 | 9/2/04 | 51.0 | 10/5/04 | 111.4 | 11/2/04 | 174.6 | 11/30/04 | 238.4 | | | |
| 211 | 200433701 | 2 | 200390007 | 1/3/05 | 7 | 9/2/04 | 35.0 | 10/5/04 | 89.8 | 11/2/04 | 141.2 | 11/30/04 | 196.4 | 12/28/04 | 260.0 | |
| 212 | 200433702 | 2 | 200390007 | 12/20/04 | 7 | 9/2/04 | 38.4 | 10/5/04 | 91.2 | 11/2/04 | 151.6 | 11/30/04 | 215.6 | | | |
| 213 | 200433703 | 2 | 200390007 | 12/29/04 | 7 | 9/2/04 | 38.6 | 10/5/04 | 95.6 | 11/2/04 | 148.2 | 11/30/04 | 205.6 | | | |
| 214 | 200433704 | 2 | 200390007 | 12/29/04 | 7 | 9/2/04 | 36.8 | 10/5/04 | 89.4 | 11/2/04 | 146.4 | 11/30/04 | 204.6 | | | |
| 215 | 200433705 | 2 | 200390007 | 2/10/05 | 8 | 9/2/04 | 34.6 | 10/5/04 | 80.8 | 11/2/04 | 130.2 | 11/30/04 | 178.2 | 12/28/04 | 223.6 | 1/25/0 |
| 216 | 200433706 | 2 | 200390007 | 1/12/05 | 7 | 9/2/04 | 34.8 | 10/5/04 | 85.0 | 11/2/04 | 134.4 | 11/30/04 | 183.0 | 12/28/04 | 243.4 | |
| 217 | 200433707 | 2 | 200390007 | 1/20/05 | 7 | 9/2/04 | 34.0 | 10/5/04 | 81.2 | 11/2/04 | 131.0 | 11/30/04 | 190.0 | 12/28/04 | 241.8 | |
| 218 | 200433708 | 2 | 200390007 | 2/2/05 | 6 | 9/2/04 | 30.2 | 10/5/04 | 69.4 | 11/2/04 | 98.6 | 11/30/04 | 143.0 | 12/28/04 | 189.2 | 1/25/0 |
| 219 | 200433709 | 2 | 200390007 | 1/18/05 | 6 | 9/2/04 | 32.2 | 10/5/04 | 75.8 | 11/2/04 | 124.6 | 11/30/04 | 179.2 | 12/28/04 | 238.0 | |
| 220 | 200433710 | 1 | 200390007 | 12/29/04 | 6 | 9/2/04 | 39.0 | 10/5/04 | 92.4 | 11/2/04 | 151.8 | 11/30/04 | 206.6 | | | |
| 221 | 200433711 | 1 | 200390007 | 12/20/04 | 6 | 9/2/04 | 35.8 | 10/5/04 | 90.4 | 11/2/04 | 147.8 | 11/30/04 | 210.8 | | | |
| 222 | 200433712 | 1 | 200390007 | 1/3/05 | 6 | 9/2/04 | 35.6 | 10/5/04 | 90.0 | 11/2/04 | 139.6 | 11/30/04 | 195.8 | 12/28/04 | 260.6 | |
| 223 | 200433801 | 2 | 200390007 | 1/20/05 | 6 | 9/2/04 | 43.0 | 10/5/04 | 102.2 | 11/2/04 | 156.8 | 11/30/04 | 191.2 | 12/28/04 | 236.0 | |
| 224 | 200433802 | 2 | 200390007 | 1/20/05 | 6 | 9/2/04 | 33.4 | 10/5/04 | 75.2 | 11/2/04 | 126.8 | 11/30/04 | 182.8 | 12/28/04 | 234.0 | |
| 225 | 200433803 | 2 | 200390007 | 12/27/04 | 6 | 9/2/04 | 37.6 | 10/5/04 | 91.0 | 11/2/04 | 148.0 | 11/30/04 | 206.8 | | | |
| 226 | 200433804 | 2 | 200390007 | 12/29/04 | 6 | 9/2/04 | 37.4 | 10/5/04 | 91.4 | 11/2/04 | 145.6 | 11/30/04 | 203.6 | | | |
| 227 | 200433806 | 1 | 200390007 | 1/3/05 | 6 | 9/2/04 | 35.4 | 10/5/04 | 61.6 | 11/2/04 | 112.8 | 11/30/04 | 178.6 | 12/28/04 | 254.8 | |
| 228 | 200433807 | 1 | 200390007 | 12/13/04 | 6 | 9/2/04 | 47.6 | 10/5/04 | 103.8 | 11/2/04 | 170.6 | 11/30/04 | 234.2 | | | |
| 229 | 200433808 | 1 | 200390007 | 12/29/04 | 6 | 9/2/04 | 39.8 | 10/5/04 | 73.6 | 11/2/04 | 119.0 | 11/30/04 | 189.4 | | | |
| 230 | 200433809 | 1 | 200390007 | 12/27/04 | 6 | 9/2/04 | 28.2 | 10/5/04 | 80.4 | 11/2/04 | 144.2 | 11/30/04 | 207.2 | | | |
| 231 | 200434001 | 2 | 200398128 | 12/15/04 | 6 | 9/2/04 | 36.6 | 10/5/04 | 89.0 | 11/2/04 | 145.4 | 11/30/04 | 215.0 | | | |
| 232 | 200434002 | 2 | 200398128 | 1/4/05 | 4 | 9/2/04 | 42.6 | 10/5/04 | 89.0 | 11/2/04 | 150.2 | 11/30/04 | 214.4 | | | |
| 233 | 200434003 | 2 | 200398128 | 12/21/04 | 6 | 9/2/04 | 35.0 | 10/12/04 | 93.4 | 11/9/04 | 149.2 | 12/7/04 | 217.8 | | | |
| 234 | 200434004 | 2 | 200398128 | 12/29/04 | 6 | 9/2/04 | 40.0 | 10/12/04 | 102.4 | 11/9/04 | 160.4 | 12/7/04 | 219.0 | | | |

| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 235 | 200434005 | 2 | 200398128 | 12/21/04 | 6 | 9/2/04 | 32.4 | 10/12/04 | 99.0 | 11/9/04 | 156.0 | 12/7/04 | 221.8 | | | |
| 236 | 200434006 | 1 | 200398128 | 1/12/05 | 6 | 9/2/04 | 34.2 | 10/5/04 | 71.4 | 11/2/04 | 126.0 | 11/30/04 | 187.6 | 12/28/04 | 245.2 | |
| 237 | 200434007 | 1 | 200398128 | 12/27/04 | 6 | 9/2/04 | 35.0 | 10/5/04 | 88.2 | 11/2/04 | 135.8 | 11/30/04 | 201.8 | | | |
| 238 | 200434008 | 1 | 200398128 | 1/6/05 | 6 | 9/2/04 | 40.4 | 10/5/04 | 84.8 | 11/2/04 | 132.6 | 11/30/04 | 192.0 | 12/28/04 | 253.8 | |
| 239 | 200434009 | 1 | 200398128 | 1/3/05 | 6 | 9/2/04 | 37.6 | 10/5/04 | 71.2 | 11/2/04 | 117.0 | 11/30/04 | 181.8 | 12/28/04 | 254.2 | |
| 240 | 200434101 | 2 | 200390003 | 1/18/05 | 6 | 9/2/04 | 22.0 | 10/5/04 | 68.2 | 11/2/04 | 120.4 | 11/30/04 | 175.2 | 12/28/04 | 233.2 | |
| 241 | 200434102 | 2 | 200390003 | 2/2/05 | 6 | 9/2/04 | 25.4 | 10/5/04 | 71.0 | 11/2/04 | 115.8 | 11/30/04 | 166.6 | 12/28/04 | 209.8 | 1/25/0 |
| 242 | 200434103 | 2 | 200390003 | 2/10/05 | 8 | 9/2/04 | 20.8 | 10/5/04 | 63.4 | 11/2/04 | 106.6 | 11/30/04 | 146.6 | 12/28/04 | 200.4 | 1/25/0 |
| 243 | 200434104 | 2 | 200390003 | 1/20/05 | 6 | 9/2/04 | 29.4 | 10/5/04 | 79.8 | 11/2/04 | 132.6 | 11/30/04 | 179.2 | 12/28/04 | 230.8 | |
| 244 | 200434105 | 2 | 200390003 | 2/2/05 | 6 | 9/2/04 | 27.0 | 10/5/04 | 66.0 | 11/2/04 | 114.0 | 11/30/04 | 161.0 | 12/28/04 | 207.8 | 1/25/0 |
| 245 | 200434106 | 1 | 200390003 | 1/12/05 | 7 | 9/2/04 | 30.6 | 10/5/04 | 73.6 | 11/2/04 | 123.4 | 11/30/04 | 183.6 | 12/28/04 | 242.6 | |
| 246 | 200434107 | 1 | 200390003 | 1/20/05 | 6 | 9/2/04 | 27.9 | 10/5/04 | 72.8 | 11/2/04 | 117.0 | 11/30/04 | 170.0 | 12/28/04 | 224.6 | |
| 247 | 200434108 | 1 | 200390003 | 1/12/05 | 7 | 9/2/04 | 21.4 | 10/5/04 | 64.2 | 11/2/04 | 113.0 | 11/30/04 | 173.8 | 12/28/04 | 237.8 | |
| 248 | 200434109 | 1 | 200390003 | 1/20/05 | 6 | 9/2/04 | 30.9 | 10/5/04 | 79.4 | 11/2/04 | 131.4 | 11/30/04 | 173.8 | 12/28/04 | 226.2 | |
| 249 | 200434110 | 1 | 200390003 | 1/12/05 | 7 | 9/2/04 | 27.2 | 10/5/04 | 73.2 | 11/2/04 | 133.0 | 11/30/04 | 188.6 | 12/28/04 | 243.0 | |
| 250 | 200434111 | 1 | 200390003 | 1/26/05 | 6 | 9/2/04 | 25.4 | 10/5/04 | 62.2 | 11/2/04 | 102.8 | 11/30/04 | 162.0 | 12/28/04 | 217.4 | |
| 251 | 200434112 | 1 | 200390003 | 1/26/05 | 7 | 9/2/04 | 22.2 | 10/5/04 | 61.8 | 11/2/04 | 106.6 | 11/30/04 | 164.2 | 12/28/04 | 222.6 | |
| 252 | 200434113 | 1 | 200390003 | 1/26/05 | 6 | 9/1/04 | 16.2 | 10/12/04 | 63.4 | 11/9/04 | 100.8 | 12/7/04 | 162.8 | 1/4/05 | 222.0 | |
| 253 | 200434114 | 1 | 200390003 | 1/26/05 | 7 | 9/2/04 | 20.2 | 10/5/04 | 57.6 | 11/2/04 | 94.4 | 11/30/04 | 144.4 | 12/28/04 | 202.6 | |
| 254 | 200434201 | 2 | 200398128 | 12/29/04 | 6 | 9/1/04 | 23.6 | 10/12/04 | 91.4 | 11/9/04 | 138.4 | 12/7/04 | 207.4 | | | |
| 255 | 200434202 | 1 | 200398128 | 12/15/04 | 6 | 9/2/04 | 36.4 | 10/5/04 | 88.4 | 11/2/04 | 145.2 | 11/30/04 | 219.8 | | | |
| 256 | 200434203 | 1 | 200398128 | 12/21/04 | 6 | 9/2/04 | 27.4 | 10/5/04 | 75.6 | 11/2/04 | 132.2 | 11/30/04 | 205.2 | | | |
| 257 | 200434204 | 1 | 200398128 | 11/5/04 | 3 | 9/2/04 | 26.6 | 10/5/04 | 58.4 | 11/2/04 | 100.4 | | | | | |
| 258 | 200434205 | 1 | 200398128 | 1/4/05 | 4 | 9/2/04 | 33.6 | 10/5/04 | 83.6 | 11/2/04 | 124.6 | 11/30/04 | 193.2 | | | |
| 259 | 200434206 | 1 | 200398128 | 12/21/04 | 6 | 9/2/04 | 36.2 | 10/5/04 | 93.6 | 11/2/04 | 139.0 | 11/30/04 | 209.6 | | | |
| 260 | 200434207 | 1 | 200398128 | 1/4/05 | 4 | 9/2/04 | 30.6 | 10/5/04 | 84.6 | 11/2/04 | 136.0 | 11/30/04 | 205.6 | | | |
| 261 | 200434208 | 1 | 200398128 | 1/14/05 | 4 | 9/2/04 | 35.2 | 10/5/04 | 79.2 | 11/2/04 | 118.4 | 11/30/04 | 179.4 | 12/28/04 | 242.8 | |
| 262 | 200434209 | 1 | 200398128 | 1/14/05 | 4 | 9/2/04 | 23.6 | 10/5/04 | 71.8 | 11/2/04 | 109.0 | 11/30/04 | 170.6 | 12/28/04 | 237.2 | |
| 263 | 200434210 | 1 | 200398128 | 1/4/05 | 4 | 9/2/04 | 28.0 | 10/5/04 | 78.6 | 11/2/04 | 124.8 | 11/30/04 | 191.4 | 12/28/04 | 261.8 | |
| 264 | 200434301 | 2 | 200395515 | 12/15/04 | 6 | 9/2/04 | 41.2 | 10/5/04 | 92.0 | 11/2/04 | 150.8 | 11/30/04 | 217.6 | | | |
| 265 | 200434302 | 2 | 200395515 | 1/10/05 | 6 | 9/2/04 | 31.6 | 10/5/04 | 80.0 | 11/2/04 | 128.0 | 11/30/04 | 192.8 | 12/28/04 | 250.6 | |
| 266 | 200434303 | 2 | 200395515 | 1/6/05 | 6 | 9/2/04 | 30.4 | 10/5/04 | 78.2 | 11/2/04 | 117.6 | 11/30/04 | 185.0 | | | |
| 267 | 200434304 | 1 | 200395515 | 1/12/05 | 6 | 9/2/04 | 29.8 | 10/5/04 | 65.4 | 11/2/04 | 106.8 | 11/30/04 | 179.8 | 12/28/04 | 240.4 | |
| 268 | 200434305 | 1 | 200395515 | 1/4/05 | 4 | 9/2/04 | 41.4 | 10/5/04 | 96.6 | 11/2/04 | 146.0 | 11/30/04 | 210.2 | | | |
| 269 | 200434306 | 1 | 200395515 | 1/6/05 | 6 | 9/2/04 | 32.0 | 10/5/04 | 79.6 | 11/2/04 | 121.0 | 11/30/04 | 177.6 | 12/28/04 | 246.8 | |
| 270 | 200434308 | 1 | 200395515 | 1/4/05 | 4 | 9/2/04 | 30.2 | 10/5/04 | 85.0 | 11/2/04 | 126.8 | 11/30/04 | 197.2 | | | |
| 271 | 200434309 | 1 | 200395515 | 1/4/05 | 4 | 9/2/04 | 28.6 | 10/5/04 | 82.0 | 11/2/04 | 129.2 | 11/30/04 | 203.6 | | | |
| 272 | 200434310 | 1 | 200395515 | 12/29/04 | 6 | 9/2/04 | 28.4 | 10/5/04 | 73.4 | 11/2/04 | 134.0 | 11/30/04 | 197.2 | | | |
| 273 | 200434401 | 2 | 200390005 | 12/20/04 | 6 | 9/2/04 | 36.0 | 10/12/04 | 96.0 | 11/9/04 | 157.8 | 12/7/04 | 227.0 | | | |

| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 274 | 200434402 | 2 | 200390005 | 12/20/04 | 6 | 9/2/04 | 37.8 | 10/12/04 | 106.2 | 11/9/04 | 168.6 | 12/7/04 | 231.6 | | | |
| 275 | 200434403 | 1 | 200390005 | 12/20/04 | 6 | 9/2/04 | 36.0 | 10/5/04 | 78.2 | 11/2/04 | 143.8 | 11/30/04 | 209.8 | | | |
| 276 | 200434501 | 2 | 200390003 | 1/10/05 | 6 | 9/7/04 | 34.8 | 10/12/04 | 83.6 | 11/9/04 | 133.0 | 12/7/04 | 194.2 | 1/4/05 | 263.2 | |
| 277 | 200434502 | 2 | 200390003 | 1/12/05 | 6 | 9/7/04 | 34.6 | 10/12/04 | 84.2 | 11/9/04 | 136.0 | 12/7/04 | 192.0 | 1/4/05 | 254.6 | |
| 278 | 200434503 | 2 | 200390003 | 1/10/05 | 6 | 9/7/04 | 34.4 | 10/12/04 | 84.2 | 11/9/04 | 137.4 | 12/7/04 | 197.0 | 1/4/05 | 265.2 | |
| 279 | 200434504 | 2 | 200390003 | 1/10/05 | 6 | 9/7/04 | 41.2 | 10/12/04 | 94.8 | 11/9/04 | 147.4 | 12/7/04 | 203.2 | 1/4/05 | 273.4 | |
| 280 | 200434506 | 1 | 200390003 | 1/12/05 | 7 | 9/7/04 | 39.2 | 10/5/04 | 76.2 | 11/2/04 | 128.4 | 11/30/04 | 183.8 | 12/28/04 | 243.8 | |
| 281 | 200434507 | 1 | 200390003 | 12/15/04 | 6 | 9/7/04 | 46.2 | 10/5/04 | 94.4 | 11/2/04 | 158.8 | 11/30/04 | 222.6 | | | |
| 282 | 200434508 | 1 | 200390003 | 12/20/04 | 7 | 9/7/04 | 39.2 | 10/5/04 | 78.0 | 11/2/04 | 136.2 | 11/30/04 | 205.4 | | | |
| 283 | 200434509 | 1 | 200390003 | 1/10/05 | 6 | 9/7/04 | 30.8 | 10/5/04 | 68.8 | 11/2/04 | 113.2 | 11/30/04 | 174.6 | 12/28/04 | 244.0 | |
| 284 | 200434510 | 1 | 200390003 | 1/3/05 | 7 | 9/7/04 | 39.0 | 10/5/04 | 83.4 | 11/2/04 | 142.0 | 11/30/04 | 197.4 | 12/28/04 | 262.2 | |
| 285 | 200434511 | 1 | 200390003 | 1/12/05 | 6 | 9/7/04 | 39.2 | 10/5/04 | 87.2 | 11/2/04 | 143.0 | 11/30/04 | 193.0 | 12/28/04 | 246.2 | |
| 286 | 200434512 | 1 | 200390003 | 12/20/04 | 6 | 9/7/04 | 37.0 | 10/5/04 | 80.0 | 11/2/04 | 131.4 | 11/30/04 | 203.2 | | | |
| 287 | 200434601 | 2 | 200390002 | 12/20/04 | 6 | 9/7/04 | 42.2 | 10/12/04 | 100.4 | 11/9/04 | 158.0 | 12/7/04 | 228.4 | | | |
| 288 | 200434602 | 2 | 200390002 | 1/20/05 | 6 | 9/7/04 | 38.2 | 10/12/04 | 81.4 | 11/9/04 | 130.6 | 12/7/04 | 187.0 | 1/4/05 | 242.0 | |
| 289 | 200434603 | 2 | 200390002 | 1/26/05 | 6 | 9/7/04 | 29.0 | 10/12/04 | 72.0 | 11/9/04 | 113.0 | 12/7/04 | 158.2 | 1/4/05 | 218.0 | |
| 290 | 200434604 | 2 | 200390002 | 2/2/05 | 6 | 9/7/04 | 33.8 | 10/12/04 | 75.2 | 11/9/04 | 113.8 | 12/7/04 | 163.0 | 1/4/05 | 214.0 | 1/25/0 |
| 291 | 200434605 | 2 | 200390002 | 1/26/05 | 6 | 9/7/04 | 31.8 | 10/12/04 | 80.0 | 11/9/04 | 131.4 | 12/7/04 | 185.8 | 1/4/05 | 237.4 | |
| 292 | 200434606 | 2 | 200390002 | 1/18/05 | 6 | 9/7/04 | 32.4 | 10/12/04 | 79.8 | 11/9/04 | 133.8 | 12/7/04 | 184.8 | 1/4/05 | 247.4 | |
| 293 | 200434607 | 1 | 200390002 | 1/10/05 | 6 | 9/7/04 | 29.0 | 10/5/04 | 63.8 | 11/2/04 | 111.8 | 11/30/04 | 178.6 | 12/28/04 | 244.0 | |
| 294 | 200434608 | 1 | 200390002 | 1/3/05 | 6 | 9/7/04 | 33.2 | 10/5/04 | 70.4 | 11/2/04 | 122.8 | 11/30/04 | 185.4 | 12/28/04 | 256.6 | |
| 295 | 200434801 | 2 | 200395515 | 1/4/05 | 4 | 9/7/04 | 45.0 | 10/12/04 | 102.4 | 11/9/04 | 162.0 | 12/7/04 | 217.8 | | | |
| 296 | 200434802 | 2 | 200395515 | 12/29/04 | 6 | 9/7/04 | 36.6 | 10/12/04 | 87.6 | 11/9/04 | 143.8 | 12/7/04 | 211.6 | | | |
| 297 | 200434803 | 2 | 200395515 | 1/10/05 | 6 | 9/7/04 | 42.2 | 10/12/04 | 88.6 | 11/9/04 | 138.8 | 12/7/04 | 201.4 | 1/4/05 | 267.0 | |
| 298 | 200434804 | 2 | 200395515 | 1/10/05 | 6 | 9/7/04 | 38.8 | 10/12/04 | 92.8 | 11/9/04 | 148.4 | 12/7/04 | 203.4 | 1/4/05 | 264.2 | |
| 299 | 200434805 | 2 | 200395515 | 1/20/05 | 6 | 9/7/04 | 31.0 | 10/12/04 | 77.6 | 11/9/04 | 130.8 | 12/7/04 | 178.6 | 1/4/05 | 235.4 | |
| 300 | 200434806 | 1 | 200395515 | 12/21/04 | 6 | 9/7/04 | 40.8 | 10/5/04 | 83.0 | 11/2/04 | 143.2 | 11/30/04 | 208.0 | | | |
| 301 | 200434807 | 1 | 200395515 | 12/21/04 | 6 | 9/7/04 | 43.6 | 10/5/04 | 87.0 | 11/2/04 | 146.6 | 11/30/04 | 213.6 | | | |
| 302 | 200434808 | 1 | 200395515 | 12/21/04 | 6 | 9/7/04 | 44.0 | 10/12/04 | 105.2 | 11/9/04 | 170.6 | 12/7/04 | 229.2 | | | |
| 303 | 200434809 | 1 | 200395515 | 12/27/04 | 6 | 9/7/04 | 37.4 | 10/12/04 | 92.8 | 11/9/04 | 154.2 | 12/7/04 | 219.2 | | | |
| 304 | 200434901 | 2 | 200398128 | 12/21/04 | 6 | 9/7/04 | 37.2 | 10/12/04 | 101.4 | 11/9/04 | 155.4 | 12/7/04 | 222.6 | | | |
| 305 | 200434902 | 2 | 200398128 | 12/27/04 | 6 | 9/7/04 | 43.4 | 10/12/04 | 97.8 | 11/9/04 | 156.8 | 12/7/04 | 219.4 | | | |
| 306 | 200434903 | 2 | 200398128 | 1/10/05 | 6 | 9/7/04 | 38.6 | 10/12/04 | 93.6 | 11/9/04 | 151.4 | 12/7/04 | 198.0 | 1/4/05 | 261.6 | |
| 307 | 200434904 | 2 | 200398128 | 1/10/05 | 6 | 9/7/04 | 35.0 | 10/12/04 | 89.8 | 11/9/04 | 140.4 | 12/7/04 | 200.0 | 1/4/05 | 259.4 | |
| 308 | 200434905 | 1 | 200398128 | 1/10/05 | 6 | 9/7/04 | 41.2 | 10/12/04 | 98.4 | 11/9/04 | 153.2 | 12/7/04 | 206.4 | 1/4/05 | 267.4 | |
| 309 | 200435301 | 2 | 200190498 | 1/6/05 | 6 | 9/7/04 | 43.4 | 10/12/04 | 92.2 | 11/9/04 | 155.2 | 12/7/04 | 210.6 | | | |
| 310 | 200435302 | 2 | 200190498 | 12/21/04 | 6 | 9/7/04 | 38.2 | 10/12/04 | 99.0 | 11/9/04 | 158.2 | 12/7/04 | 222.8 | | | |
| 311 | 200435303 | 2 | 200190498 | 12/15/04 | 6 | 9/7/04 | 40.0 | 10/12/04 | 98.8 | 11/9/04 | 162.2 | 12/7/04 | 233.6 | | | |
| 312 | 200435304 | 2 | 200190498 | 1/20/05 | 6 | 9/7/04 | 29.2 | 10/12/04 | 76.8 | 11/9/04 | 137.2 | 12/7/04 | 183.0 | 1/4/05 | 243.2 | |

| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 313 | 200435305 | 1 | 200190498 | 1/6/05 | 6 | 9/7/04 | 33.8 | 10/12/04 | 85.6 | 11/9/04 | 152.2 | 12/7/04 | 211.0 | | | |
| 314 | 200435306 | 1 | 200190498 | 12/29/04 | 6 | 9/7/04 | 38.2 | 10/12/04 | 93.2 | 11/9/04 | 157.0 | 12/7/04 | 217.2 | | | |
| 315 | 200435307 | 1 | 200190498 | 1/20/05 | 6 | 9/7/04 | 39.6 | 10/12/04 | 100.4 | 11/9/04 | 167.0 | 12/7/04 | 183.0 | 1/4/05 | 242.2 | |
| 316 | 200435308 | 1 | 200190498 | 12/27/04 | 6 | 9/7/04 | 41.0 | 10/12/04 | 98.4 | 11/9/04 | 164.4 | 12/7/04 | 223.2 | | | |
| 317 | 200435309 | 1 | 200190498 | 12/13/04 | 6 | 9/7/04 | 45.8 | 10/12/04 | 115.0 | 11/9/04 | 191.4 | 12/7/04 | 266.8 | | | |
| 318 | 200435310 | 1 | 200190498 | 1/10/05 | 6 | 9/7/04 | 30.0 | 10/12/04 | 79.2 | 11/9/04 | 145.2 | 12/7/04 | 203.0 | 1/4/05 | 267.0 | |
| 319 | 200435311 | 1 | 200190498 | 12/21/04 | 6 | 9/7/04 | 37.4 | 10/12/04 | 96.6 | 11/9/04 | 165.4 | 12/7/04 | 228.6 | | | |
| 320 | 200435401 | 2 | 200395515 | 12/29/04 | 6 | 9/7/04 | 36.2 | 10/12/04 | 91.6 | 11/9/04 | 147.6 | 12/7/04 | 212.8 | | | |
| 321 | 200435402 | 2 | 200395515 | 12/29/04 | 6 | 9/7/04 | 33.6 | 10/12/04 | 88.4 | 11/9/04 | 142.4 | 12/7/04 | 210.6 | | | |
| 322 | 200435403 | 2 | 200395515 | 1/10/05 | 6 | 9/7/04 | 40.4 | 10/12/04 | 88.8 | 11/9/04 | 144.4 | 12/7/04 | 203.8 | 1/4/05 | 264.4 | |
| 323 | 200435404 | 2 | 200395515 | 12/21/04 | 6 | 9/7/04 | 45.8 | 10/12/04 | 104.6 | 11/9/04 | 164.0 | 12/7/04 | 224.8 | | | |
| 324 | 200435405 | 2 | 200395515 | 1/10/05 | 6 | 9/7/04 | 37.2 | 10/12/04 | 91.2 | 11/9/04 | 141.2 | 12/7/04 | 202.8 | 1/4/05 | 259.8 | |
| 325 | 200435407 | 1 | 200395515 | 12/21/04 | 6 | 9/7/04 | 44.6 | 10/12/04 | 102.6 | 11/9/04 | 166.2 | 12/7/04 | 230.8 | | | |
| 326 | 200435408 | 1 | 200395515 | 1/4/05 | 4 | 9/7/04 | 43.0 | 10/12/04 | 105.6 | 11/9/04 | 175.4 | 12/7/04 | 248.6 | | | |
| 327 | 200435409 | 1 | 200395515 | 1/3/05 | 6 | 9/7/04 | 37.2 | 10/12/04 | 88.6 | 11/9/04 | 147.2 | 12/7/04 | 210.6 | | | |
| 328 | 200435410 | 1 | 200395515 | 1/6/05 | 6 | 9/7/04 | 31.2 | 10/12/04 | 88.2 | 11/9/04 | 151.2 | 12/7/04 | 211.0 | | | |
| 329 | 200435411 | 1 | 200395515 | 1/6/05 | 6 | 9/7/04 | 34.4 | 10/12/04 | 90.6 | 11/9/04 | 152.8 | 12/7/04 | 210.6 | | | |
| 330 | 200435412 | 1 | 200395515 | 12/27/04 | 6 | 9/7/04 | 35.0 | 10/12/04 | 89.4 | 11/9/04 | 149.4 | 12/7/04 | 215.8 | | | |
| 331 | 200435413 | 1 | 200395515 | 12/29/04 | 6 | 9/7/04 | 29.4 | 10/12/04 | 80.6 | 11/9/04 | 140.2 | 12/7/04 | 207.6 | | | |
| 332 | 200435801 | 2 | 200390007 | 1/10/05 | 6 | 9/7/04 | 43.6 | 10/12/04 | 94.0 | 11/9/04 | 160.2 | 12/7/04 | 211.8 | 1/4/05 | 275.8 | |
| 333 | 200435802 | 1 | 200390007 | 12/29/04 | 6 | 9/7/04 | 48.8 | 10/12/04 | 113.2 | 11/9/04 | 168.8 | 12/7/04 | 221.4 | | | |
| 334 | 200435803 | 1 | 200390007 | 1/12/05 | 6 | 9/7/04 | 42.4 | 10/12/04 | 101.6 | 11/9/04 | 162.4 | 12/7/04 | 207.4 | 1/4/05 | 259.6 | |
| 335 | 200436001 | 2 | 200390005 | 1/18/05 | 6 | 9/7/04 | 34.8 | 10/12/04 | 90.6 | 11/9/04 | 141.4 | 12/7/04 | 201.4 | 1/4/05 | 254.6 | |
| 336 | 200436002 | 2 | 200390005 | 1/6/05 | 6 | 9/7/04 | 34.8 | 10/12/04 | 85.0 | 11/9/04 | 142.8 | 12/7/04 | 205.0 | | | |
| 337 | 200436003 | 2 | 200390005 | 1/26/05 | 6 | 9/7/04 | 35.6 | 10/12/04 | 89.0 | 11/9/04 | 128.4 | 12/7/04 | 185.8 | 1/4/05 | 234.6 | |
| 338 | 200436004 | 2 | 200390005 | 1/20/05 | 6 | 9/7/04 | 33.6 | 10/12/04 | 87.4 | 11/9/04 | 142.8 | 12/7/04 | 195.4 | 1/4/05 | 244.8 | |
| 339 | 200436005 | 2 | 200390005 | 1/12/05 | 6 | 9/9/04 | 35.0 | 10/12/04 | 86.4 | 11/9/04 | 144.6 | 12/7/04 | 201.6 | 1/4/05 | 255.6 | |
| 340 | 200436006 | 2 | 200390005 | 1/3/05 | 6 | 9/9/04 | 39.8 | 10/12/04 | 93.2 | 11/9/04 | 149.8 | 12/7/04 | 212.0 | | | |
| 341 | 200436007 | 2 | 200390005 | 1/10/05 | 6 | 9/9/04 | 40.0 | 10/12/04 | 95.2 | 11/9/04 | 155.6 | 12/7/04 | 207.8 | 1/4/05 | 272.8 | |
| 342 | 200436008 | 2 | 200390005 | 1/26/05 | 6 | 9/9/04 | 38.4 | 10/12/04 | 83.2 | 11/9/04 | 127.0 | 12/7/04 | 179.6 | 1/4/05 | 234.0 | |
| 343 | 200436009 | 1 | 200390005 | 12/13/04 | 6 | 9/9/04 | 47.8 | 10/12/04 | 110.4 | 11/9/04 | 184.2 | 12/7/04 | 251.2 | | | |
| 344 | 200436010 | 1 | 200390005 | 12/27/04 | 6 | 9/9/04 | 43.8 | 10/12/04 | 100.4 | 11/9/04 | 164.4 | 12/7/04 | 223.4 | | | |
| 345 | 200436011 | 1 | 200390005 | 12/15/04 | 6 | 9/9/04 | 37.2 | 10/12/04 | 94.2 | 11/9/04 | 160.0 | 12/7/04 | 235.0 | | | |
| 346 | 200436012 | 1 | 200390005 | 12/15/04 | 6 | 9/9/04 | 44.6 | 10/12/04 | 103.8 | 11/9/04 | 166.0 | 12/7/04 | 239.8 | | | |
| 347 | 200436013 | 1 | 200390005 | 1/6/05 | 6 | 9/9/04 | 32.6 | 10/12/04 | 80.8 | 11/9/04 | 144.6 | 12/7/04 | 207.0 | | | |
| 348 | 200436301 | 2 | 200395515 | 1/26/05 | 6 | 9/9/04 | 32.4 | 10/12/04 | 78.4 | 11/9/04 | 132.2 | 12/7/04 | 186.6 | 1/4/05 | 236.0 | |
| 349 | 200436302 | 2 | 200395515 | 2/10/05 | 8 | 9/9/04 | 37.6 | 10/12/04 | 90.2 | 11/9/04 | 141.2 | 12/7/04 | 199.2 | 1/4/05 | 253.8 | |
| 350 | 200436303 | 2 | 200395515 | 12/27/04 | 6 | 9/9/04 | 43.6 | 10/12/04 | 103.6 | 11/9/04 | 162.6 | 12/7/04 | 221.4 | | | |
| 351 | 200436304 | 2 | 200395515 | 2/4/05 | 4 | 9/9/04 | 40.0 | 10/12/04 | 90.8 | 11/9/04 | 144.4 | 12/7/04 | 197.0 | 1/4/05 | 237.8 | |

| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 352 | 200436305 | 2 | 200395515 | 1/3/05 | 6 | 9/9/04 | 36.2 | 10/12/04 | 94.0 | 11/9/04 | 152.8 | 12/7/04 | 212.0 | | | |
| 353 | 200436306 | 2 | 200395515 | 2/4/05 | 4 | 9/9/04 | 37.4 | 10/12/04 | 86.6 | 11/9/04 | 138.4 | 12/7/04 | 189.8 | 1/4/05 | 236.6 | |
| 354 | 200436307 | 2 | 200395515 | 2/4/05 | 4 | 9/9/04 | 40.2 | 10/12/04 | 87.0 | 11/9/04 | 143.6 | 12/7/04 | 195.0 | 1/4/05 | 250.8 | |
| 355 | 200436309 | 1 | 200395515 | 12/27/04 | 6 | 9/9/04 | 38.8 | 10/12/04 | 93.0 | 11/9/04 | 152.8 | 12/7/04 | 217.2 | | | |
| 356 | 200436310 | 1 | 200395515 | 1/3/05 | 6 | 9/9/04 | 35.6 | 10/12/04 | 89.4 | 11/9/04 | 146.4 | 12/7/04 | 209.6 | | | |
| 357 | 200436311 | 1 | 200395515 | 1/4/05 | 4 | 9/9/04 | 33.2 | 10/12/04 | 88.0 | 11/9/04 | 150.4 | 12/7/04 | 214.6 | | | |
| 358 | 200436312 | 1 | 200395515 | 1/12/05 | 6 | 9/9/04 | 27.2 | 10/12/04 | 76.6 | 11/9/04 | 132.4 | 12/7/04 | 190.8 | 1/4/05 | 254.0 | |
| 359 | 200436401 | 2 | 200390005 | 1/26/05 | 6 | 9/9/04 | 35.4 | 10/12/04 | 81.0 | 11/9/04 | 126.0 | 12/7/04 | 181.0 | 1/4/05 | 229.6 | |
| 360 | 200436402 | 1 | 200390005 | 12/27/04 | 6 | 9/9/04 | 45.2 | 10/12/04 | 98.0 | 11/9/04 | 156.0 | 12/7/04 | 217.4 | | | |
| 361 | 200436403 | 1 | 200390005 | 2/2/05 | 6 | 9/9/04 | 43.4 | 10/12/04 | 94.2 | 11/9/04 | 143.4 | 12/7/04 | 190.2 | 1/4/05 | 194.8 | 1/25/0 |
| 362 | 200436404 | 1 | 200390005 | 1/3/05 | 6 | 9/9/04 | 39.0 | 10/12/04 | 96.2 | 11/9/04 | 146.8 | 12/7/04 | 209.6 | | | |
| 363 | 200436405 | 1 | 200390005 | 12/29/04 | 6 | 9/9/04 | 39.0 | 10/12/04 | 82.8 | 11/9/04 | 141.2 | 12/7/04 | 209.2 | | | |
| 364 | 200436601 | 2 | 200390007 | 1/20/05 | 6 | 9/9/04 | 45.4 | 10/12/04 | 96.0 | 11/9/04 | 148.8 | 12/7/04 | 198.6 | 1/4/05 | 243.2 | |
| 365 | 200436602 | 2 | 200390007 | 1/12/05 | 6 | 9/9/04 | 46.4 | 10/12/04 | 98.6 | 11/9/04 | 153.4 | 12/7/04 | 204.6 | 1/4/05 | 256.8 | |
| 366 | 200436603 | 2 | 200390007 | 1/12/05 | 6 | 9/9/04 | 42.8 | 10/12/04 | 97.2 | 11/9/04 | 150.6 | 12/7/04 | 200.2 | 1/4/05 | 256.8 | |
| 367 | 200436604 | 2 | 200390007 | 1/18/05 | 6 | 9/9/04 | 38.8 | 10/12/04 | 84.8 | 11/9/04 | 133.4 | 12/7/04 | 185.0 | 1/4/05 | 249.8 | |
| 368 | 200436605 | 1 | 200390007 | 1/12/05 | 7 | 9/9/04 | 41.6 | 10/12/04 | 84.6 | 11/9/04 | 140.6 | 12/7/04 | 195.6 | 1/4/05 | 257.4 | |
| 369 | 200436606 | 1 | 200390007 | 1/12/05 | 6 | 9/9/04 | 46.6 | 10/12/04 | 103.6 | 11/9/04 | 147.8 | 12/7/04 | 205.2 | 1/4/05 | 256.8 | |
| 370 | 200436607 | 5 | 200390007 | 1/18/05 | 6 | 9/9/04 | 41.4 | 10/12/04 | 90.6 | 11/9/04 | 142.8 | 12/7/04 | 184.0 | 1/4/05 | 249.4 | |
| 371 | 200436608 | 1 | 200390007 | 1/10/05 | 6 | 9/9/04 | 48.4 | 10/12/04 | 104.8 | 11/9/04 | 161.8 | 12/7/04 | 212.0 | 1/4/05 | 273.8 | |
| 372 | 200436609 | 1 | 200390007 | 12/20/04 | 7 | 9/9/04 | 47.6 | 10/12/04 | 106.6 | 11/9/04 | 165.6 | 12/7/04 | 226.8 | | | |
| 373 | 200436610 | 1 | 200390007 | 1/3/05 | 6 | 9/9/04 | 42.8 | 10/12/04 | 84.0 | 11/9/04 | 145.8 | 12/7/04 | 208.4 | | | |
| 374 | 200436611 | 1 | 200390007 | 2/10/05 | 8 | 9/9/04 | 40.0 | 10/12/04 | 94.0 | 11/9/04 | 124.8 | 12/7/04 | 188.0 | 1/4/05 | 241.0 | |
| 375 | 200436612 | 1 | 200390007 | 1/26/05 | 6 | 9/9/04 | 45.8 | 10/12/04 | 96.0 | 11/9/04 | 147.6 | 12/7/04 | 187.0 | 1/4/05 | 232.2 | |
| 376 | 200436901 | 2 | 200390003 | 1/18/05 | 6 | 9/7/04 | 31.2 | 10/12/04 | 73.8 | 11/9/04 | 125.4 | 12/7/04 | 187.0 | 1/4/05 | 248.4 | |
| 377 | 200436902 | 2 | 200390003 | 1/6/05 | 6 | 9/7/04 | 38.2 | 10/12/04 | 86.2 | 11/9/04 | 140.2 | 12/7/04 | 202.6 | | | |
| 378 | 200436903 | 2 | 200390003 | 1/20/05 | 6 | 9/7/04 | 31.4 | 10/12/04 | 82.6 | 11/9/04 | 125.2 | 12/7/04 | 186.6 | 1/4/05 | 238.4 | |
| 379 | 200436904 | 2 | 200390003 | 1/10/05 | 7 | 9/9/04 | 35.2 | 10/12/04 | 76.6 | 11/9/04 | 126.6 | 12/7/04 | 190.6 | 1/4/05 | 264.8 | |
| 380 | 200436905 | 2 | 200390003 | 1/18/05 | 6 | 9/9/04 | 29.2 | 10/12/04 | 73.2 | 11/9/04 | 119.8 | 12/7/04 | 175.6 | 1/4/05 | 243.8 | |
| 381 | 200436906 | 2 | 200390003 | 1/26/05 | 7 | 9/9/04 | 24.0 | 10/12/04 | 60.2 | 11/9/04 | 107.2 | 12/7/04 | 157.6 | 1/4/05 | 227.0 | |
| 382 | 200436907 | 2 | 200390003 | 2/10/05 | 8 | 9/9/04 | 27.4 | 10/12/04 | 61.8 | 11/9/04 | 115.6 | 12/7/04 | 172.0 | 1/4/05 | 235.0 | |
| 383 | 200436908 | 2 | 200390003 | 2/10/05 | 8 | 9/9/04 | 28.0 | 10/12/04 | 61.8 | 11/9/04 | 107.0 | 12/7/04 | 165.6 | 1/4/05 | 214.6 | 1/25/0 |
| 384 | 200436909 | 1 | 200390003 | 12/15/04 | 6 | 9/9/04 | 42.8 | 10/12/04 | 99.2 | 11/9/04 | 169.4 | 12/7/04 | 237.8 | | | |
| 385 | 200436910 | 1 | 200390003 | 1/10/05 | 7 | 9/9/04 | 37.0 | 10/12/04 | 86.0 | 11/9/04 | 151.6 | 12/7/04 | 205.4 | 1/4/05 | 273.2 | |
| 386 | 200436911 | 1 | 200390003 | 12/29/04 | 6 | 9/9/04 | 35.8 | 10/12/04 | 78.2 | 11/9/04 | 141.6 | 12/7/04 | 208.8 | | | |
| 387 | 200436912 | 1 | 200390003 | 1/12/05 | 6 | 9/9/04 | 30.2 | 10/12/04 | 70.8 | 11/9/04 | 123.4 | 12/7/04 | 192.8 | 1/4/05 | 258.2 | |
| 388 | 200436913 | 1 | 200390003 | 1/12/05 | 6 | 9/9/04 | 32.0 | 10/12/04 | 78.4 | 11/9/04 | 137.6 | 12/7/04 | 192.0 | 1/4/05 | 255.4 | |
| 389 | 200437301 | 2 | 200395515 | 12/13/04 | 6 | 9/9/04 | 43.4 | 10/12/04 | 103.6 | 11/9/04 | 170.4 | 12/7/04 | 244.6 | | | |
| 390 | 200437302 | 2 | 200395515 | 1/6/05 | 6 | 9/9/04 | 33.0 | 10/12/04 | 80.8 | 11/9/04 | 139.0 | 12/7/04 | 204.8 | | | |

| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 391 | 200437303 | 2 | 200395515 | 12/15/04 | 6 | 9/9/04 | 41.4 | 10/12/04 | 102.6 | 11/9/04 | 169.4 | 12/7/04 | 237.8 | | | |
| 392 | 200437304 | 1 | 200395515 | 1/4/05 | 4 | 9/9/04 | 40.4 | 10/12/04 | 97.2 | 11/9/04 | 167.6 | 12/7/04 | 231.6 | | | |
| 393 | 200437305 | 1 | 200395515 | 12/15/04 | 6 | 9/9/04 | 39.2 | 10/12/04 | 93.4 | 11/9/04 | 165.6 | 12/7/04 | 234.8 | | | |
| 394 | 200437306 | 1 | 200395515 | 1/4/05 | 4 | 9/9/04 | 47.8 | 10/12/04 | 106.4 | 11/9/04 | 177.6 | 12/7/04 | 244.8 | | | |
| 395 | 200437307 | 1 | 200395515 | 12/13/04 | 6 | 9/9/04 | 41.6 | 10/12/04 | 98.4 | 11/9/04 | 168.4 | 12/7/04 | 243.6 | | | |
| 396 | 200437308 | 1 | 200395515 | 1/4/05 | 4 | 9/9/04 | 35.4 | 10/12/04 | 94.4 | 11/9/04 | 159.0 | 12/7/04 | 230.0 | | | |
| 397 | 200437309 | 1 | 200395515 | 12/27/04 | 6 | 9/9/04 | 39.4 | 10/12/04 | 97.6 | 11/9/04 | 158.8 | 12/7/04 | 219.8 | | | |
| 398 | 200437401 | 2 | 200390007 | 2/2/05 | 6 | 9/7/04 | 22.0 | 10/12/04 | 71.2 | 11/9/04 | 125.8 | 12/7/04 | 176.2 | 1/4/05 | 222.8 | 1/25/0 |
| 399 | 200437402 | 2 | 200390007 | 1/26/05 | 6 | 9/9/04 | 35.0 | 10/12/04 | 83.6 | 11/9/04 | 139.8 | 12/7/04 | 188.4 | 1/4/05 | 235.4 | |
| 400 | 200437403 | 1 | 200390007 | 1/10/05 | 7 | 9/9/04 | 41.0 | 10/12/04 | 97.2 | 11/9/04 | 161.8 | 12/7/04 | 210.2 | 1/4/05 | 273.0 | |
| 401 | 200437404 | 1 | 200390007 | 12/27/04 | 6 | 9/9/04 | 37.0 | 10/12/04 | 88.0 | 11/9/04 | 147.8 | 12/7/04 | 214.8 | | | |
| 402 | 200437405 | 1 | 200390007 | 1/26/05 | 7 | 9/9/04 | 37.8 | 10/12/04 | 58.8 | 11/9/04 | 115.2 | 12/7/04 | 176.6 | 1/4/05 | 234.0 | |
| 403 | 200437406 | 1 | 200390007 | 1/12/05 | 6 | 9/9/04 | 34.8 | 10/12/04 | 90.0 | 11/9/04 | 147.6 | 12/7/04 | 196.4 | 1/4/05 | 258.0 | |
| 404 | 200437407 | 1 | 200390007 | 2/10/05 | 8 | 9/9/04 | 37.4 | 10/12/04 | 88.6 | 11/9/04 | 133.8 | 12/7/04 | 187.6 | 1/4/05 | 251.0 | |
| 405 | 200437408 | 1 | 200390007 | 1/6/05 | 6 | 9/9/04 | 34.0 | 10/12/04 | 83.0 | 11/9/04 | 158.6 | 12/7/04 | 212.8 | | | |
| 406 | 200437409 | 1 | 200390007 | 1/10/05 | 7 | 9/9/04 | 30.6 | 10/12/04 | 82.8 | 11/9/04 | 141.0 | 12/7/04 | 194.6 | 1/4/05 | 267.8 | |
| 407 | 200437410 | 1 | 200390007 | 1/10/05 | 7 | 9/9/04 | 32.8 | 10/12/04 | 84.4 | 11/9/04 | 145.0 | 12/7/04 | 202.4 | 1/4/05 | 268.8 | |
| 408 | 200437411 | 1 | 200390007 | 2/10/05 | 8 | 9/9/04 | 29.0 | 10/12/04 | 78.2 | 11/9/04 | 135.8 | 12/7/04 | 193.6 | 1/4/05 | 246.8 | |
| 409 | 200437501 | 2 | 200390007 | 1/3/05 | 6 | 9/9/04 | 40.6 | 10/12/04 | 80.6 | 11/9/04 | 147.2 | 12/7/04 | 210.8 | | | |
| 410 | 200437502 | 2 | 200390007 | 1/10/05 | 6 | 9/9/04 | 39.4 | 10/12/04 | 84.4 | 11/9/04 | 143.2 | 12/7/04 | 202.0 | 1/4/05 | 266.0 | |
| 411 | 200437504 | 1 | 200390007 | 12/20/04 | 6 | 9/9/04 | 37.6 | 10/12/04 | 92.6 | 11/9/04 | 164.8 | 12/7/04 | 226.8 | | | |
| 412 | 200437505 | 1 | 200390007 | 12/15/04 | 7 | 9/9/04 | 44.2 | 10/12/04 | 103.4 | 11/9/04 | 183.2 | 12/7/04 | 240.2 | | | |
| 413 | 200437506 | 1 | 200390007 | 12/15/04 | 6 | 9/9/04 | 37.6 | 10/12/04 | 96.6 | 11/9/04 | 163.6 | 12/7/04 | 231.6 | | | |
| 414 | 200437507 | 1 | 200390007 | 12/15/04 | 7 | 9/9/04 | 47.8 | 10/12/04 | 111.4 | 11/9/04 | 178.4 | 12/7/04 | 243.0 | | | |
| 415 | 200437509 | 1 | 200390007 | 1/26/05 | 6 | 9/9/04 | 38.4 | 10/12/04 | 88.6 | 11/9/04 | 151.4 | 12/7/04 | 185.2 | 1/4/05 | 233.4 | |
| 416 | 200437510 | 1 | 200390007 | 1/3/05 | 6 | 9/9/04 | 35.2 | 10/12/04 | 76.8 | 11/9/04 | 147.8 | 12/7/04 | 209.4 | | | |
| 417 | 200437801 | 2 | 200390007 | 12/27/04 | 6 | 9/9/04 | 50.6 | 10/12/04 | 104.4 | 11/9/04 | 163.2 | 12/7/04 | 221.8 | | | |
| 418 | 200437802 | 1 | 200390007 | 12/27/04 | 6 | 9/9/04 | 43.6 | 10/19/04 | 120.2 | 11/16/04 | 182.4 | 12/14/04 | 238.8 | | | |
| 419 | 200437803 | 1 | 200390007 | 1/18/05 | 6 | 9/9/04 | 43.4 | 10/19/04 | 115.8 | 11/16/04 | 170.0 | 12/14/04 | 218.2 | 1/11/05 | 273.2 | |
| 420 | 200437804 | 1 | 200390007 | 1/3/05 | 6 | 9/9/04 | 39.8 | 10/19/04 | 110.6 | 11/16/04 | 175.2 | 12/14/04 | 230.8 | | | |
| 421 | 200438101 | 2 | 200390007 | 1/18/05 | 6 | 9/9/04 | 39.0 | 10/12/04 | 92.6 | 11/9/04 | 145.4 | 12/7/04 | 197.6 | 1/4/05 | 250.0 | |
| 422 | 200438102 | 2 | 200390007 | 2/2/05 | 6 | 9/9/04 | 40.8 | 10/12/04 | 95.6 | 11/9/04 | 148.8 | 12/7/04 | 205.0 | 1/4/05 | 235.6 | 1/25/0 |
| 423 | 200438103 | 2 | 200390007 | 2/10/05 | 8 | 9/9/04 | 37.4 | 10/12/04 | 87.6 | 11/9/04 | 121.2 | 12/7/04 | 169.4 | 1/4/05 | 224.8 | |
| 424 | 200438104 | 2 | 200390007 | 1/12/05 | 6 | 9/9/04 | 39.2 | 10/12/04 | 90.8 | 11/9/04 | 143.6 | 12/7/04 | 197.4 | 1/4/05 | 257.0 | |
| 425 | 200438105 | 2 | 200390007 | 1/6/05 | 6 | 9/9/04 | 37.8 | 10/12/04 | 92.6 | 11/9/04 | 146.0 | 12/7/04 | 207.2 | | | |
| 426 | 200438106 | 1 | 200390007 | 1/6/05 | 6 | 9/9/04 | 44.6 | 10/19/04 | 105.0 | 11/16/04 | 168.6 | 12/14/04 | 225.8 | | | |
| 427 | 200438107 | 1 | 200390007 | 12/27/04 | 6 | 9/9/04 | 37.0 | 10/19/04 | 109.8 | 11/16/04 | 171.6 | 12/14/04 | 234.8 | | | |
| 428 | 200438401 | 2 | 200398128 | 12/27/04 | 6 | 9/9/04 | 35.6 | 10/12/04 | 88.2 | 11/9/04 | 147.2 | 12/7/04 | 214.0 | | | |
| 429 | 200438402 | 2 | 200398128 | 1/10/05 | 6 | 9/7/04 | 32.4 | 10/12/04 | 88.0 | 11/9/04 | 151.4 | 12/7/04 | 205.8 | 1/4/05 | 273.8 | |

| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 430 | 200438403 | 2 | 200398128 | 2/2/05 | 6 | 9/9/04 | 32.8 | 10/12/04 | 75.2 | 11/9/04 | 132.2 | 12/7/04 | 188.8 | 1/4/05 | 224.0 | 1/25/0 |
| 431 | 200438404 | 1 | 200398128 | 12/27/04 | 6 | 9/14/04 | 48.8 | 10/19/04 | 111.8 | 11/16/04 | 181.6 | 12/14/04 | 237.0 | | | |
| 432 | 200438405 | 1 | 200398128 | 2/10/05 | 8 | 9/14/04 | 38.6 | 10/19/04 | 87.4 | 11/16/04 | 141.2 | 12/14/04 | 195.0 | 1/11/05 | 250.4 | |
| 433 | 200438406 | 1 | 200398128 | 12/27/04 | 6 | 9/9/04 | 37.0 | 10/19/04 | 102.8 | 11/16/04 | 170.6 | 12/14/04 | 235.6 | | | |
| 434 | 200438407 | 1 | 200398128 | 1/4/05 | 4 | 9/14/04 | 49.0 | 10/19/04 | 109.6 | 11/16/04 | 175.4 | 12/14/04 | 238.2 | | | |
| 435 | 200438408 | 1 | 200398128 | 12/21/04 | 6 | 9/14/04 | 42.6 | 10/19/04 | 107.2 | 11/16/04 | 168.0 | 12/14/04 | 240.4 | | | |
| 436 | 200438409 | 1 | 200398128 | 1/4/05 | 4 | 9/14/04 | 47.4 | 10/19/04 | 110.6 | 11/16/04 | 185.8 | 12/14/04 | 258.0 | | | |
| 437 | 200438410 | 1 | 200398128 | 1/4/05 | 4 | 9/14/04 | 35.6 | 10/19/04 | 100.6 | 11/16/04 | 169.2 | 12/14/04 | 229.4 | | | |
| 438 | 200438411 | 1 | 200398128 | 2/4/05 | 4 | 9/14/04 | 39.0 | 10/19/04 | 91.6 | 11/16/04 | 142.8 | 12/14/04 | 201.0 | 1/11/05 | 264.2 | |
| 439 | 200438412 | 1 | 200398128 | 1/4/05 | 4 | 9/14/04 | 38.0 | 10/19/04 | 98.0 | 11/16/04 | 162.0 | 12/14/04 | 233.6 | | | |
| 440 | 200438413 | 1 | 200398128 | 2/4/05 | 4 | 9/14/04 | 35.8 | 10/19/04 | 82.0 | 11/16/04 | 132.8 | 12/14/04 | 181.6 | 1/11/05 | 255.8 | |
| 441 | 200438414 | 1 | 200398128 | 1/4/05 | 4 | 9/14/04 | 37.8 | 10/19/04 | 91.2 | 11/16/04 | 153.0 | 12/14/04 | 221.2 | | | |
| 442 | 200438501 | 2 | 200398128 | 1/10/05 | 6 | 9/9/04 | 30.6 | 10/12/04 | 83.4 | 11/9/04 | 141.4 | 12/7/04 | 202.8 | 1/4/05 | 271.2 | |
| 443 | 200438502 | 2 | 200398128 | 1/14/05 | 4 | 9/9/04 | 34.0 | 10/12/04 | 85.4 | 11/9/04 | 148.8 | 12/7/04 | 206.4 | 1/4/05 | 271.8 | |
| 444 | 200438503 | 2 | 200398128 | 1/3/05 | 6 | 9/9/04 | 38.2 | 10/12/04 | 77.6 | 11/9/04 | 131.4 | 12/7/04 | 203.0 | | | |
| 445 | 200438504 | 2 | 200398128 | 1/4/05 | 4 | 9/14/04 | 45.4 | 10/12/04 | 84.8 | 11/9/04 | 137.2 | 12/7/04 | 201.8 | | | |
| 446 | 200438505 | 2 | 200398128 | 12/27/04 | 6 | 9/14/04 | 45.0 | 10/12/04 | 85.8 | 11/9/04 | 143.2 | 12/7/04 | 212.4 | | | |
| 447 | 200438506 | 2 | 200398128 | 1/4/05 | 4 | 9/14/04 | 44.0 | 10/12/04 | 90.6 | 11/9/04 | 151.2 | 12/7/04 | 219.8 | | | |
| 448 | 200438507 | 2 | 200398128 | 12/1/04 | 3 | 9/14/04 | 53.4 | 10/12/04 | 97.4 | 11/9/04 | 149.6 | | | | | |
| 449 | 200438508 | 2 | 200398128 | 2/4/05 | 4 | 9/14/04 | 34.6 | 10/12/04 | 68.8 | 11/9/04 | 117.4 | 12/7/04 | 181.8 | 1/4/05 | 243.4 | |
| 450 | 200438509 | 2 | 200398128 | 2/4/05 | 4 | 9/14/04 | 41.6 | 10/12/04 | 86.8 | 11/9/04 | 141.2 | 12/7/04 | 198.8 | 1/4/05 | 250.8 | |
| 451 | 200438510 | 2 | 200398128 | 1/4/05 | 4 | 9/14/04 | 39.8 | 10/12/04 | 84.0 | 11/9/04 | 135.2 | 12/7/04 | 205.6 | | | |
| 452 | 200438511 | 1 | 200398128 | 12/21/04 | 6 | 9/14/04 | 53.6 | 10/19/04 | 118.6 | 11/16/04 | 193.2 | 12/14/04 | 249.4 | | | |
| 453 | 200438512 | 1 | 200398128 | 11/5/04 | 3 | 9/14/04 | 45.6 | 10/19/04 | 86.6 | | | | | | | |
| 454 | 200438513 | 1 | 200398128 | 12/21/04 | 6 | 9/14/04 | 46.0 | 10/19/04 | 107.2 | 11/16/04 | 174.2 | 12/14/04 | 239.4 | | | |
| 455 | 200438514 | 1 | 200398128 | 11/4/04 | 3 | 9/14/04 | 45.6 | 10/19/04 | 101.8 | | | | | | | |
| 456 | 200438601 | 2 | 200390007 | 2/10/05 | 8 | 9/14/04 | 45.0 | 10/12/04 | 92.4 | 11/9/04 | 149.2 | 12/7/04 | 204.2 | 1/4/05 | 240.6 | 1/25/0 |
| 457 | 200438602 | 2 | 200390007 | 1/18/05 | 6 | 9/14/04 | 41.4 | 10/12/04 | 88.0 | 11/9/04 | 145.6 | 12/7/04 | 200.0 | 1/4/05 | 251.8 | |
| 458 | 200438603 | 2 | 200390007 | 1/26/05 | 6 | 9/14/04 | 40.0 | 10/19/04 | 101.0 | 11/16/04 | 163.8 | 12/14/04 | 196.6 | 1/11/05 | 242.4 | |
| 459 | 200438604 | 2 | 200390007 | 2/2/05 | 6 | 9/14/04 | 41.4 | 10/19/04 | 95.8 | 11/16/04 | 146.8 | 12/14/04 | 189.8 | 1/11/05 | 230.6 | 1/25/0 |
| 460 | 200438605 | 2 | 200390007 | 1/26/05 | 6 | 9/14/04 | 42.4 | 10/19/04 | 98.4 | 11/16/04 | 157.2 | 12/14/04 | 198.4 | 1/11/05 | 243.8 | |
| 461 | 200438606 | 2 | 200390007 | 1/26/05 | 6 | 9/14/04 | 36.6 | 10/19/04 | 88.6 | 11/16/04 | 149.8 | 12/14/04 | 196.0 | 1/11/05 | 243.4 | |
| 462 | 200438607 | 1 | 200390007 | 1/18/05 | 6 | 9/14/04 | 42.0 | 10/19/04 | 95.6 | 11/16/04 | 155.4 | 12/14/04 | 210.2 | 1/11/05 | 281.6 | |
| 463 | 200438608 | 1 | 200390007 | 1/20/05 | 6 | 9/14/04 | 42.2 | 10/19/04 | 76.8 | 11/16/04 | 118.6 | 12/14/04 | 178.6 | 1/11/05 | 249.4 | |
| 464 | 200438609 | 1 | 200390007 | 1/18/05 | 6 | 9/14/04 | 39.2 | 10/19/04 | 95.6 | 11/16/04 | 153.0 | 12/14/04 | 206.0 | 1/11/05 | 272.0 | |
| 465 | 200438610 | 1 | 200390007 | 1/18/05 | 6 | 9/14/04 | 28.8 | 10/19/04 | 81.6 | 11/16/04 | 136.2 | 12/14/04 | 199.4 | 1/11/05 | 271.0 | |
| 466 | 200438611 | 1 | 200390007 | 1/20/05 | 6 | 9/14/04 | 36.8 | 10/19/04 | 89.4 | 11/16/04 | 148.6 | 12/14/04 | 201.2 | 1/11/05 | 259.4 | |
| 467 | 200438701 | 2 | 200395515 | 1/26/05 | 6 | 9/14/04 | 44.8 | 10/19/04 | 98.8 | 11/16/04 | 156.6 | 12/14/04 | 202.2 | 1/11/05 | 248.5 | |
| 468 | 200438702 | 2 | 200395515 | 2/10/05 | 8 | 9/14/04 | 43.0 | 10/19/04 | 96.2 | 11/16/04 | 149.4 | 12/14/04 | 187.2 | 1/11/05 | 246.4 | 1/25/0 |

| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 469 | 200438703 | 2 | 200395515 | 2/2/05 | 6 | 9/14/04 | 41.8 | 10/19/04 | 94.8 | 11/16/04 | 152.0 | 12/14/04 | 193.6 | 1/11/05 | 229.4 | 1/25/0 |
| 470 | 200438704 | 2 | 200395515 | 2/15/05 | 4 | 9/14/04 | 40.6 | 10/19/04 | 97.0 | 11/16/04 | 149.6 | 12/14/04 | 196.2 | 1/11/05 | 244.2 | |
| 471 | 200438705 | 2 | 200395515 | 1/20/05 | 6 | 9/14/04 | 48.8 | 10/19/04 | 104.4 | 11/16/04 | 160.6 | 12/14/04 | 199.4 | 1/11/05 | 256.4 | |
| 472 | 200438706 | 1 | 200395515 | 1/6/05 | 6 | 9/14/04 | 38.0 | 10/19/04 | 94.8 | 11/16/04 | 162.0 | 12/14/04 | 222.8 | | | |
| 473 | 200438707 | 1 | 200395515 | 1/18/05 | 6 | 9/14/04 | 43.2 | 10/19/04 | 101.8 | 11/16/04 | 143.6 | 12/14/04 | 197.2 | 1/11/05 | 270.2 | |
| 474 | 200438709 | 1 | 200395515 | 1/20/05 | 6 | 9/14/04 | 37.2 | 10/19/04 | 88.8 | 11/16/04 | 143.0 | 12/14/04 | 188.8 | 1/11/05 | 248.4 | |
| 475 | 200439201 | 2 | 200398128 | 1/14/05 | 4 | 9/14/04 | 49.4 | 10/19/04 | 93.0 | 11/16/04 | 157.0 | 12/14/04 | 214.6 | | | |
| 476 | 200439202 | 2 | 200398128 | 12/29/04 | 6 | 9/14/04 | 48.4 | 10/19/04 | 110.6 | 11/16/04 | 173.4 | 12/14/04 | 231.2 | | | |
| 477 | 200439203 | 2 | 200398128 | 2/15/05 | 4 | 9/14/04 | 42.0 | 10/19/04 | 98.4 | 11/16/04 | 161.6 | 12/14/04 | 208.2 | 1/11/05 | 249.6 | |
| 478 | 200439204 | 2 | 200398128 | 1/26/05 | 6 | 9/15/04 | 42.3 | 10/19/04 | 86.0 | 11/16/04 | 137.8 | 12/14/04 | 181.2 | 1/11/05 | 239.6 | |
| 479 | 200439205 | 2 | 200398128 | 1/18/05 | 6 | 9/15/04 | 41.0 | 10/12/04 | 76.8 | 11/9/04 | 138.0 | 12/7/04 | 190.8 | 1/4/05 | 252.4 | |
| 480 | 200439206 | 1 | 200398128 | 12/29/04 | 6 | 9/15/04 | 55.1 | 10/19/04 | 86.0 | 11/16/04 | 158.8 | 12/14/04 | 226.8 | | | |
| 481 | 200439207 | 1 | 200398128 | 2/10/05 | 8 | 9/15/04 | 42.4 | 10/19/04 | 91.0 | 11/16/04 | 151.4 | 12/14/04 | 206.8 | 1/11/05 | 254.4 | |
| 482 | 200439208 | 1 | 200398128 | 1/6/05 | 6 | 9/15/04 | 45.0 | 10/19/04 | 85.4 | 11/16/04 | 153.6 | 12/14/04 | 217.8 | | | |
| 483 | 200439209 | 1 | 200398128 | 1/14/05 | 4 | 9/15/04 | 40.9 | 10/19/04 | 83.4 | 11/16/04 | 149.4 | 12/14/04 | 213.0 | | | |
| 484 | 200439210 | 1 | 200398128 | 12/27/04 | 6 | 9/15/04 | 46.7 | 10/19/04 | 105.8 | 11/16/04 | 170.2 | 12/14/04 | 236.2 | | | |
| 485 | 200439211 | 1 | 200398128 | 1/4/05 | 4 | 9/15/04 | 49.2 | 10/19/04 | 107.0 | 11/16/04 | 177.0 | 12/14/04 | 242.0 | | | |
| 486 | 200439212 | 1 | 200398128 | 1/4/05 | 4 | 9/15/04 | 44.2 | 10/19/04 | 93.6 | 11/16/04 | 161.2 | 12/14/04 | 231.0 | | | |
| 487 | 200439215 | 1 | 200398128 | 1/14/05 | 4 | 9/15/04 | 40.2 | 10/19/04 | 93.0 | 11/16/04 | 152.2 | 12/14/04 | 212.0 | | | |
| 488 | 200439401 | 2 | 200398128 | 2/2/05 | 6 | 9/14/04 | 47.6 | 10/19/04 | 105.0 | 11/16/04 | 167.2 | 12/14/04 | 207.6 | 1/11/05 | 244.2 | 1/25/0 |
| 489 | 200439403 | 1 | 200398128 | 2/4/05 | 4 | 9/14/04 | 34.6 | 10/19/04 | 83.6 | 11/16/04 | 143.4 | 12/14/04 | 197.2 | 1/11/05 | 259.2 | |
| 490 | 200439404 | 1 | 200398128 | 2/2/05 | 6 | 9/14/04 | 41.8 | 10/19/04 | 92.0 | 11/16/04 | 160.6 | 12/14/04 | 183.6 | 1/11/05 | 226.4 | 1/25/0 |
| 491 | 200439405 | 1 | 200398128 | 1/4/05 | 4 | 9/14/04 | 42.8 | 10/19/04 | 100.2 | 11/16/04 | 168.2 | 12/14/04 | 238.6 | | | |
| 492 | 200439406 | 1 | 200398128 | 12/29/04 | 6 | 9/14/04 | 42.8 | 10/19/04 | 98.8 | 11/16/04 | 166.0 | 12/14/04 | 230.0 | | | |
| 493 | 200439407 | 1 | 200398128 | 2/4/05 | 4 | 9/14/04 | 35.4 | 10/19/04 | 82.4 | 11/16/04 | 144.0 | 12/14/04 | 203.0 | 1/11/05 | 270.6 | |
| 494 | 200439408 | 1 | 200398128 | 1/4/05 | 4 | 9/14/04 | 38.6 | 10/19/04 | 94.0 | 11/16/04 | 160.0 | 12/14/04 | 220.6 | | | |
| 495 | 200439409 | 1 | 200398128 | 1/4/05 | 4 | 9/14/04 | 41.8 | 10/19/04 | 98.4 | 11/16/04 | 166.4 | 12/14/04 | 230.4 | | | |
| 496 | 200439501 | 2 | 200390007 | 1/26/05 | 6 | 9/14/04 | 44.8 | 10/19/04 | 100.6 | 11/16/04 | 155.4 | 12/14/04 | 193.4 | 1/11/05 | 245.6 | |
| 497 | 200439502 | 2 | 200390007 | 1/20/05 | 6 | 9/14/04 | 50.8 | 10/19/04 | 114.4 | 11/16/04 | 172.2 | 12/14/04 | 212.6 | 1/11/05 | 259.8 | |
| 498 | 200439503 | 2 | 200390007 | 2/2/05 | 6 | 9/14/04 | 47.0 | 10/19/04 | 103.8 | 11/16/04 | 158.6 | 12/14/04 | 194.2 | 1/11/05 | 239.0 | 1/25/0 |
| 499 | 200439504 | 2 | 200390007 | 1/26/05 | 6 | 9/14/04 | 40.4 | 10/19/04 | 97.0 | 11/16/04 | 147.4 | 12/14/04 | 188.6 | 1/11/05 | 239.0 | |
| 500 | 200439505 | 1 | 200390007 | 1/18/05 | 6 | 9/14/04 | 44.2 | 10/19/04 | 99.6 | 11/16/04 | 153.2 | 12/14/04 | 203.0 | 1/11/05 | 268.6 | |
| 501 | 200439901 | 1 | 200395515 | 1/20/05 | 6 | 9/14/04 | 43.6 | 10/19/04 | 99.6 | 11/16/04 | 163.8 | 12/14/04 | 215.2 | 1/11/05 | 261.8 | |
| 502 | 200439902 | 1 | 200395515 | 1/18/05 | 6 | 9/14/04 | 40.2 | 10/19/04 | 99.6 | 11/16/04 | 163.4 | 12/14/04 | 215.0 | 1/11/05 | 290.4 | |
| 503 | 200439903 | 1 | 200395515 | 1/18/05 | 6 | 9/14/04 | 39.6 | 10/19/04 | 102.4 | 11/16/04 | 161.4 | 12/14/04 | 213.0 | 1/11/05 | 271.2 | |
| 504 | 200439904 | 1 | 200395515 | 1/26/05 | 6 | 9/14/04 | 37.0 | 10/19/04 | 89.0 | 11/16/04 | 136.6 | 12/14/04 | 161.4 | 1/11/05 | 226.4 | |
| 505 | 200440601 | 2 | 200398128 | 1/3/05 | 6 | 9/15/04 | 50.4 | 10/12/04 | 94.0 | 11/9/04 | 147.4 | 12/7/04 | 209.6 | | | |
| 506 | 200440602 | 2 | 200398128 | 12/29/04 | 6 | 9/15/04 | 50.4 | 10/12/04 | 90.8 | 11/9/04 | 146.4 | 12/7/04 | 212.2 | | | |
| 507 | 200440603 | 1 | 200398128 | 1/6/05 | 6 | 9/15/04 | 41.9 | 10/19/04 | 96.6 | 11/16/04 | 167.2 | 12/14/04 | 225.0 | | | |

| | Animal | Sex | Sire | Disposal Date | Disposal Code | 8 weeks | | 12 weeks | | 16 weeks | | 20 weeks | | 24 weeks | | 28 w |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date | Weight (lbs) | Date |
| 508 | 200440604 | 1 | 200398128 | 1/4/05 | 4 | 9/15/04 | 47.8 | 10/19/04 | 108.8 | 11/16/04 | 176.4 | 12/14/04 | 242.6 | | | |
| 509 | 200440605 | 1 | 200398128 | 12/27/04 | 6 | 9/15/04 | 48.8 | 10/19/04 | 113.4 | 11/16/04 | 184.2 | 12/14/04 | 240.6 | | | |
| 510 | 200440606 | 1 | 200398128 | 1/4/05 | 4 | 9/15/04 | 41.8 | 10/19/04 | 97.6 | 11/16/04 | 167.4 | 12/14/04 | 226.4 | | | |
| 511 | 200440607 | 1 | 200398128 | 1/4/05 | 4 | 9/15/04 | 48.3 | 10/19/04 | 103.8 | 11/16/04 | 165.8 | 12/14/04 | 226.4 | | | |
| 512 | 200440608 | 1 | 200398128 | 9/24/04 | 3 | 9/15/04 | 25.2 | | | | | | | | | |
| 513 | 200440609 | 1 | 200398128 | 2/4/05 | 4 | 9/15/04 | 39.1 | 10/19/04 | 89.4 | 11/16/04 | 148.2 | 12/14/04 | 200.8 | 1/11/05 | 247.8 | |
| 514 | 200440901 | 2 | 200398128 | 1/3/05 | 6 | 9/15/04 | 37.7 | 10/12/04 | 77.6 | 11/9/04 | 134.2 | 12/7/04 | 204.2 | | | |
| 515 | 200440902 | 2 | 200398128 | 1/14/05 | 4 | 9/15/04 | 41.5 | 10/12/04 | 78.6 | 11/9/04 | 138.6 | 12/7/04 | 198.6 | 1/4/05 | 266.0 | |
| 516 | 200440903 | 2 | 200398128 | 1/12/05 | 6 | 9/15/04 | 34.8 | 10/12/04 | 66.2 | 11/9/04 | 123.2 | 12/7/04 | 191.4 | 1/4/05 | 256.2 | |
| 517 | 200440905 | 2 | 200398128 | 2/15/05 | 4 | 9/15/04 | 27.7 | 10/12/04 | 58.4 | 11/9/04 | 105.0 | 12/7/04 | 161.6 | 1/4/05 | 226.6 | |
| 518 | 200440906 | 2 | 200398128 | 1/3/05 | 6 | 9/15/04 | 39.2 | 10/12/04 | 78.2 | 11/9/04 | 147.6 | 12/7/04 | 209.6 | | | |
| 519 | 200440907 | 1 | 200398128 | 1/18/05 | 6 | 9/15/04 | 37.4 | 10/19/04 | 96.0 | 11/16/04 | 163.2 | 12/14/04 | 215.4 | 1/11/05 | 277.0 | |
| 520 | 200440908 | 1 | 200398128 | 1/4/05 | 4 | 9/15/04 | 38.5 | 10/19/04 | 93.2 | 11/16/04 | 163.6 | 12/14/04 | 234.0 | | | |
| 521 | 200440909 | 1 | 200398128 | 1/18/05 | 6 | 9/15/04 | 36.6 | 10/19/04 | 79.8 | 11/16/04 | 145.0 | 12/14/04 | 203.2 | 1/11/05 | 269.6 | |
| 522 | 200440910 | 1 | 200398128 | 1/4/05 | 4 | 9/15/04 | 38.6 | 10/19/04 | 100.0 | 11/16/04 | 169.4 | 12/14/04 | 230.8 | | | |
| 523 | 200440911 | 1 | 200398128 | 1/6/05 | 6 | 9/15/04 | 29.3 | 10/19/04 | 76.6 | 11/16/04 | 137.8 | 12/14/04 | 210.0 | | | |
| 524 | 200440912 | 1 | 200398128 | 1/14/05 | 4 | 9/15/04 | 31.7 | 10/19/04 | 86.0 | 11/16/04 | 146.2 | 12/14/04 | 209.2 | | | |
| 525 | 200440913 | 1 | 200398128 | 1/14/05 | 4 | 9/15/04 | 36.0 | 10/19/04 | 96.8 | 11/16/04 | 155.2 | 12/14/04 | 212.4 | | | |
| 526 | 200441201 | 2 | 200395515 | 1/26/05 | 6 | 9/15/04 | 37.4 | 10/12/04 | 81.2 | 11/9/04 | 127.6 | 12/7/04 | 189.0 | 1/4/05 | 235.2 | |
| 527 | 200441202 | 2 | 200395515 | 1/18/05 | 6 | 9/15/04 | 37.8 | 10/12/04 | 74.6 | 11/9/04 | 128.2 | 12/7/04 | 191.4 | 1/4/05 | 250.4 | |
| 528 | 200441203 | 1 | 200395515 | 1/26/05 | 6 | 9/15/04 | 33.9 | 10/19/04 | 86.2 | 11/16/04 | 144.6 | 12/14/04 | 200.4 | 1/11/05 | 249.2 | |
| 529 | 200441204 | 1 | 200395515 | 2/10/05 | 8 | 9/15/04 | 34.6 | 10/19/04 | 91.0 | 11/16/04 | 148.0 | 12/14/04 | 204.6 | 1/11/05 | 260.4 | |
| 530 | 200441205 | 1 | 200395515 | 1/26/05 | 6 | 9/15/04 | 34.1 | 10/19/04 | 81.2 | 11/16/04 | 141.8 | 12/14/04 | 177.0 | 1/11/05 | 234.8 | |
| 531 | 200441206 | 1 | 200395515 | 2/4/05 | 4 | 9/15/04 | 40.0 | 10/19/04 | 102.8 | 11/16/04 | 164.8 | 12/14/04 | 215.8 | 1/11/05 | 277.8 | |
| 532 | 200441207 | 1 | 200395515 | 1/26/05 | 6 | 9/15/04 | 28.5 | 10/19/04 | 79.4 | 11/16/04 | 133.4 | 12/14/04 | 194.0 | 1/11/05 | 244.4 | |
| 533 | 200441208 | 1 | 200395515 | 2/4/05 | 4 | 9/15/04 | 38.8 | 10/19/04 | 95.2 | 11/16/04 | 156.4 | 12/14/04 | 212.4 | 1/11/05 | 271.4 | |
| 534 | 200441209 | 1 | 200395515 | 1/26/05 | 6 | 9/15/04 | 28.7 | 10/19/04 | 74.2 | 11/16/04 | 132.0 | 12/14/04 | 185.0 | 1/11/05 | 239.2 | |
| 535 | 200441210 | 1 | 200395515 | 2/4/05 | 4 | 9/15/04 | 32.4 | 10/19/04 | 76.2 | 11/16/04 | 133.4 | 12/14/04 | 190.6 | 1/11/05 | 243.0 | |
| 536 | 200441211 | 1 | 200395515 | 1/26/05 | 6 | 9/15/04 | 33.9 | 10/12/04 | 70.8 | 11/9/04 | 126.0 | 12/7/04 | 180.4 | 1/4/05 | 234.8 | |

| Disposal Codes | | |
|---|---|---|
| Code | Description | # |
| 3 | Dead | 10 |
| 4 | Control Shipped for sale | 64 |
| 6 | Slaughter data | 405 |
| 7 | Tanked at slaughter | 35 |
| 8 | Shipped to Purdue | 22 |
| | Total= | 536 |

| Sex Codes | |
|---|---|
| 1 | Male |
| 2 | Female |

Weights=Lbs.

| Total Number | Day Order | Marc Animal ID | Treatment (Control/Clone) | Slaughter Date | Hot Carcass Weight/lbs | USDA CARCASS MUSCLE (1-3) | CARCASS LENGTH (cm) | FIRMNESS (1-3) | COLOR (1-6) | MARBLING (1-6, 10) | Longissimus pH (24 hr) | LOINEYE AREA ($in^2$) | hunter (L*) | hunter (a*) | hunter (B*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 200433509 | Control | 12-Dec-00 | 183 | 3 | 84.9 | 2 | 2 | 2 | 5.90 | 6.37 | 53.98 | 8.26 | 13.78 |
| 2 | 2 | 200437307 | Control | 12-Dec-00 | 160 | 3 | 83.5 | 2 | 3 | 2 | 6.00 | 5.60 | 55.38 | 7.88 | 14.31 |
| 3 | 3 | 200430508 | Control | 12-Dec-00 | 166 | 3 | 82.5 | 2 | 3 | 2 | 5.70 | 5.96 | 58.10 | 5.80 | 13.95 |
| 4 | 4 | 200437301 | Control | 12-Dec-00 | 168 | 3 | 81.0 | 2 | 3 | 2 | 5.90 | 7.11 | 55.26 | 7.39 | 13.84 |
| 5 | 5 | 200433409 | Control | 12-Dec-00 | 173 | 3 | 79.7 | 2 | 3 | 2 | 6.50 | 5.33 | 52.60 | 6.32 | 12.24 |
| 6 | 6 | 200435309 | Control | 12-Dec-00 | 184 | 3 | 84.6 | 2 | 2 | 3 | 6.20 | 5.40 | 57.99 | 8.33 | 16.16 |
| 7 | 7 | 200430503 | Control | 12-Dec-00 | 168 | 3 | 81.8 | 2 | 2 | 1 | 5.90 | 6.68 | 55.06 | 7.95 | 13.55 |
| 8 | 8 | 200433510 | Control | 12-Dec-00 | 183 | 3 | 81.3 | 2 | 3 | 2 | 6.20 | 6.11 | 55.93 | 8.62 | 15.19 |
| 9 | 9 | 200430709 | Clone | 12-Dec-00 | 172 | 3 | 84.8 | 2 | 2 | 2 | 6.10 | 6.60 | 58.80 | 6.53 | 14.54 |
| 10 | 10 | 200431505 | Clone | 12-Dec-00 | 168 | 3 | 81.4 | 2 | 2 | 2 | 6.20 | 6.45 | 59.83 | 6.21 | 14.35 |
| 11 | 11 | 200430706 | Clone | 12-Dec-00 | 182 | 3 | 81.5 | 2 | 2 | 2 | 6.10 | 6.84 | 60.17 | 6.35 | 14.23 |
| 12 | 12 | 200431408 | Clone | 12-Dec-00 | 174 | 3 | 80.4 | 2 | 2 | 2 | 6.10 | 7.84 | 54.24 | 7.77 | 13.08 |
| 13 | 13 | 200430906 | Clone | 12-Dec-00 | 178 | 3 | 78.6 | 2 | 3 | 4 | 5.60 | 6.42 | 60.07 | 8.41 | 16.27 |
| 14 | 14 | 200430707 | Clone | 12-Dec-00 | 175 | 3 | 79.2 | 2 | 3 | 3 | 5.80 | 6.44 | 55.88 | 7.58 | 14.37 |
| 15 | 15 | 200430604 | Clone | 12-Dec-00 | 186 | 3 | 80.5 | 2 | 3 | 3 | 5.70 | 6.69 | 55.42 | 8.37 | 13.74 |
| 16 | 16 | 200432405 | Clone | 12-Dec-00 | 168 | 3 | 79.5 | 2 | 3 | 3 | 5.70 | 6.70 | 58.18 | 6.19 | 13.52 |
| 17 | 17 | 200431411 | Clone | 12-Dec-00 | 167 | 3 | 78.7 | 2 | 3 | 2 | 5.80 | 6.35 | 54.38 | 7.02 | 12.82 |
| 18 | 18 | 200431006 | Clone | 12-Dec-00 | 179 | 3 | 81.7 | 2 | 3 | 2 | 5.60 | 5.89 | 53.10 | 9.19 | 14.75 |
| 19 | 19 | 200436009 | Clone | 12-Dec-00 | 171 | 3 | 79.5 | 2 | 3 | 2 | 5.70 | 6.80 | 57.77 | 7.11 | 13.64 |
| 20 | 20 | 200431502 | Clone | 12-Dec-00 | 175 | 3 | 83.0 | 2 | 3 | 2 | 5.60 | 6.91 | 54.72 | 8.10 | 13.16 |
| 21 | 21 | 200430711 | Clone | 12-Dec-00 | 176 | 3 | 84.0 | 2 | 3 | 3 | 5.70 | 6.37 | 56.11 | 7.61 | 14.26 |
| 22 | 22 | 200430710 | Clone | 12-Dec-00 | 189 | 3 | 84.0 | 2 | 3 | 3 | 5.70 | 6.74 | 57.10 | 8.22 | 15.58 |
| 23 | 23 | 200430805 | Clone | 12-Dec-00 | 170 | 3 | 84.8 | 2 | 3 | 3 | 5.90 | 5.74 | 55.05 | 7.72 | 13.82 |
| 24 | 24 | 200430902 | Clone | 12-Dec-00 | 168 | 3 | 76.8 | 2 | 3 | 3 | 5.60 | 6.00 | 57.87 | 8.19 | 14.46 |
| 25 | 25 | 200431608 | Clone | 12-Dec-00 | 176 | 3 | 80.7 | 2 | 3 | 5 | 5.60 | 6.31 | 59.83 | 5.05 | 14.24 |
| 26 | 26 | 200433605 | Clone | 12-Dec-00 | 176 | 3 | 81.5 | 2 | 3 | 2 | 5.80 | 5.86 | 53.68 | 7.47 | 13.48 |
| 27 | 27 | 200430905 | Clone | 12-Dec-00 | 173 | 3 | 77.0 | 2 | 3 | 5 | 5.70 | 5.70 | 62.82 | 6.02 | 15.33 |
| 28 | 28 | 200433807 | Clone | 12-Dec-00 | 173 | 3 | 80.0 | 2 | 3 | 4 | 5.70 | 6.60 | 55.72 | 6.36 | 13.73 |
| 29 | 29 | 200430804 | Clone | 12-Dec-00 | 178 | 3 | 84.0 | 2 | 3 | 4 | 5.80 | 5.81 | 56.91 | 7.41 | 14.44 |
| 30 | 30 | 200431404 | Clone | 12-Dec-00 | 169 | 3 | 82.6 | 2 | 3 | 3 | 5.70 | 8.19 | 55.88 | 7.38 | 13.14 |
| 31 | 31 | 200431009 | Clone | 12-Dec-00 | 173 | 3 | 83.0 | 2 | 3 | 4 | 5.70 | 5.74 | 56.75 | 7.10 | 14.47 |
| 32 | 1 | 200432911 | Control | 14-Dec-00 | 162 | 3 | 83.0 | 2 | 3 | 3 | 5.80 | 5.43 | 56.20 | 8.82 | 14.51 |

| Total Number | Day Order | Marc Animal ID | Treatment (Control/Clone) | Slaughter Date | Hot Carcass Weight/lbs | USDA CARCASS MUSCLE (1-3) | CARCASS LENGTH (cm) | FIRMNESS (1-3) | COLOR (1-6) | MARBLING (1-6, 10) | Longissimus pH (24 hr) | LOINEYE AREA ($in^2$) | hunter (L*) | hunter (a*) | hunter (B*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33 | 2 | 200434001 | Control | 14-Dec-00 | 163 | 3 | 78.4 | 2 | 3 | 3 | 5.80 | 6.01 | 56.43 | 7.20 | 13.64 |
| 34 | 3 | 200431802 | Control | 14-Dec-00 | 166 | 3 | 81.0 | 2 | 3 | 2 | 5.70 | 7.13 | 54.77 | 7.10 | 13.26 |
| 35 | 4 | 200434301 | Control | 14-Dec-00 | 165 | 3 | 80.2 | 2 | 3 | 3 | 5.70 | 6.03 | 57.51 | 7.68 | 13.69 |
| 36 | 5 | 200435303 | Control | 14-Dec-00 | 165 | 3 | 81.7 | 2 | 3 | 2 | 5.70 | 6.21 | 54.95 | 8.17 | 14.09 |
| 37 | 6 | 200437305 | Control | 14-Dec-00 | 158 | 3 | 81.0 | 2 | 3 | 4 | 5.70 | 6.13 | 57.82 | 7.09 | 13.85 |
| 38 | 7 | 200432609 | Control | 14-Dec-00 | 168 | 3 | 80.8 | 2 | 3 | 3 | 5.70 | 6.16 | 56.94 | 7.00 | 14.72 |
| 39 | 8 | 200437303 | Control | 14-Dec-00 | 169 | 3 | 81.0 | 2 | 3 | 3 | 5.70 | 6.85 | 58.51 | 6.76 | 13.80 |
| 40 | 9 | 200434202 | Control | 14-Dec-00 | 169 | 3 | 76.7 | 2 | 3 | 2 | 5.70 | 5.71 | 60.89 | 8.88 | 15.35 |
| 41 | 10 | 200433301 | Control | 14-Dec-00 | 161 | 3 | 79.5 | 2 | 3 | 4 | 5.80 | 5.93 | 58.22 | 6.49 | 14.55 |
| 42 | 11 | 200437506 | Clone | 14-Dec-00 | 162 | 3 | 79.0 | 2 | 3 | 3 | 5.90 | 6.26 | 60.14 | 6.82 | 15.30 |
| 43 | 12 | 200436011 | Clone | 14-Dec-00 | 162 | 3 | 82.0 | 2 | 3 | 2 | 5.60 | 6.48 | 56.30 | 7.44 | 14.15 |
| 44 | 13 | 200430708 | Clone | 14-Dec-00 | 170 | 3 | 81.3 | 2 | 2 | 2 | 5.60 | 6.87 | 63.20 | 7.15 | 15.11 |
| 45 | 14 | 200430705 | Clone | 14-Dec-00 | 169 | 3 | 79.5 | 2 | 3 | 3 | 5.60 | 7.00 | 55.26 | 7.55 | 13.67 |
| 46 | 15 | 200431606 | Clone | 14-Dec-00 | 174 | 3 | 81.5 | 2 | 3 | 2 | 5.70 | 6.33 | 58.49 | 5.13 | 14.05 |
| 47 | 16 | 200434507 | Clone | 14-Dec-00 | 170 | 3 | 81.5 | 2 | 3 | 3 | 5.70 | 6.85 | 55.72 | 9.05 | 14.51 |
| 48 | 17 | 200431504 | Clone | 14-Dec-00 | 173 | 3 | 77.8 | 2 | 3 | 3 | 5.70 | 6.59 | 60.44 | 5.97 | 14.94 |
| 49 | 18 | 200436012 | Clone | 14-Dec-00 | 165 | 3 | 80.2 | 2 | 3 | 4 | 5.70 | 5.60 | 56.02 | 8.16 | 14.96 |
| 50 | 19 | 200433601 | Clone | 14-Dec-00 | 161 | 3 | 78.0 | 2 | 3 | 3 | 5.70 | 7.27 | 54.07 | 7.86 | 13.79 |
| 51 | 20 | 200431008 | Clone | 14-Dec-00 | 168 | 3 | 82.7 | 2 | 3 | 3 | 5.70 | 5.14 | 56.72 | 8.94 | 15.69 |
| 52 | 21 | 200430609 | Clone | 14-Dec-00 | 159 | 3 | 79.7 | 2 | 3 | 3 | 5.80 | 5.60 | 54.79 | 7.24 | 13.26 |
| 53 | 22 | 200431501 | Clone | 14-Dec-00 | 167 | 3 | 82.0 | 2 | 3 | 1 | 5.70 | 7.06 | 53.75 | 9.01 | 14.31 |
| 54 | 23 | 200436909 | Clone | 14-Dec-00 | 167 | 3 | 78.5 | 2 | 3 | 2 | 5.60 | 6.47 | 55.56 | 7.71 | 13.72 |
| 55 | 24 | 200431407 | Clone | 14-Dec-00 | 167 | 3 | 80.3 | 2 | 3 | 2 | 5.70 | 6.79 | 54.76 | 7.79 | 14.25 |
| 56 | 25 | 200431405 | Clone | 14-Dec-00 | 156 | 3 | 79.5 | 2 | 3 | 2 | 5.80 | 7.37 | 57.24 | 7.81 | 15.37 |
| 57 | 26 | 200430605 | Clone | 14-Dec-00 | 165 | 3 | 78.0 | 2 | 3 | 3 | 5.70 | 6.66 | 57.28 | 9.09 | 16.22 |
| 58 | 27 | 200433201 | Clone | 14-Dec-00 | 176 | 3 | 80.0 | 2 | 3 | 4 | 5.60 | 6.98 | 56.57 | 7.52 | 13.94 |
| 59 | 28 | 200430607 | Clone | 14-Dec-00 | 177 | 3 | 81.5 | 2 | 3 | 3 | 5.60 | 5.71 | 56.41 | 7.23 | 14.44 |
| 60 | 1 | 200431604 | Clone | 19-Dec-00 | 176 | 3 | 80.5 | 2 | 3 | 2 | 5.70 | 8.64 | 57.62 | 6.87 | 13.93 |
| 61 | 2 | 200433603 | Clone | 19-Dec-00 | 170 | 3 | 80.0 | 2 | 3 | 3 | 5.70 | 6.67 | 56.59 | 8.19 | 14.81 |
| 62 | 3 | 200432103 | Clone | 19-Dec-00 | 173 | 3 | 81.8 | 2 | 3 | 4 | 5.80 | 6.15 | 54.26 | 7.72 | 14.54 |
| 63 | 4 | 200430703 | Clone | 19-Dec-00 | 165 | 3 | 81.3 | 2 | 3 | 2 | 5.70 | 7.93 | 56.20 | 7.96 | 13.92 |
| 64 | 5 | 200437504 | Clone | 19-Dec-00 | 161 | 3 | 82.5 | 2 | 3 | 4 | 5.80 | 4.99 | 58.98 | 6.87 | 15.00 |

| Total Number | Day Order | Marc Animal ID | Treatment (Control/Clone) | Slaughter Date | Hot Carcass Weight/lbs | USDA CARCASS MUSCLE (1-3) | CARCASS LENGTH (cm) | FIRMNESS (1-3) | COLOR (1-6) | MARBLING (1-6, 10) | Longissimus pH (24 hr) | LOINEYE AREA ($in^2$) | hunter (L*) | hunter (a*) | hunter (B*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | 6 | 200434512 | Clone | 19-Dec-00 | 165 | 3 | 79.0 | 2 | 3 | 3 | 5.70 | 6.12 | 58.03 | 5.95 | 13.71 |
| 66 | 7 | 200434403 | Clone | 19-Dec-00 | 170 | 3 | 78.5 | 2 | 3 | 3 | 5.70 | 5.87 | 56.21 | 6.19 | 14.00 |
| 67 | 8 | 200432704 | Clone | 19-Dec-00 | 158 | 3 | 80.0 | 2 | 3 | 4 | 5.60 | 5.67 | 56.56 | 6.90 | 14.32 |
| 68 | 9 | 200433711 | Clone | 19-Dec-00 | 166 | 3 | 80.5 | 2 | 3 | 4 | 5.70 | 7.16 | 57.06 | 8.03 | 14.76 |
| 69 | 10 | 200430903 | Clone | 19-Dec-00 | 166 | 3 | 78.3 | 2 | 3 | 4 | 5.80 | 6.87 | 60.02 | 6.32 | 15.62 |
| 70 | 11 | 200433205 | Clone | 19-Dec-00 | 166 | 3 | 81.0 | 2 | 3 | 3 | 5.70 | 5.53 | 55.51 | 8.17 | 14.92 |
| 71 | 12 | 200432004 | Clone | 19-Dec-00 | 174 | 3 | 82.7 | 2 | 3 | 3 | 5.60 | 5.81 | 56.66 | 6.58 | 14.13 |
| 72 | 13 | 200432404 | Clone | 19-Dec-00 | 168 | 3 | 75.5 | 2 | 3 | 3 | 5.70 | 6.74 | 59.44 | 7.03 | 15.29 |
| 73 | 14 | 200431003 | Clone | 19-Dec-00 | 163 | 3 | 82.2 | 2 | 3 | 3 | 5.70 | 6.56 | 57.76 | 6.55 | 14.33 |
| 74 | 15 | 200431406 | Clone | 19-Dec-00 | 157 | 3 | 79.0 | 2 | 3 | 3 | 5.70 | 6.89 | 59.04 | 6.89 | 14.12 |
| 75 | 16 | 200432108 | Clone | 19-Dec-00 | 165 | 3 | 80.6 | 2 | 3 | 3 | 5.70 | 5.91 | 57.28 | 7.64 | 14.10 |
| 76 | 17 | 200431610 | Clone | 19-Dec-00 | 171 | 3 | 81.7 | 2 | 3 | 3 | 5.70 | 7.38 | 55.57 | 6.53 | 13.14 |
| 77 | 18 | 200431011 | Clone | 19-Dec-00 | 174 | 3 | 84.5 | 2 | 3 | 2 | 5.70 | 7.06 | 52.98 | 9.08 | 13.94 |
| 78 | 19 | 200434402 | Clone | 19-Dec-00 | 173 | 3 | 79.7 | 2 | 3 | 2 | 5.70 | 6.85 | 52.52 | 7.58 | 12.06 |
| 79 | 20 | 200432310 | Clone | 19-Dec-00 | 163 | 3 | 79.3 | 2 | 3 | 3 | 5.70 | 5.79 | 54.93 | 7.30 | 13.24 |
| 80 | 21 | 200432308 | Clone | 19-Dec-00 | 170 | 3 | 80.3 | 2 | 3 | 3 | 5.60 | 5.85 | 54.60 | 6.88 | 13.50 |
| 81 | 22 | 200432406 | Clone | 19-Dec-00 | 184 | 3 | 79.5 | 2 | 3 | 3 | 5.70 | 6.27 | 56.59 | 7.52 | 15.48 |
| 82 | 23 | 200432706 | Clone | 19-Dec-00 | 163 | 3 | 78.5 | 2 | 3 | 3 | 5.80 | 5.72 | 55.71 | 7.11 | 13.24 |
| 83 | 24 | 200434601 | Clone | 19-Dec-00 | 163 | 3 | 80.0 | 2 | 3 | 3 | 5.70 | 6.85 | 50.60 | 10.48 | 12.22 |
| 84 | 25 | 200432705 | Clone | 19-Dec-00 | 173 | 3 | 77.3 | 2 | 3 | 3 | 5.80 | 6.10 | 56.72 | 8.31 | 15.46 |
| 85 | 26 | 200434401 | Clone | 19-Dec-00 | 167 | 3 | 79.0 | 2 | 3 | 3 | 5.60 | 6.82 | 56.92 | 7.94 | 15.62 |
| 86 | 1 | 200433505 | Control | 20-Dec-00 | 170 | 3 | 83.3 | 2 | 3 | 3 | 5.80 | 7.04 | 52.01 | 7.60 | 12.66 |
| 87 | 2 | 200434206 | Control | 20-Dec-00 | 171 | 3 | 80.8 | 2 | 3 | 4 | 5.80 | 6.39 | 57.63 | 8.09 | 14.77 |
| 88 | 3 | 200432602 | Control | 20-Dec-00 | 170 | 3 | 82.0 | 2 | 3 | 2 | 6.00 | 6.55 | 53.67 | 6.82 | 12.69 |
| 89 | 4 | 200438511 | Control | 20-Dec-00 | 181 | 3 | 82.0 | 2 | 3 | 3 | 5.70 | 6.45 | 58.36 | 7.50 | 14.77 |
| 90 | 5 | 200438408 | Control | 20-Dec-00 | 173 | 3 | 84.0 | 2 | 3 | 3 | 5.70 | 6.87 | 57.83 | 6.85 | 13.37 |
| 91 | 6 | 200438513 | Control | 20-Dec-00 | 172 | 3 | 79.2 | 2 | 3 | 4 | 6.00 | 6.20 | 62.82 | 4.70 | 14.05 |
| 92 | 7 | 200433405 | Control | 20-Dec-00 | 166 | 3 | 83.5 | 2 | 3 | 2 | 5.60 | 6.53 | 55.53 | 6.27 | 13.30 |
| 93 | 8 | 200435302 | Control | 20-Dec-00 | 164 | 3 | 81.4 | 2 | 3 | 3 | 5.70 | 6.51 | 56.56 | 7.15 | 14.30 |
| 94 | 9 | 200435311 | Control | 20-Dec-00 | 177 | 3 | 81.2 | 2 | 3 | 3 | 5.80 | 6.31 | 58.09 | 7.87 | 14.69 |
| 95 | 10 | 200435407 | Control | 20-Dec-00 | 164 | 3 | 81.3 | 2 | 3 | 2 | 5.70 | 5.27 | 57.60 | 8.27 | 14.53 |
| 96 | 11 | 200433512 | Control | 20-Dec-00 | 161 | 3 | 81.3 | 2 | 3 | 2 | 5.60 | 6.05 | 54.39 | 7.39 | 12.64 |

| Total Number | Day Order | Marc Animal ID | Treatment (Control/Clone) | Slaughter Date | Hot Carcass Weight/lbs | USDA CARCASS MUSCLE (1-3) | CARCASS LENGTH (cm) | FIRMNESS (1-3) | COLOR (1-6) | MARBLING (1-6, 10) | Longissimus pH (24 hr) | LOINEYE AREA ($in^2$) | hunter (L*) | hunter (a*) | hunter (B*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97 | 12 | 200434808 | Control | 20-Dec-00 | 168 | 3 | 80.5 | 2 | 3 | 3 | 5.60 | 5.47 | 54.68 | 8.27 | 14.06 |
| 98 | 13 | 200432607 | Control | 20-Dec-00 | 179 | 3 | 81.0 | 2 | 3 | 3 | 5.70 | 8.05 | 58.68 | 5.47 | 14.51 |
| 99 | 14 | 200430510 | Control | 20-Dec-00 | 168 | 3 | 80.4 | 2 | 3 | 3 | 5.80 | 6.55 | 54.71 | 8.31 | 13.67 |
| 100 | 15 | 200431805 | Control | 20-Dec-00 | 159 | 3 | 77.5 | 2 | 3 | 2 | 5.80 | 5.80 | 55.26 | 6.84 | 13.31 |
| 101 | 16 | 200434807 | Control | 20-Dec-00 | 166 | 3 | 83.0 | 2 | 3 | 3 | 5.90 | 6.08 | 53.50 | 7.89 | 13.31 |
| 102 | 17 | 200433306 | Control | 20-Dec-00 | 176 | 3 | 79.7 | 2 | 3 | 4 | 6.10 | 6.40 | 58.04 | 7.83 | 15.93 |
| 103 | 18 | 200434005 | Control | 20-Dec-00 | 165 | 3 | 81.0 | 2 | 3 | 4 | 5.70 | 5.59 | 58.23 | 7.01 | 13.79 |
| 104 | 19 | 200432610 | Control | 20-Dec-00 | 172 | 3 | 81.5 | 2 | 3 | 3 | 6.00 | 6.16 | 54.60 | 6.96 | 13.51 |
| 105 | 20 | 200435404 | Control | 20-Dec-00 | 166 | 3 | 84.8 | 2 | 3 | 1 | 5.60 | 6.38 | 56.91 | 6.58 | 12.85 |
| 106 | 21 | 200433511 | Control | 20-Dec-00 | 164 | 3 | 80.6 | 2 | 3 | 2 | 5.60 | 6.46 | 56.26 | 6.61 | 13.02 |
| 107 | 22 | 200433307 | Control | 20-Dec-00 | 171 | 3 | 80.0 | 2 | 3 | 4 | 5.70 | 5.12 | 58.14 | 6.40 | 14.58 |
| 108 | 23 | 200434003 | Control | 20-Dec-00 | 160 | 3 | 80.5 | 2 | 3 | 3 | 5.70 | 5.79 | 57.48 | 7.57 | 13.58 |
| 109 | 24 | 200433408 | Control | 20-Dec-00 | 173 | 3 | 81.7 | 2 | 3 | 2 | 5.90 | 6.61 | 49.95 | 10.30 | 12.72 |
| 110 | 25 | 200432907 | Control | 20-Dec-00 | 170 | 3 | 82.0 | 2 | 3 | 3 | 5.70 | 6.31 | 54.33 | 8.64 | 13.77 |
| 111 | 26 | 200432913 | Control | 20-Dec-00 | 157 | 3 | 81.2 | 2 | 3 | 3 | 5.90 | 5.36 | 54.01 | 8.07 | 14.40 |
| 112 | 27 | 200432601 | Control | 20-Dec-00 | 172 | 3 | 82.0 | 2 | 3 | 3 | 5.80 | 7.54 | 55.38 | 7.75 | 12.92 |
| 113 | 28 | 200434203 | Control | 20-Dec-00 | 169 | 3 | 80.0 | 2 | 3 | 3 | 5.80 | 6.11 | 58.95 | 6.23 | 14.01 |
| 114 | 29 | 200434901 | Control | 20-Dec-00 | 163 | 3 | 80.6 | 2 | 3 | 2 | 5.90 | 7.22 | 53.17 | 7.45 | 12.20 |
| 115 | 30 | 200434806 | Control | 20-Dec-00 | 166 | 3 | 82.0 | 2 | 3 | 3 | 5.80 | 5.42 | 53.91 | 7.43 | 12.97 |
| 116 | 1 | 200431801 | Control | 26-Dec-00 | 168 | 3 | 81.7 | 2 | 3 | 3 | 5.70 | 7.23 | 55.22 | 8.50 | 13.71 |
| 117 | 2 | 200435308 | Control | 26-Dec-00 | 164 | 3 | 82.0 | 2 | 3 | 3 | 5.70 | 5.89 | 56.10 | 6.99 | 13.97 |
| 118 | 3 | 200434902 | Control | 26-Dec-00 | 166 | 3 | 80.3 | 2 | 3 | 3 | 5.70 | 6.19 | 53.34 | 8.34 | 12.89 |
| 119 | 4 | 200436303 | Control | 26-Dec-00 | 156 | 3 | 78.8 | 2 | 3 | 3 | 5.80 | 7.76 | 56.94 | 7.62 | 14.19 |
| 120 | 5 | 200438401 | Control | 26-Dec-00 | 163 | 3 | 82.0 | 2 | 3 | 2 | 5.70 | 7.04 | 55.90 | 6.37 | 12.76 |
| 121 | 6 | 200435412 | Control | 26-Dec-00 | 159 | 3 | 79.7 | 2 | 3 | 3 | 5.70 | 6.31 | 56.88 | 8.05 | 14.57 |
| 122 | 7 | 200438404 | Control | 26-Dec-00 | 167 | 3 | 82.5 | 2 | 3 | 3 | 5.90 | 7.00 | 59.66 | 5.13 | 13.37 |
| 123 | 8 | 200436309 | Control | 26-Dec-00 | 169 | 3 | 80.5 | 2 | 3 | 2 | 5.70 | 5.78 | 57.45 | 7.25 | 13.99 |
| 124 | 9 | 200438406 | Control | 26-Dec-00 | 173 | 3 | 83.0 | 2 | 3 | 2 | 5.70 | 6.79 | 53.71 | 7.95 | 13.73 |
| 125 | 10 | 200437309 | Control | 26-Dec-00 | 171 | 3 | 83.0 | 2 | 3 | 3 | 6.00 | 5.66 | 57.80 | 10.07 | 16.92 |
| 126 | 11 | 200434007 | Control | 26-Dec-00 | 180 | 3 | 81.8 | 2 | 3 | 3 | 6.00 | 5.56 | 56.30 | 6.83 | 13.81 |
| 127 | 12 | 200440605 | Control | 26-Dec-00 | 170 | 3 | 83.5 | 2 | 3 | 2 | 5.70 | 6.09 | 56.90 | 5.19 | 13.35 |
| 128 | 13 | 200438505 | Control | 26-Dec-00 | 169 | 3 | 80.7 | 2 | 3 | 3 | 5.70 | 7.70 | 56.85 | 6.45 | 13.11 |

| Total Number | Day Order | Marc Animal ID | Treatment (Control/Clone) | Slaughter Date | Hot Carcass Weight/lbs | USDA CARCASS MUSCLE (1-3) | CARCASS LENGTH (cm) | FIRMNESS (1-3) | COLOR (1-6) | MARBLING (1-6, 10) | Longissimus pH (24 hr) | LOINEYE AREA ($in^2$) | hunter (L*) | hunter (a*) | hunter (B*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 129 | 14 | 200434809 | Control | 26-Dec-00 | 164 | 3 | 82.0 | 2 | 3 | 4 | 5.70 | 5.15 | 53.86 | 7.98 | 14.65 |
| 130 | 15 | 200439210 | Control | 26-Dec-00 | 171 | 3 | 80.5 | 2 | 3 | 3 | 5.60 | 8.27 | 56.39 | 5.59 | 13.20 |
| 131 | 16 | 200431704 | Clone | 26-Dec-00 | 173 | 3 | 79.5 | 2 | 3 | 3 | 5.70 | 6.26 | 58.11 | 6.28 | 14.26 |
| 132 | 17 | 200436010 | Clone | 26-Dec-00 | 173 | 3 | 83.0 | 2 | 3 | 2 | 5.70 | 7.01 | 56.83 | 7.60 | 14.76 |
| 133 | 18 | 200431703 | Clone | 26-Dec-00 | 174 | 3 | 82.5 | 2 | 3 | 3 | 5.70 | 6.54 | 54.53 | 8.33 | 14.18 |
| 134 | 19 | 200431706 | Clone | 26-Dec-00 | 175 | 3 | 81.0 | 2 | 3 | 4 | 5.60 | 4.98 | 57.62 | 10.79 | 17.80 |
| 135 | 20 | 200431403 | Clone | 26-Dec-00 | 156 | 3 | 79.5 | 2 | 3 | 3 | 5.60 | 6.42 | 55.46 | 6.02 | 12.61 |
| 136 | 21 | 200431401 | Clone | 26-Dec-00 | 161 | 3 | 83.5 | 2 | 3 | 2 | 5.80 | 7.98 | 54.95 | 8.40 | 13.85 |
| 137 | 22 | 200430802 | Clone | 26-Dec-00 | 175 | 3 | 84.0 | 2 | 3 | 2 | 5.60 | 6.82 | 57.59 | 7.62 | 14.70 |
| 138 | 23 | 200432402 | Clone | 26-Dec-00 | 164 | 3 | 79.3 | 2 | 3 | 2 | 5.60 | 6.84 | 56.92 | 6.82 | 14.06 |
| 139 | 24 | 200433803 | Clone | 26-Dec-00 | 171 | 3 | 77.7 | 2 | 3 | 3 | 5.70 | 6.90 | 57.14 | 7.04 | 13.93 |
| 140 | 25 | 200437404 | Clone | 26-Dec-00 | 166 | 3 | 79.3 | 2 | 3 | 4 | 5.80 | 6.49 | 55.51 | 6.17 | 13.45 |
| 141 | 26 | 200433602 | Clone | 26-Dec-00 | 175 | 3 | 81.0 | 2 | 3 | 2 | 5.60 | 6.47 | 56.20 | 7.70 | 14.41 |
| 142 | 27 | 200430704 | Clone | 26-Dec-00 | 167 | 3 | 79.6 | 2 | 3 | 2 | 5.70 | 7.18 | 56.48 | 6.47 | 13.79 |
| 143 | 28 | 200436402 | Clone | 26-Dec-00 | 166 | 3 | 80.0 | 2 | 3 | 3 | 5.70 | 6.49 | 59.67 | 5.98 | 14.76 |
| 144 | 29 | 200437802 | Clone | 26-Dec-00 | 175 | 3 | 79.0 | 2 | 3 | 3 | 5.90 | 7.43 | 52.47 | 8.83 | 14.27 |
| 145 | 30 | 200433206 | Clone | 26-Dec-00 | 170 | 3 | 79.5 | 2 | 3 | 2 | 5.60 | 6.50 | 55.14 | 8.20 | 14.82 |
| 146 | 31 | 200432105 | Clone | 26-Dec-00 | 154 | 3 | 79.5 | 2 | 3 | 2 | 5.70 | 5.01 | 55.03 | 7.87 | 14.50 |
| 147 | 32 | 200432702 | Clone | 26-Dec-00 | 176 | 3 | 81.7 | 2 | 3 | 3 | 5.80 | 6.51 | 51.79 | 10.01 | 14.32 |
| 148 | 33 | 200437801 | Clone | 26-Dec-00 | 178 | 3 | 82.5 | 2 | 3 | 3 | 5.80 | 7.61 | 57.21 | 7.09 | 13.99 |
| 149 | 34 | 200438107 | Clone | 26-Dec-00 | 171 | 3 | 78.5 | 2 | 3 | 6 | 5.70 | 6.33 | 62.81 | 6.99 | 15.57 |
| 150 | 35 | 200433809 | Clone | 26-Dec-00 | 179 | 3 | 80.0 | 2 | 3 | 3 | 5.70 | 6.83 | 58.90 | 6.22 | 14.56 |
| 151 | 1 | 200435401 | Control | 28-Dec-00 | 165 | 3 | 81.2 | 2 | 3 | 3 | 5.80 | 6.23 | 55.48 | 7.77 | 13.98 |
| 152 | 2 | 200433404 | Control | 28-Dec-00 | 179 | 3 | 83.5 | 2 | 3 | 3 | 5.70 | 7.76 | 56.01 | 6.55 | 14.08 |
| 153 | 3 | 200439206 | Control | 28-Dec-00 | 178 | 3 | 83.0 | 2 | 3 | 3 | 5.80 | 7.46 | 57.50 | 6.85 | 14.01 |
| 154 | 4 | 200432604 | Control | 28-Dec-00 | 182 | 3 | 83.2 | 2 | 3 | 3 | 5.90 | 7.23 | 55.84 | 6.62 | 13.57 |
| 155 | 5 | 200434310 | Control | 28-Dec-00 | 176 | 3 | 80.0 | 2 | 3 | 4 | 5.80 | 6.36 | 59.71 | 5.82 | 14.84 |
| 156 | 6 | 200434004 | Control | 28-Dec-00 | 178 | 3 | 82.0 | 2 | 3 | 3 | 5.80 | 6.71 | 57.19 | 7.78 | 14.04 |
| 157 | 7 | 200435413 | Control | 28-Dec-00 | 163 | 3 | 79.7 | 2 | 3 | 3 | 5.70 | 6.03 | 57.39 | 7.49 | 14.88 |
| 158 | 8 | 200440602 | Control | 28-Dec-00 | 178 | 3 | 81.5 | 2 | 3 | 4 | 5.90 | 5.93 | 55.79 | 7.11 | 14.19 |
| 159 | 9 | 200432909 | Control | 28-Dec-00 | 166 | 3 | 82.5 | 2 | 3 | 3 | 5.80 | 5.89 | 54.76 | 8.15 | 13.88 |
| 160 | 10 | 200439202 | Control | 28-Dec-00 | 164 | 3 | 81.5 | 2 | 3 | 3 | 5.70 | 7.63 | 51.91 | 8.93 | 13.67 |

| Total Number | Day Order | Marc Animal ID | Treatment (Control/Clone) | Slaughter Date | Hot Carcass Weight/lbs | USDA CARCASS MUSCLE (1-3) | CARCASS LENGTH (cm) | FIRMNESS (1-3) | COLOR (1-6) | MARBLING (1-6, 10) | Longissimus pH (24 hr) | LOINEYE AREA ($in^2$) | hunter (L*) | hunter (a*) | hunter (B*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 161 | 11 | 200434802 | Control | 28-Dec-00 | 169 | 3 | 82.4 | 2 | 3 | 3 | 5.70 | 6.26 | 55.42 | 8.96 | 15.25 |
| 162 | 12 | 200434201 | Control | 28-Dec-00 | 163 | 3 | 82.3 | 2 | 3 | 3 | 5.80 | 6.43 | 53.68 | 8.62 | 12.71 |
| 163 | 13 | 200439406 | Control | 28-Dec-00 | 178 | 3 | 79.0 | 2 | 3 | 3 | 5.80 | 8.05 | 57.12 | 6.77 | 14.26 |
| 164 | 14 | 200435402 | Control | 28-Dec-00 | 174 | 3 | 83.2 | 2 | 3 | 3 | 5.80 | 6.85 | 53.25 | 8.28 | 13.76 |
| 165 | 15 | 200435306 | Control | 28-Dec-00 | 173 | 3 | 80.5 | 2 | 3 | 3 | 5.80 | 5.55 | 56.01 | 8.99 | 15.43 |
| 166 | 16 | 200432002 | Clone | 28-Dec-00 | 164 | 3 | 79.0 | 2 | 3 | 2 | 5.70 | 7.01 | 52.34 | 7.63 | 11.93 |
| 167 | 17 | 200432101 | Clone | 28-Dec-00 | 169 | 3 | 81.5 | 2 | 3 | 2 | 5.80 | 6.68 | 53.63 | 8.55 | 13.51 |
| 168 | 18 | 200432503 | Clone | 28-Dec-00 | 175 | 3 | 84.0 | 2 | 3 | 3 | 6.10 | 6.19 | 58.90 | 7.23 | 14.78 |
| 169 | 19 | 200431607 | Clone | 28-Dec-00 | 185 | 3 | 81.8 | 2 | 3 | 2 | 6.10 | 6.65 | 57.22 | 7.64 | 15.19 |
| 170 | 20 | 200433710 | Clone | 28-Dec-00 | 186 | 3 | 79.7 | 2 | 3 | 4 | 5.70 | 7.42 | 57.77 | 6.55 | 14.43 |
| 171 | 21 | 200436405 | Clone | 28-Dec-00 | 166 | 3 | 82.4 | 2 | 3 | 3 | 5.70 | 6.93 | 58.08 | 6.24 | 14.59 |
| 172 | 22 | 200432006 | Clone | 28-Dec-00 | 176 | 3 | 81.0 | 2 | 3 | 2 | 5.70 | 5.95 | 56.75 | 6.51 | 14.52 |
| 173 | 23 | 200430803 | Clone | 28-Dec-00 | 170 | 3 | 81.3 | 2 | 3 | 3 | 5.80 | 5.91 | 53.88 | 9.63 | 14.77 |
| 174 | 24 | 200436911 | Clone | 28-Dec-00 | 171 | 3 | 80.0 | 2 | 3 | 4 | 5.80 | 5.91 | 57.32 | 6.81 | 15.01 |
| 175 | 25 | 200433604 | Clone | 28-Dec-00 | 176 | 3 | 82.5 | 2 | 3 | 3 | 6.10 | 6.50 | 54.68 | 10.11 | 15.08 |
| 176 | 26 | 200432501 | Clone | 28-Dec-00 | 177 | 3 | 81.0 | 2 | 3 | 2 | 6.10 | 7.18 | 54.12 | 8.83 | 14.29 |
| 177 | 27 | 200433207 | Clone | 28-Dec-00 | 175 | 3 | 79.3 | 2 | 3 | 3 | 5.70 | 5.11 | 55.93 | 8.97 | 16.17 |
| 178 | 28 | 200432302 | Clone | 28-Dec-00 | 149 | 3 | 78.3 | 2 | 3 | 3 | 5.70 | 6.23 | 52.13 | 7.50 | 13.36 |
| 179 | 29 | 200433804 | Clone | 28-Dec-00 | 168 | 3 | 78.0 | 2 | 3 | 3 | 5.60 | 6.79 | 57.35 | 7.31 | 14.46 |
| 180 | 30 | 200435802 | Clone | 28-Dec-00 | 176 | 3 | 77.5 | 2 | 3 | 4 | 5.80 | 6.40 | 56.25 | 7.63 | 14.12 |
| 181 | 31 | 200433808 | Clone | 28-Dec-00 | 155 | 3 | 79.5 | 2 | 3 | 3 | 5.80 | 6.90 | 56.90 | 6.65 | 14.67 |
| 182 | 32 | 200430606 | Clone | 28-Dec-00 | 174 | 3 | 80.0 | 2 | 3 | 3 | 5.80 | 5.22 | 54.57 | 6.99 | 13.80 |
| 183 | 1 | 200433402 | Control | 02-Jan-01 | 177 | 3 | 85.5 | 2 | 3 | 2 | 5.70 | 7.46 | 56.54 | 7.47 | 13.86 |
| 184 | 2 | 200433504 | Control | 02-Jan-01 | 176 | 3 | 81.0 | 2 | 3 | 3 | 5.80 | 8.44 | 55.13 | 7.14 | 13.80 |
| 185 | 3 | 200430502 | Control | 02-Jan-01 | 185 | 3 | 84.2 | 2 | 3 | 3 | 5.70 | 6.56 | 57.36 | 7.21 | 14.78 |
| 186 | 4 | 200433403 | Control | 02-Jan-01 | 187 | 3 | 81.7 | 2 | 3 | 3 | 5.90 | 6.64 | 57.49 | 7.16 | 14.16 |
| 187 | 5 | 200436310 | Control | 02-Jan-01 | 175 | 3 | 80.0 | 2 | 3 | 3 | 6.00 | 5.61 | 58.27 | 6.42 | 14.75 |
| 188 | 6 | 200438503 | Control | 02-Jan-01 | 177 | 3 | 81.3 | 2 | 3 | 3 | 5.70 | 7.15 | 56.27 | 6.97 | 13.30 |
| 189 | 7 | 200440601 | Control | 02-Jan-01 | 181 | 3 | 83.2 | 2 | 3 | 5 | 5.80 | 7.60 | 55.74 | 7.67 | 13.84 |
| 190 | 8 | 200435409 | Control | 02-Jan-01 | 184 | 3 | 83.5 | 2 | 3 | 3 | 5.80 | 6.07 | 55.15 | 7.11 | 13.75 |
| 191 | 9 | 200434009 | Control | 02-Jan-01 | 177 | 3 | 78.2 | 2 | 3 | 5 | 5.90 | 6.50 | 57.36 | 7.47 | 13.67 |
| 192 | 10 | 200440901 | Control | 02-Jan-01 | 179 | 3 | 85.0 | 2 | 3 | 2 | 5.90 | 8.76 | 54.89 | 6.94 | 13.15 |

| Total Number | Day Order | Marc Animal ID | Treatment (Control/Clone) | Slaughter Date | Hot Carcass Weight/lbs | USDA CARCASS MUSCLE (1-3) | CARCASS LENGTH (cm) | FIRMNESS (1-3) | COLOR (1-6) | MARBLING (1-6, 10) | Longissimus pH (24 hr) | LOINEYE AREA ($in^2$) | hunter (L*) | hunter (a*) | hunter (B*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 193 | 11 | 200440906 | Control | 02-Jan-01 | 162 | 3 | 83.5 | 2 | 3 | 2 | 5.80 | 7.49 | 56.18 | 7.71 | 15.06 |
| 194 | 12 | 200433501 | Control | 02-Jan-01 | 172 | 3 | 82.0 | 2 | 3 | 1 | 5.90 | 7.37 | 56.63 | 8.17 | 14.52 |
| 195 | 13 | 200430509 | Control | 02-Jan-01 | 183 | 3 | 81.6 | 2 | 3 | 3 | 5.80 | 6.80 | 57.60 | 6.86 | 13.94 |
| 196 | 14 | 200436305 | Control | 02-Jan-01 | 176 | 3 | 81.7 | 2 | 3 | 2 | 5.80 | 6.48 | 55.10 | 7.15 | 14.03 |
| 197 | 15 | 200431012 | Clone | 02-Jan-01 | 191 | 3 | 83.5 | 2 | 3 | 4 | 5.80 | 6.16 | 55.68 | 6.26 | 14.26 |
| 198 | 16 | 200437501 | Clone | 02-Jan-01 | 172 | 3 | 84.3 | 2 | 3 | 3 | 6.00 | 6.79 | 56.16 | 6.95 | 13.70 |
| 199 | 17 | 200433203 | Clone | 02-Jan-01 | 188 | 3 | 82.5 | 2 | 3 | 3 | 5.70 | 7.34 | 55.02 | 9.45 | 15.16 |
| 200 | 18 | 200436006 | Clone | 02-Jan-01 | 181 | 3 | 83.0 | 2 | 3 | 1 | 5.70 | 8.02 | 55.18 | 7.84 | 13.99 |
| 201 | 19 | 200434608 | Clone | 02-Jan-01 | 177 | 3 | 84.3 | 2 | 3 | 3 | 5.70 | 6.66 | 54.34 | 8.43 | 14.71 |
| 202 | 20 | 200430608 | Clone | 02-Jan-01 | 183 | 3 | 82.0 | 2 | 3 | 3 | 5.70 | 6.20 | 54.79 | 7.91 | 14.41 |
| 203 | 21 | 200431007 | Clone | 02-Jan-01 | 180 | 3 | 84.0 | 2 | 3 | 3 | 5.70 | 7.78 | 55.29 | 7.61 | 13.76 |
| 204 | 22 | 200433806 | Clone | 02-Jan-01 | 182 | 3 | 78.3 | 2 | 3 | 3 | 5.80 | 6.44 | 54.19 | 7.81 | 14.73 |
| 205 | 23 | 200432007 | Clone | 02-Jan-01 | 162 | 3 | 78.5 | 2 | 3 | 2 | 5.60 | 7.08 | 54.80 | 7.28 | 13.88 |
| 206 | 24 | 200431402 | Clone | 02-Jan-01 | 180 | 3 | 83.4 | 2 | 3 | 2 | 5.70 | 8.06 | 52.70 | 8.24 | 13.56 |
| 207 | 25 | 200432104 | Clone | 02-Jan-01 | 181 | 3 | 82.7 | 2 | 3 | 3 | 5.80 | 5.99 | 56.86 | 7.45 | 14.61 |
| 208 | 26 | 200431409 | Clone | 02-Jan-01 | 190 | 3 | 86.0 | 2 | 3 | 2 | 5.80 | 5.93 | 53.61 | 8.49 | 13.90 |
| 209 | 27 | 200437510 | Clone | 02-Jan-01 | 178 | 3 | 84.3 | 2 | 3 | 4 | 5.70 | 6.09 | 57.38 | 7.15 | 15.41 |
| 210 | 28 | 200436404 | Clone | 02-Jan-01 | 177 | 3 | 86.1 | 2 | 3 | 3 | 5.70 | 5.93 | 58.35 | 7.24 | 15.66 |
| 211 | 29 | 200433712 | Clone | 02-Jan-01 | 183 | 3 | 81.0 | 2 | 3 | 4 | 6.00 | 7.25 | 56.23 | 8.16 | 14.15 |
| 212 | 30 | 200436610 | Clone | 02-Jan-01 | 166 | 3 | 77.4 | 2 | 3 | 4 | 5.70 | 6.23 | 57.22 | 7.12 | 14.62 |
| 213 | 31 | 200437804 | Clone | 02-Jan-01 | 181 | 3 | 78.7 | 2 | 3 | 4 | 5.80 | 6.94 | 55.79 | 7.32 | 14.26 |
| 214 | 1 | 200437302 | Control | 05-Jan-01 | 181 | 3 | 87.7 | 2 | 3 | 3 | 5.70 | 6.51 | 56.51 | 6.52 | 13.92 |
| 215 | 2 | 200433507 | Control | 05-Jan-01 | 174 | 3 | 86.0 | 2 | 3 | 3 | 5.70 | 6.49 | 56.84 | 6.54 | 14.00 |
| 216 | 3 | 200434306 | Control | 05-Jan-01 | 178 | 3 | 81.5 | 2 | 3 | 3 | 5.70 | 6.72 | 56.58 | 7.27 | 14.15 |
| 217 | 4 | 200433503 | Control | 05-Jan-01 | 173 | 3 | 82.5 | 2 | 3 | 3 | 5.70 | 6.57 | 54.30 | 7.94 | 13.29 |
| 218 | 5 | 200430501 | Control | 05-Jan-01 | 180 | 3 | 82.0 | 2 | 3 | 2 | 5.90 | 7.83 | 56.35 | 6.41 | 13.49 |
| 219 | 6 | 200440603 | Control | 05-Jan-01 | 187 | 3 | 82.7 | 2 | 3 | 4 | 5.80 | 6.42 | 57.90 | 6.19 | 14.09 |
| 220 | 7 | 200435410 | Control | 05-Jan-01 | 176 | 3 | 82.2 | 2 | 3 | 3 | 5.60 | 6.85 | 56.00 | 8.16 | 13.92 |
| 221 | 8 | 200434008 | Control | 05-Jan-01 | 184 | 3 | 82.5 | 2 | 3 | 4 | 5.80 | 6.45 | 55.68 | 8.01 | 13.90 |
| 222 | 9 | 200435411 | Control | 05-Jan-01 | 183 | 3 | 82.7 | 2 | 2 | 1 | 5.60 | 6.07 | 60.44 | 8.66 | 15.65 |
| 223 | 10 | 200438706 | Control | 05-Jan-01 | 177 | 3 | 83.0 | 2 | 3 | 4 | 5.70 | 6.16 | 63.35 | 4.94 | 14.34 |
| 224 | 11 | 200439208 | Control | 05-Jan-01 | 171 | 3 | 81.0 | 2 | 3 | 3 | 5.70 | 7.14 | 53.85 | 8.28 | 13.65 |

| Total Number | Day Order | Marc Animal ID | Treatment (Control/Clone) | Slaughter Date | Hot Carcass Weight/lbs | USDA CARCASS MUSCLE (1-3) | CARCASS LENGTH (cm) | FIRMNESS (1-3) | COLOR (1-6) | MARBLING (1-6, 10) | Longissimus pH (24 hr) | LOINEYE AREA ($in^2$) | hunter (L*) | hunter (a*) | hunter (B*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 225 | 12 | 200440911 | Control | 05-Jan-01 | 171 | 3 | 80.7 | 2 | 3 | 3 | 5.60 | 6.83 | 58.08 | 6.99 | 13.30 |
| 226 | 13 | 200435305 | Control | 05-Jan-01 | 185 | 3 | 84.4 | 2 | 3 | 3 | 5.70 | 6.67 | 51.62 | 7.53 | 12.53 |
| 227 | 14 | 200433502 | Control | 05-Jan-01 | 177 | 3 | 84.0 | 2 | 3 | 1 | 5.60 | 8.93 | 54.70 | 6.48 | 12.49 |
| 228 | 15 | 200435301 | Control | 05-Jan-01 | 185 | 3 | 86.6 | 2 | 3 | 2 | 5.60 | 6.91 | 53.85 | 7.46 | 13.97 |
| 229 | 16 | 200434303 | Control | 05-Jan-01 | 154 | 3 | 85.0 | 2 | 3 | 2 | 5.80 | 6.72 | 55.49 | 6.48 | 13.07 |
| 230 | 17 | 200431603 | Clone | 05-Jan-01 | 181 | 3 | 83.5 | 2 | 3 | 1 | 5.60 | 8.15 | 53.46 | 7.43 | 12.37 |
| 231 | 18 | 200433003 | Clone | 05-Jan-01 | 173 | 3 | 84.0 | 2 | 3 | 3 | 5.60 | 6.46 | 55.42 | 5.92 | 13.20 |
| 232 | 19 | 200432312 | Clone | 05-Jan-01 | 176 | 3 | 79.5 | 2 | 3 | 4 | 5.70 | 6.23 | 56.54 | 6.77 | 14.20 |
| 233 | 20 | 200432005 | Clone | 05-Jan-01 | 180 | 3 | 80.0 | 2 | 3 | 3 | 5.60 | 5.81 | 57.67 | 6.41 | 14.43 |
| 234 | 21 | 200436902 | Clone | 05-Jan-01 | 172 | 3 | 81.0 | 2 | 3 | 4 | 5.60 | 8.06 | 52.95 | 8.28 | 12.93 |
| 235 | 22 | 200436002 | Clone | 05-Jan-01 | 177 | 3 | 84.2 | 2 | 3 | 3 | 5.60 | 7.99 | 53.16 | 7.85 | 13.31 |
| 236 | 23 | 200431410 | Clone | 05-Jan-01 | 174 | 3 | 85.8 | 2 | 3 | 2 | 5.60 | 7.37 | 51.64 | 9.40 | 13.20 |
| 237 | 24 | 200432401 | Clone | 05-Jan-01 | 176 | 3 | 83.0 | 2 | 3 | 2 | 5.60 | 6.92 | 58.10 | 6.54 | 13.40 |
| 238 | 25 | 200432102 | Clone | 05-Jan-01 | 180 | 3 | 83.4 | 2 | 3 | 3 | 5.60 | 7.10 | 54.77 | 6.27 | 13.30 |
| 239 | 26 | 200436013 | Clone | 05-Jan-01 | 176 | 3 | 85.5 | 2 | 3 | 3 | 5.70 | 6.00 | 55.61 | 6.26 | 12.76 |
| 240 | 27 | 200432504 | Clone | 05-Jan-01 | 170 | 3 | 81.7 | 2 | 3 | 3 | 5.60 | 7.05 | 57.77 | 6.29 | 14.06 |
| 241 | 28 | 200438106 | Clone | 05-Jan-01 | 179 | 3 | 83.5 | 2 | 3 | 4 | 5.60 | 7.05 | 56.52 | 7.78 | 14.39 |
| 242 | 29 | 200432001 | Clone | 05-Jan-01 | 182 | 3 | 82.0 | 2 | 3 | 2 | 5.60 | 7.85 | 52.92 | 7.40 | 12.41 |
| 243 | 30 | 200438105 | Clone | 05-Jan-01 | 170 | 3 | 83.0 | 2 | 3 | 4 | 5.60 | 6.63 | 57.48 | 7.85 | 15.03 |
| 244 | 31 | 200431506 | Clone | 05-Jan-01 | 175 | 3 | 80.2 | 2 | 3 | 3 | 5.70 | 6.46 | 58.12 | 4.61 | 13.76 |
| 245 | 32 | 200437408 | Clone | 05-Jan-01 | 179 | 3 | 83.5 | 2 | 3 | 5 | 5.70 | 6.36 | 62.55 | 3.91 | 14.33 |
| 246 | 1 | 200433506 | Control | 09-Jan-01 | 186 | 3 | 85.0 | 2 | 3 | 3 | 5.60 | 7.12 | 56.82 | 6.83 | 13.78 |
| 247 | 2 | 200434302 | Control | 09-Jan-01 | 184 | 3 | 86.5 | 2 | 3 | 3 | 5.70 | 6.84 | 57.92 | 7.07 | 14.60 |
| 248 | 3 | 200434903 | Control | 09-Jan-01 | 183 | 3 | 82.5 | 2 | 3 | 4 | 5.70 | 7.87 | 53.86 | 7.67 | 12.63 |
| 249 | 4 | 200435405 | Control | 09-Jan-01 | 177 | 3 | 84.0 | 2 | 3 | 3 | 5.70 | 6.48 | 57.31 | 7.55 | 14.09 |
| 250 | 5 | 200434905 | Control | 09-Jan-01 | 185 | 3 | 81.5 | 2 | 3 | 3 | 5.90 | 6.67 | 55.96 | 6.27 | 13.49 |
| 251 | 6 | 200432906 | Control | 09-Jan-01 | 183 | 3 | 86.7 | 2 | 3 | 3 | 5.90 | 7.15 | 51.41 | 8.33 | 12.69 |
| 252 | 7 | 200435310 | Control | 09-Jan-01 | 183 | 3 | 86.5 | 2 | 3 | 3 | 5.90 | 6.21 | 51.76 | 8.48 | 13.73 |
| 253 | 8 | 200438402 | Control | 09-Jan-01 | 183 | 3 | 83.3 | 2 | 3 | 3 | 5.70 | 6.68 | 54.68 | 7.56 | 13.23 |
| 254 | 9 | 200438501 | Control | 09-Jan-01 | 187 | 3 | 84.0 | 2 | 3 | 3 | 5.70 | 6.92 | 53.47 | 8.12 | 13.49 |
| 255 | 10 | 200434803 | Control | 09-Jan-01 | 176 | 3 | 85.3 | 2 | 3 | 4 | 5.80 | 5.35 | 51.94 | 8.14 | 12.76 |
| 256 | 11 | 200432904 | Control | 09-Jan-01 | 175 | 3 | 87.7 | 2 | 3 | 3 | 5.80 | 6.58 | 55.79 | 6.44 | 12.95 |

| Total Number | Day Order | Marc Animal ID | Treatment (Control/Clone) | Slaughter Date | Hot Carcass Weight/lbs | USDA CARCASS MUSCLE (1-3) | CARCASS LENGTH (cm) | FIRMNESS (1-3) | COLOR (1-6) | MARBLING (1-6, 10) | Longissimus pH (24 hr) | LOINEYE AREA ($in^2$) | hunter (L*) | hunter (a*) | hunter (B*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 257 | 12 | 200434904 | Control | 09-Jan-01 | 180 | 3 | 82.2 | 2 | 3 | 3 | 5.70 | 7.70 | 53.09 | 6.91 | 12.51 |
| 258 | 13 | 200430506 | Control | 09-Jan-01 | 171 | 3 | 83.0 | 2 | 3 | 3 | 5.60 | 7.16 | 53.14 | 7.64 | 13.01 |
| 259 | 14 | 200435403 | Control | 09-Jan-01 | 176 | 3 | 83.3 | 2 | 3 | 2 | 5.80 | 6.36 | 55.34 | 7.28 | 13.34 |
| 260 | 15 | 200434804 | Control | 09-Jan-01 | 179 | 3 | 83.7 | 2 | 3 | 2 | 5.70 | 6.35 | 52.73 | 7.29 | 12.95 |
| 261 | 16 | 200434509 | Clone | 09-Jan-01 | 178 | 3 | 81.8 | 2 | 3 | 3 | 5.70 | 7.51 | 55.10 | 8.32 | 13.65 |
| 262 | 17 | 200434607 | Clone | 09-Jan-01 | 178 | 3 | 80.3 | 2 | 3 | 3 | 5.70 | 6.90 | 56.35 | 7.14 | 13.97 |
| 263 | 18 | 200437502 | Clone | 09-Jan-01 | 186 | 3 | 86.5 | 2 | 3 | 3 | 5.80 | 8.32 | 54.29 | 8.25 | 13.74 |
| 264 | 19 | 200434504 | Clone | 09-Jan-01 | 180 | 3 | 82.0 | 2 | 3 | 4 | 5.70 | 7.28 | 53.75 | 8.06 | 13.17 |
| 265 | 20 | 200436007 | Clone | 09-Jan-01 | 190 | 3 | 84.0 | 2 | 3 | 3 | 5.70 | 7.29 | 53.51 | 8.18 | 14.54 |
| 266 | 21 | 200432407 | Clone | 09-Jan-01 | 178 | 3 | 83.8 | 2 | 3 | 2 | 5.60 | 6.32 | 53.88 | 7.31 | 13.35 |
| 267 | 22 | 200434501 | Clone | 09-Jan-01 | 180 | 3 | 80.6 | 2 | 3 | 2 | 5.60 | 7.16 | 55.10 | 8.08 | 14.08 |
| 268 | 23 | 200430610 | Clone | 09-Jan-01 | 173 | 3 | 79.5 | 2 | 3 | 2 | 5.70 | 6.85 | 57.84 | 6.68 | 14.47 |
| 269 | 24 | 200436608 | Clone | 09-Jan-01 | 184 | 3 | 81.0 | 2 | 3 | 4 | 5.80 | 6.64 | 60.77 | 5.74 | 14.65 |
| 270 | 25 | 200433002 | Clone | 09-Jan-01 | 181 | 3 | 83.2 | 2 | 3 | 2 | 5.70 | 8.60 | 50.40 | 8.33 | 11.36 |
| 271 | 26 | 200431701 | Clone | 09-Jan-01 | 180 | 3 | 83.0 | 2 | 3 | 3 | 5.80 | 7.46 | 56.10 | 7.41 | 13.85 |
| 272 | 27 | 200433202 | Clone | 09-Jan-01 | 170 | 3 | 82.5 | 2 | 3 | 3 | 5.60 | 7.19 | 55.88 | 8.40 | 14.34 |
| 273 | 28 | 200434503 | Clone | 09-Jan-01 | 180 | 3 | 82.6 | 2 | 3 | 3 | 5.80 | 6.83 | 55.15 | 7.24 | 13.44 |
| 274 | 29 | 200430701 | Clone | 09-Jan-01 | 178 | 3 | 80.3 | 2 | 3 | 3 | 5.70 | 8.20 | 51.59 | 8.47 | 12.84 |
| 275 | 30 | 200435801 | Clone | 09-Jan-01 | 188 | 3 | 81.0 | 2 | 3 | 5 | 6.00 | 6.62 | 58.85 | 7.00 | 14.60 |
| 276 | 1 | 200430504 | Control | 11-Jan-01 | 171 | 3 | 79.8 | 2 | 3 | 2 | 5.60 | 7.24 | 54.11 | 8.42 | 12.67 |
| 277 | 2 | 200434006 | Control | 11-Jan-01 | 185 | 3 | 79.5 | 2 | 3 | 4 | 5.70 | 6.32 | 60.18 | 7.34 | 14.28 |
| 278 | 3 | 200436312 | Control | 11-Jan-01 | 175 | 3 | 80.3 | 2 | 3 | 5 | 5.70 | 5.28 | 58.63 | 7.81 | 15.15 |
| 279 | 4 | 200432901 | Control | 11-Jan-01 | 186 | 3 | 83.5 | 2 | 3 | 2 | 5.90 | 7.37 | 50.75 | 8.67 | 12.96 |
| 280 | 5 | 200440903 | Control | 11-Jan-01 | 181 | 3 | 83.0 | 2 | 3 | 3 | 5.60 | 7.43 | 56.85 | 6.59 | 13.62 |
| 281 | 6 | 200434304 | Control | 11-Jan-01 | 182 | 3 | 79.2 | 2 | 3 | 4 | 5.60 | 5.70 | 57.48 | 7.41 | 15.30 |
| 282 | 7 | 200436913 | Clone | 11-Jan-01 | 177 | 3 | 84.0 | 2 | 3 | 3 | 5.50 | 6.50 | 57.24 | 7.75 | 14.86 |
| 283 | 8 | 200431702 | Clone | 11-Jan-01 | 184 | 3 | 79.0 | 2 | 3 | 3 | 5.60 | 6.82 | 62.03 | 6.98 | 16.58 |
| 284 | 9 | 200434502 | Clone | 11-Jan-01 | 179 | 3 | 81.2 | 2 | 3 | 3 | 5.60 | 7.08 | 55.37 | 8.68 | 14.76 |
| 285 | 10 | 200436912 | Clone | 11-Jan-01 | 177 | 3 | 81.2 | 2 | 3 | 4 | 5.60 | 6.83 | 58.55 | 6.46 | 14.52 |
| 286 | 11 | 200431004 | Clone | 11-Jan-01 | 171 | 3 | 81.5 | 2 | 3 | 2 | 5.60 | 8.25 | 55.46 | 7.24 | 12.27 |
| 287 | 12 | 200436603 | Clone | 11-Jan-01 | 180 | 3 | 84.7 | 2 | 3 | 4 | 5.60 | 7.29 | 57.02 | 7.50 | 14.14 |
| 288 | 13 | 200432403 | Clone | 11-Jan-01 | 174 | 3 | 82.5 | 2 | 3 | 3 | 5.60 | 7.35 | 60.01 | 5.80 | 14.12 |

| Total Number | Day Order | Marc Animal ID | Treatment (Control/Clone) | Slaughter Date | Hot Carcass Weight/lbs | USDA CARCASS MUSCLE (1-3) | CARCASS LENGTH (cm) | FIRMNESS (1-3) | COLOR (1-6) | MARBLING (1-6, 10) | Longissimus pH (24 hr) | LOINEYE AREA ($in^2$) | hunter (L*) | hunter (a*) | hunter (B*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 289 | 14 | 200431605 | Clone | 11-Jan-01 | 185 | 3 | 84.0 | 2 | 3 | 3 | 5.60 | 6.82 | 57.47 | 6.91 | 14.59 |
| 290 | 15 | 200431010 | Clone | 11-Jan-01 | 175 | 3 | 85.0 | 2 | 3 | 2 | 5.60 | 7.11 | 57.91 | 6.59 | 13.95 |
| 291 | 16 | 200430611 | Clone | 11-Jan-01 | 188 | 3 | 79.8 | 2 | 3 | 4 | 5.60 | 6.66 | 58.52 | 7.18 | 14.99 |
| 292 | 17 | 200431002 | Clone | 11-Jan-01 | 179 | 3 | 83.2 | 2 | 3 | 2 | 5.50 | 7.67 | 51.86 | 9.64 | 12.63 |
| 293 | 18 | 200436005 | Clone | 11-Jan-01 | 180 | 3 | 82.5 | 2 | 3 | 1 | 5.70 | 8.55 | 54.21 | 5.51 | 12.95 |
| 294 | 19 | 200436606 | Clone | 11-Jan-01 | 178 | 3 | 81.5 | 2 | 3 | 2 | 5.80 | 6.79 | 53.29 | 7.42 | 13.67 |
| 295 | 20 | 200436602 | Clone | 11-Jan-01 | 177 | 3 | 83.5 | 2 | 3 | 2 | 5.60 | 7.43 | 57.21 | 7.71 | 14.31 |
| 296 | 21 | 200431601 | Clone | 11-Jan-01 | 180 | 3 | 81.5 | 2 | 3 | 1 | 5.60 | 7.67 | 53.45 | 7.39 | 13.17 |
| 297 | 22 | 200438104 | Clone | 11-Jan-01 | 178 | 3 | 85.2 | 2 | 3 | 2 | 5.60 | 6.83 | 58.20 | 6.94 | 14.15 |
| 298 | 23 | 200437406 | Clone | 11-Jan-01 | 182 | 3 | 78.3 | 2 | 3 | 4 | 5.70 | 5.84 | 59.67 | 5.90 | 13.96 |
| 299 | 24 | 200435803 | Clone | 11-Jan-01 | 174 | 3 | 79.5 | 2 | 3 | 5 | 5.70 | 6.49 | 57.74 | 7.31 | 14.92 |
| 300 | 25 | 200434511 | Clone | 11-Jan-01 | 185 | 3 | 83.3 | 2 | 3 | 2 | 5.50 | 6.18 | 57.77 | 6.20 | 14.15 |
| 301 | 1 | 200438707 | Control | 17-Jan-01 | 191 | 3 | 86.0 | 2 | 3 | 4 | 5.70 | 7.39 | 58.73 | 5.89 | 14.21 |
| 302 | 2 | 200440909 | Control | 17-Jan-01 | 191 | 3 | 85.5 | 2 | 3 | 4 | 5.70 | 7.00 | 59.44 | 5.47 | 13.76 |
| 303 | 3 | 200440907 | Control | 17-Jan-01 | 195 | 3 | 83.5 | 2 | 3 | 4 | 5.70 | 6.71 | 59.52 | 5.05 | 13.99 |
| 304 | 4 | 200433406 | Control | 17-Jan-01 | 191 | 3 | 83.7 | 2 | 3 | 3 | 5.60 | 8.34 | 56.69 | 6.81 | 14.34 |
| 305 | 5 | 200433303 | Control | 17-Jan-01 | 186 | 3 | 83.8 | 2 | 3 | 3 | 5.70 | 6.91 | 57.72 | 7.65 | 14.45 |
| 306 | 6 | 200439205 | Control | 17-Jan-01 | 180 | 3 | 80.0 | 2 | 3 | 4 | 5.60 | 8.10 | 53.66 | 7.48 | 12.82 |
| 307 | 7 | 200433302 | Control | 17-Jan-01 | 197 | 3 | 84.0 | 2 | 3 | 3 | 5.60 | 7.28 | 54.89 | 9.16 | 14.77 |
| 308 | 8 | 200441202 | Control | 17-Jan-01 | 185 | 3 | 85.5 | 2 | 3 | 2 | 5.60 | 7.64 | 55.50 | 7.50 | 14.13 |
| 309 | 9 | 200439902 | Control | 17-Jan-01 | 199 | 3 | 85.7 | 2 | 3 | 4 | 5.60 | 6.56 | 59.39 | 6.08 | 15.07 |
| 310 | 10 | 200439903 | Control | 17-Jan-01 | 190 | 3 | 81.5 | 2 | 3 | 5 | 5.70 | 6.94 | 59.37 | 6.48 | 15.52 |
| 311 | 11 | 200431708 | Clone | 17-Jan-01 | 180 | 3 | 79.5 | 2 | 3 | 4 | 5.60 | 5.94 | 55.28 | 8.29 | 14.76 |
| 312 | 12 | 200438607 | Clone | 17-Jan-01 | 195 | 3 | 81.0 | 2 | 3 | 3 | 5.80 | 7.69 | 56.71 | 8.34 | 14.19 |
| 313 | 13 | 200436604 | Clone | 17-Jan-01 | 185 | 3 | 83.5 | 2 | 3 | 3 | 5.70 | 7.82 | 57.52 | 7.20 | 13.85 |
| 314 | 14 | 200434101 | Clone | 17-Jan-01 | 186 | 3 | 81.0 | 2 | 3 | 1 | 5.60 | 7.39 | 50.74 | 9.06 | 12.21 |
| 315 | 15 | 200436607 | Clone | 17-Jan-01 | 180 | 3 | 84.5 | 2 | 3 | 2 | 5.70 | 7.70 | 60.60 | 5.39 | 14.65 |
| 316 | 16 | 200432507 | Clone | 17-Jan-01 | 193 | 3 | 83.3 | 2 | 3 | 3 | 5.60 | 6.17 | 55.25 | 8.47 | 15.45 |
| 317 | 17 | 200438610 | Clone | 17-Jan-01 | 190 | 3 | 82.5 | 2 | 3 | 5 | 5.90 | 7.43 | 61.35 | 7.08 | 15.25 |
| 318 | 18 | 200432008 | Clone | 17-Jan-01 | 203 | 3 | 79.5 | 2 | 3 | 3 | 5.70 | 6.56 | 55.90 | 7.21 | 13.60 |
| 319 | 19 | 200439505 | Clone | 17-Jan-01 | 189 | 3 | 80.0 | 2 | 3 | 3 | 5.70 | 7.04 | 57.67 | 6.31 | 13.67 |
| 320 | 20 | 200436901 | Clone | 17-Jan-01 | 180 | 3 | 82.3 | 2 | 3 | 2 | 5.60 | 8.60 | 57.96 | 7.30 | 14.45 |

| Total Number | Day Order | Marc Animal ID | Treatment (Control/Clone) | Slaughter Date | Hot Carcass Weight/lbs | USDA CARCASS MUSCLE (1-3) | CARCASS LENGTH (cm) | FIRMNESS (1-3) | COLOR (1-6) | MARBLING (1-6, 10) | Longissimus pH (24 hr) | LOINEYE AREA ($in^2$) | hunter (L*) | hunter (a*) | hunter (B*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 321 | 21 | 200433007 | Clone | 17-Jan-01 | 186 | 3 | 81.7 | 2 | 3 | 3 | 5.70 | 7.36 | 54.04 | 8.28 | 13.23 |
| 322 | 22 | 200431503 | Clone | 17-Jan-01 | 185 | 3 | 83.0 | 2 | 3 | 2 | 5.60 | 6.83 | 59.32 | 8.01 | 15.47 |
| 323 | 23 | 200436001 | Clone | 17-Jan-01 | 187 | 3 | 85.5 | 2 | 3 | 2 | 5.70 | 7.44 | 56.59 | 7.09 | 13.31 |
| 324 | 24 | 200438101 | Clone | 17-Jan-01 | 179 | 3 | 85.5 | 2 | 3 | 3 | 5.60 | 7.24 | 54.15 | 7.88 | 13.59 |
| 325 | 25 | 200432304 | Clone | 17-Jan-01 | 189 | 3 | 83.5 | 2 | 3 | 2 | 5.60 | 7.53 | 57.62 | 8.52 | 15.34 |
| 326 | 26 | 200433709 | Clone | 17-Jan-01 | 184 | 3 | 82.0 | 2 | 3 | 3 | 5.80 | 8.06 | 54.65 | 8.18 | 14.48 |
| 327 | 27 | 200438602 | Clone | 17-Jan-01 | 186 | 3 | 83.2 | 2 | 3 | 3 | 5.60 | 7.65 | 55.78 | 8.36 | 14.79 |
| 328 | 28 | 200436905 | Clone | 17-Jan-01 | 179 | 3 | 81.8 | 2 | 3 | 3 | 5.60 | 7.41 | 59.09 | 5.98 | 14.43 |
| 329 | 29 | 200432003 | Clone | 17-Jan-01 | 175 | 3 | 82.7 | 2 | 3 | 1 | 5.60 | 7.56 | 53.84 | 8.34 | 13.57 |
| 330 | 30 | 200437803 | Clone | 17-Jan-01 | 188 | 3 | 81.7 | 2 | 3 | 5 | 5.90 | 6.05 | 54.19 | 8.15 | 14.50 |
| 331 | 31 | 200434606 | Clone | 17-Jan-01 | 179 | 3 | 81.0 | 2 | 3 | 2 | 5.60 | 6.81 | 52.62 | 7.89 | 13.42 |
| 332 | 32 | 200438609 | Clone | 17-Jan-01 | 188 | 3 | 81.8 | 2 | 3 | 4 | 5.60 | 6.55 | 55.28 | 8.98 | 15.09 |
| 333 | 1 | 200438705 | Control | 19-Jan-01 | 178 | 3 | 84.3 | 2 | 3 | 4 | 5.6 | 6.86 | 60.94 | 4.84 | 14.79 |
| 334 | 2 | 200433401 | Control | 19-Jan-01 | 189 | 3 | 88.0 | 2 | 3 | 2 | 5.6 | 8.07 | 53.95 | 8.82 | 14.05 |
| 335 | 3 | 200431803 | Control | 19-Jan-01 | 173 | 3 | 83.7 | 2 | 3 | 2 | 5.6 | 7.81 | 55.23 | 6.28 | 13.19 |
| 336 | 4 | 200438709 | Control | 19-Jan-01 | 177 | 3 | 83.0 | 2 | 3 | 4 | 5.6 | 6.22 | 60.41 | 5.14 | 13.91 |
| 337 | 5 | 200430507 | Control | 19-Jan-01 | 177 | 3 | 78.5 | 2 | 3 | 3 | 5.6 | 6.82 | 59.31 | 6.87 | 14.66 |
| 338 | 6 | 200434805 | Control | 19-Jan-01 | 170 | 3 | 85.7 | 2 | 3 | 4 | 5.6 | 5.70 | 55.63 | 7.82 | 14.85 |
| 339 | 7 | 200435304 | Control | 19-Jan-01 | 181 | 3 | 83.0 | 2 | 3 | 3 | 5.6 | 6.65 | 54.56 | 5.99 | 13.17 |
| 340 | 8 | 200439901 | Control | 19-Jan-01 | 182 | 3 | 85.5 | 2 | 3 | 5 | 5.7 | 5.35 | 60.87 | 5.85 | 14.58 |
| 341 | 9 | 200435307 | Control | 19-Jan-01 | 177 | 3 | 85.3 | 2 | 3 | 3 | 5.6 | 6.48 | 53.73 | 7.48 | 12.90 |
| 342 | 10 | 200433208 | Clone | 19-Jan-01 | 182 | 3 | 80.5 | 2 | 3 | 4 | 5.6 | 6.11 | 54.58 | 9.84 | 14.78 |
| 343 | 11 | 200439502 | Clone | 19-Jan-01 | 193 | 3 | 84.5 | 2 | 3 | 4 | 5.7 | 8.74 | 60.91 | 5.28 | 13.86 |
| 344 | 12 | 200438608 | Clone | 19-Jan-01 | 165 | 3 | 80.2 | 2 | 3 | 4 | 5.8 | 5.95 | 62.20 | 6.09 | 14.63 |
| 345 | 13 | 200433801 | Clone | 19-Jan-01 | 182 | 3 | 84.0 | 2 | 3 | 2 | 5.6 | 9.41 | 59.07 | 6.38 | 13.75 |
| 346 | 14 | 200430801 | Clone | 19-Jan-01 | 177 | 3 | 85.0 | 2 | 3 | 3 | 5.6 | 7.89 | 55.68 | 7.11 | 14.29 |
| 347 | 15 | 200436601 | Clone | 19-Jan-01 | 186 | 3 | 84.7 | 2 | 3 | 3 | 5.6 | 7.18 | 54.15 | 8.32 | 14.30 |
| 348 | 16 | 200430602 | Clone | 19-Jan-01 | 189 | 3 | 80.0 | 2 | 3 | 2 | 5.5 | 7.77 | 58.43 | 8.28 | 14.09 |
| 349 | 17 | 200436004 | Clone | 19-Jan-01 | 176 | 3 | 82.2 | 2 | 3 | 2 | 5.6 | 7.38 | 52.83 | 9.66 | 14.49 |
| 350 | 18 | 200436903 | Clone | 19-Jan-01 | 182 | 3 | 83.4 | 2 | 3 | 2 | 5.6 | 9.42 | 56.51 | 7.47 | 14.27 |
| 351 | 19 | 200433001 | Clone | 19-Jan-01 | 185 | 3 | 82.5 | 2 | 3 | 2 | 5.6 | 8.39 | 58.53 | 7.19 | 14.01 |
| 352 | 20 | 200433802 | Clone | 19-Jan-01 | 200 | 3 | 82.0 | 2 | 3 | 2 | 5.5 | 9.19 | 55.51 | 7.17 | 13.49 |

| Total Number | Day Order | Marc Animal ID | Treatment (Control/Clone) | Slaughter Date | Hot Carcass Weight/lbs | USDA CARCASS MUSCLE (1-3) | CARCASS LENGTH (cm) | FIRMNESS (1-3) | COLOR (1-6) | MARBLING (1-6, 10) | Longissimus pH (24 hr) | LOINEYE AREA ($in^2$) | hunter (L*) | hunter (a*) | hunter (B*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 353 | 21 | 200438611 | Clone | 19-Jan-01 | 169 | 3 | 83.0 | 2 | 3 | 5 | 5.6 | 6.91 | 58.80 | 6.88 | 14.36 |
| 354 | 22 | 200430702 | Clone | 19-Jan-01 | 183 | 3 | 84.8 | 2 | 3 | 2 | 5.6 | 8.85 | 60.08 | 6.31 | 14.61 |
| 355 | 23 | 200431602 | Clone | 19-Jan-01 | 193 | 3 | 80.3 | 2 | 3 | 2 | 5.6 | 7.64 | 53.49 | 8.57 | 14.46 |
| 356 | 24 | 200434602 | Clone | 19-Jan-01 | 179 | 3 | 84.0 | 2 | 3 | 2 | 5.6 | 7.65 | 56.17 | 7.29 | 14.00 |
| 357 | 25 | 200434109 | Clone | 19-Jan-01 | 175 | 3 | 84.3 | 2 | 3 | 2 | 5.7 | 6.35 | 52.35 | 8.48 | 12.82 |
| 358 | 26 | 200433010 | Clone | 19-Jan-01 | 177 | 3 | 82.0 | 2 | 3 | 3 | 5.7 | 6.35 | 54.19 | 7.30 | 14.15 |
| 359 | 27 | 200434104 | Clone | 19-Jan-01 | 179 | 3 | 82.3 | 2 | 3 | 3 | 5.7 | 7.43 | 56.20 | 7.39 | 14.19 |
| 360 | 28 | 200431005 | Clone | 19-Jan-01 | 177 | 3 | 84.7 | 2 | 3 | 2 | 5.6 | 7.35 | 55.69 | 7.49 | 13.89 |
| 361 | 29 | 200434107 | Clone | 19-Jan-01 | 184 | 3 | 81.0 | 2 | 3 | 3 | 5.8 | 6.15 | 56.40 | 8.36 | 14.19 |
| 362 | 1 | 200441205 | Control | 25-Jan-01 | 180 | 3 | 78.7 | 2 | 3 | 3 | 5.70 | 6.50 | 56.72 | 7.04 | 14.16 |
| 363 | 2 | 200441211 | Control | 25-Jan-01 | 174 | 3 | 82.0 | 2 | 3 | 4 | 5.60 | 6.38 | 54.33 | 8.47 | 14.66 |
| 364 | 3 | 200441203 | Control | 25-Jan-01 | 187 | 3 | 83.0 | 2 | 3 | 3 | 5.70 | 6.46 | 55.67 | 6.76 | 14.15 |
| 365 | 4 | 200441201 | Control | 25-Jan-01 | 185 | 3 | 87.7 | 2 | 3 | 3 | 5.60 | 8.03 | 54.38 | 6.76 | 13.23 |
| 366 | 5 | 200438701 | Control | 25-Jan-01 | 180 | 3 | 84.7 | 2 | 3 | 2 | 5.60 | 7.73 | 57.38 | 6.79 | 13.29 |
| 367 | 6 | 200441209 | Control | 25-Jan-01 | 177 | 3 | 86.3 | 2 | 3 | 3 | 5.60 | 6.59 | 54.75 | 8.19 | 13.94 |
| 368 | 7 | 200439904 | Control | 25-Jan-01 | 167 | 3 | 82.8 | 2 | 3 | 4 | 5.60 | 5.45 | 58.62 | 6.84 | 14.19 |
| 369 | 8 | 200441207 | Control | 25-Jan-01 | 178 | 3 | 83.6 | 2 | 3 | 4 | 5.60 | 6.74 | 59.79 | 6.47 | 14.72 |
| 370 | 9 | 200436301 | Control | 25-Jan-01 | 183 | 3 | 85.0 | 2 | 3 | 2 | 5.60 | 7.00 | 60.45 | 5.96 | 13.60 |
| 371 | 10 | 200439204 | Control | 25-Jan-01 | 183 | 3 | 86.5 | 2 | 3 | 2 | 5.70 | 7.99 | 52.45 | 7.64 | 12.73 |
| 372 | 11 | 200434603 | Clone | 25-Jan-01 | 172 | 3 | 84.0 | 2 | 3 | 2 | 5.60 | 7.60 | 53.14 | 8.30 | 13.97 |
| 373 | 12 | 200434113 | Clone | 25-Jan-01 | 171 | 3 | 81.3 | 2 | 3 | 2 | 5.50 | 6.93 | 56.93 | 7.31 | 14.20 |
| 374 | 13 | 200438606 | Clone | 25-Jan-01 | 183 | 3 | 83.2 | 2 | 3 | 3 | 5.60 | 7.89 | 56.96 | 7.79 | 14.02 |
| 375 | 14 | 200436401 | Clone | 25-Jan-01 | 186 | 3 | 85.5 | 2 | 3 | 2 | 5.50 | 8.75 | 58.67 | 7.30 | 15.15 |
| 376 | 15 | 200434111 | Clone | 25-Jan-01 | 182 | 3 | 81.5 | 2 | 3 | 2 | 5.50 | 7.61 | 56.43 | 7.68 | 14.38 |
| 377 | 16 | 200438603 | Clone | 25-Jan-01 | 187 | 3 | 83.5 | 2 | 3 | 2 | 5.60 | 8.58 | 57.79 | 6.72 | 14.25 |
| 378 | 17 | 200433011 | Clone | 25-Jan-01 | 170 | 3 | 82.2 | 2 | 3 | 3 | 5.50 | 6.74 | 55.51 | 7.09 | 13.22 |
| 379 | 18 | 200439504 | Clone | 25-Jan-01 | 179 | 3 | 82.5 | 2 | 3 | 3 | 5.60 | 8.33 | 58.51 | 5.58 | 13.91 |
| 380 | 19 | 200437402 | Clone | 25-Jan-01 | 182 | 3 | 80.3 | 2 | 3 | 4 | 5.50 | 7.58 | 59.78 | 7.59 | 15.79 |
| 381 | 20 | 200439501 | Clone | 25-Jan-01 | 182 | 3 | 80.5 | 2 | 3 | 2 | 5.70 | 7.54 | 58.86 | 5.90 | 14.50 |
| 382 | 21 | 200436008 | Clone | 25-Jan-01 | 184 | 3 | 85.0 | 2 | 3 | 1 | 5.50 | 8.56 | 51.51 | 9.39 | 13.37 |
| 383 | 22 | 200438605 | Clone | 25-Jan-01 | 182 | 3 | 83.8 | 2 | 3 | 3 | 5.60 | 7.57 | 54.25 | 8.58 | 13.82 |
| 384 | 23 | 200434605 | Clone | 25-Jan-01 | 190 | 3 | 82.3 | 2 | 3 | 3 | 5.70 | 7.59 | 51.14 | 9.23 | 12.87 |

| Total Number | Day Order | Marc Animal ID | Treatment (Control/Clone) | Slaughter Date | Hot Carcass Weight/lbs | USDA CARCASS MUSCLE (1-3) | CARCASS LENGTH (cm) | FIRMNESS (1-3) | COLOR (1-6) | MARBLING (1-6, 10) | Longissimus pH (24 hr) | LOINEYE AREA ($in^2$) | hunter (L*) | hunter (a*) | hunter (B*) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 385 | 24 | 200436003 | Clone | 25-Jan-01 | 181 | 3 | 84.7 | 2 | 3 | 1 | 5.50 | 7.45 | 56.90 | 7.33 | 14.15 |
| 386 | 25 | 200437509 | Clone | 25-Jan-01 | 173 | 3 | 85.0 | 2 | 3 | 2 | 5.50 | 6.49 | 50.67 | 9.62 | 13.17 |
| 387 | 26 | 200432506 | Clone | 25-Jan-01 | 176 | 3 | 81.5 | 2 | 3 | 3 | 5.60 | 7.61 | 56.42 | 7.63 | 14.06 |
| 388 | 27 | 200433204 | Clone | 25-Jan-01 | 188 | 3 | 79.4 | 2 | 3 | 3 | 5.50 | 7.34 | 57.17 | 8.26 | 16.23 |
| 389 | 28 | 200436612 | Clone | 25-Jan-01 | 184 | 3 | 81.6 | 2 | 3 | 3 | 5.70 | 7.34 | 53.96 | 7.72 | 13.76 |
| 390 | 1 | 200438703 | Control | 01-Feb-01 | 176 | 3 | 84.5 | 2 | 3 | 3 | 5.70 | 6.34 | 56.71 | 9.35 | 15.76 |
| 391 | 2 | 200439401 | Control | 01-Feb-01 | 140 | 3 | 81.0 | 2 | 3 | 1 | 5.70 | 6.69 | 50.73 | 8.07 | 11.51 |
| 392 | 3 | 200431804 | Control | 01-Feb-01 | 98 | 3 | 75.0 | 2 | 2 | 1 | 5.60 | 5.12 | 57.21 | 6.57 | 14.39 |
| 393 | 4 | 200439404 | Control | 01-Feb-01 | 174 | 3 | 82.6 | 2 | 3 | 3 | 5.60 | 7.00 | 59.82 | 5.47 | 14.50 |
| 394 | 5 | 200438403 | Control | 01-Feb-01 | 188 | 3 | 81.7 | 2 | 3 | 2 | 5.60 | 8.96 | 55.94 | 6.55 | 13.56 |
| 395 | 6 | 200439503 | Clone | 01-Feb-01 | 187 | 3 | 79.3 | 2 | 3 | 3 | 5.80 | 7.81 | 57.21 | 5.47 | 13.52 |
| 396 | 7 | 200434102 | Clone | 01-Feb-01 | 197 | 3 | 84.5 | 2 | 3 | 3 | 5.60 | 7.33 | 51.79 | 8.13 | 12.42 |
| 397 | 8 | 200430603 | Clone | 01-Feb-01 | 181 | 3 | 80.7 | 2 | 3 | 3 | 5.70 | 7.86 | 54.85 | 7.13 | 13.93 |
| 398 | 9 | 200434604 | Clone | 01-Feb-01 | 175 | 3 | 83.0 | 2 | 3 | 2 | 5.50 | 7.53 | 52.93 | 7.76 | 13.36 |
| 399 | 10 | 200438604 | Clone | 01-Feb-01 | 181 | 3 | 80.0 | 2 | 3 | 3 | 5.60 | 9.16 | 58.81 | 6.85 | 14.65 |
| 400 | 11 | 200434105 | Clone | 01-Feb-01 | 175 | 3 | 82.3 | 2 | 3 | 2 | 5.60 | 6.88 | 50.92 | 8.49 | 12.97 |
| 401 | 12 | 200437401 | Clone | 01-Feb-01 | 186 | 3 | 80.0 | 2 | 3 | 4 | 5.70 | 7.49 | 58.11 | 7.28 | 14.98 |
| 402 | 13 | 200432306 | Clone | 01-Feb-01 | 162 | 3 | 84.3 | 2 | 3 | 3 | 5.60 | 6.34 | 54.84 | 7.58 | 13.96 |
| 403 | 14 | 200433708 | Clone | 01-Feb-01 | 158 | 3 | 78.2 | 2 | 3 | 2 | 5.60 | 8.24 | 57.64 | 7.67 | 14.13 |
| 404 | 15 | 200438102 | Clone | 01-Feb-01 | 189 | 3 | 81.3 | 2 | 3 | 4 | 5.70 | 7.01 | 55.99 | 8.36 | 15.13 |
| 405 | 16 | 200436403 | Clone | 01-Feb-01 | 146 | 3 | 78.0 | 2 | 2 | 2 | 5.60 | 6.15 | 55.90 | 7.09 | 15.00 |

| Number | Animal | Probe Date | First Rib Backfat/mm | Last Rib Backfat/mm | Lumbar Vertebra/mm |
|---|---|---|---|---|---|
| 1 | 200430503 | 12-Dec-00 | 20 | 14 | 13 |
| 2 | 200430508 | 12-Dec-00 | 25 | 17 | 17 |
| 3 | 200430604 | 12-Dec-00 | 30 | 21 | 19 |
| 4 | 200430706 | 12-Dec-00 | 27 | 22 | 23 |
| 5 | 200430707 | 12-Dec-00 | 28 | 19 | 19 |
| 6 | 200430709 | 12-Dec-00 | 18 | 15 | 14 |
| 7 | 200430710 | 12-Dec-00 | 28 | 19 | 18 |
| 8 | 200430711 | 12-Dec-00 | 26 | 23 | 21 |
| 9 | 200430804 | 12-Dec-00 | 27 | 18 | 19 |
| 10 | 200430805 | 12-Dec-00 | 21 | 16 | 15 |
| 11 | 200430902 | 12-Dec-00 | 32 | 21 | 22 |
| 12 | 200430905 | 12-Dec-00 | 28 | 22 | 21 |
| 13 | 200430906 | 12-Dec-00 | 34 | 22 | 21 |
| 14 | 200431006 | 12-Dec-00 | 28 | 22 | 21 |
| 15 | 200431009 | 12-Dec-00 | 25 | 18 | 19 |
| 16 | 200431404 | 12-Dec-00 | 20 | 13 | 13 |
| 17 | 200431408 | 12-Dec-00 | 21 | 14 | 15 |
| 18 | 200431411 | 12-Dec-00 | 28 | 21 | 21 |
| 19 | 200431502 | 12-Dec-00 | 24 | 17 | 18 |
| 20 | 200431505 | 12-Dec-00 | 29 | 22 | 24 |
| 21 | 200431608 | 12-Dec-00 | 28 | 14 | 15 |
| 22 | 200432405 | 12-Dec-00 | 28 | 17 | 18 |
| 23 | 200433409 | 12-Dec-00 | 28 | 19 | 21 |
| 24 | 200433509 | 12-Dec-00 | 23 | 14 | 16 |
| 25 | 200433510 | 12-Dec-00 | 25 | 19 | 18 |
| 26 | 200433605 | 12-Dec-00 | 23 | 16 | 17 |
| 27 | 200433807 | 12-Dec-00 | 26 | 19 | 18 |
| 28 | 200435309 | 12-Dec-00 | 28 | 21 | 24 |
| 29 | 200436009 | 12-Dec-00 | 26 | 20 | 22 |
| 30 | 200437301 | 12-Dec-00 | 26 | 19 | 18 |
| 31 | 200437307 | 12-Dec-00 | 26 | 20 | 19 |
| 32 | 200430605 | 14-Dec-00 | 24 | 18 | 18 |
| 33 | 200430607 | 14-Dec-00 | 30 | 21 | 19 |
| 34 | 200430609 | 14-Dec-00 | 20 | 16 | 19 |
| 35 | 200430705 | 14-Dec-00 | 20 | 16 | 15 |
| 36 | 200430708 | 14-Dec-00 | 23 | 16 | 17 |
| 37 | 200431008 | 14-Dec-00 | 26 | 17 | 17 |
| 38 | 200431405 | 14-Dec-00 | 17 | 13 | 13 |
| 39 | 200431407 | 14-Dec-00 | 19 | 13 | 13 |
| 40 | 200431501 | 14-Dec-00 | 18 | 14 | 16 |
| 41 | 200431504 | 14-Dec-00 | 32 | 23 | 21 |
| 42 | 200431606 | 14-Dec-00 | 25 | 17 | 16 |
| 43 | 200431802 | 14-Dec-00 | 20 | 17 | 17 |
| 44 | 200432609 | 14-Dec-00 | 26 | 23 | 20 |
| 45 | 200432903 | 14-Dec-00 | 21 | 14 | 17 |
| 46 | 200432908 | 14-Dec-00 | 30 | 19 | 19 |
| 47 | 200432910 | 14-Dec-00 | 22 | 18 | 22 |
| 48 | 200432911 | 14-Dec-00 | 23 | 15 | 17 |
| 49 | 200433201 | 14-Dec-00 | 26 | 20 | 20 |

| Number | Animal | Probe Date | First Rib Backfat/mm | Last Rib Backfat/mm | Lumbar Vertebra/mm |
|---|---|---|---|---|---|
| 50 | 200433301 | 14-Dec-00 | 22 | 17 | 17 |
| 51 | 200433601 | 14-Dec-00 | 17 | 13 | 15 |
| 52 | 200434001 | 14-Dec-00 | 20 | 15 | 19 |
| 53 | 200434202 | 14-Dec-00 | 17 | 13 | 14 |
| 54 | 200434301 | 14-Dec-00 | 20 | 17 | 19 |
| 55 | 200434507 | 14-Dec-00 | 24 | 19 | 19 |
| 56 | 200435303 | 14-Dec-00 | 17 | 14 | 15 |
| 57 | 200435408 | 14-Dec-00 | 28 | 21 | 21 |
| 58 | 200436011 | 14-Dec-00 | 18 | 13 | 14 |
| 59 | 200436012 | 14-Dec-00 | 28 | 19 | 18 |
| 60 | 200436909 | 14-Dec-00 | 26 | 15 | 16 |
| 61 | 200437303 | 14-Dec-00 | 24 | 17 | 17 |
| 62 | 200437305 | 14-Dec-00 | 24 | 18 | 19 |
| 63 | 200437306 | 14-Dec-00 | 21 | 16 | 17 |
| 64 | 200437308 | 14-Dec-00 | 27 | 20 | 20 |
| 65 | 200437505 | 14-Dec-00 | 24 | 17 | 18 |
| 66 | 200437506 | 14-Dec-00 | 24 | 19 | 21 |
| 67 | 200437507 | 14-Dec-00 | 27 | 19 | 19 |
| 68 | 200430703 | 19-Dec-00 | 17 | 11 | 11 |
| 69 | 200430903 | 19-Dec-00 | 27 | 21 | 19 |
| 70 | 200431003 | 19-Dec-00 | 18 | 13 | 13 |
| 71 | 200431011 | 19-Dec-00 | 20 | 13 | 12 |
| 72 | 200431406 | 19-Dec-00 | 17 | 11 | 13 |
| 73 | 200431604 | 19-Dec-00 | 21 | 15 | 17 |
| 74 | 200431610 | 19-Dec-00 | 19 | 15 | 15 |
| 75 | 200432004 | 19-Dec-00 | 23 | 17 | 17 |
| 76 | 200432103 | 19-Dec-00 | 24 | 17 | 16 |
| 77 | 200432106 | 19-Dec-00 | 25 | 17 | 18 |
| 78 | 200432108 | 19-Dec-00 | 27 | 21 | 19 |
| 79 | 200432308 | 19-Dec-00 | 22 | 20 | 18 |
| 80 | 200432310 | 19-Dec-00 | 24 | 19 | 20 |
| 81 | 200432404 | 19-Dec-00 | 22 | 15 | 16 |
| 82 | 200432406 | 19-Dec-00 | 27 | 18 | 19 |
| 83 | 200432608 | 19-Dec-00 | 24 | 19 | 21 |
| 84 | 200432704 | 19-Dec-00 | 21 | 16 | 15 |
| 85 | 200432705 | 19-Dec-00 | 25 | 20 | 19 |
| 86 | 200432706 | 19-Dec-00 | 23 | 16 | 17 |
| 87 | 200432905 | 19-Dec-00 | 19 | 14 | 15 |
| 88 | 200432912 | 19-Dec-00 | 19 | 16 | 16 |
| 89 | 200433205 | 19-Dec-00 | 22 | 18 | 19 |
| 90 | 200433603 | 19-Dec-00 | 18 | 13 | 13 |
| 91 | 200433702 | 19-Dec-00 | 28 | 20 | 19 |
| 92 | 200433711 | 19-Dec-00 | 24 | 18 | 19 |
| 93 | 200434002 | 19-Dec-00 | 20 | 14 | 14 |
| 94 | 200434207 | 19-Dec-00 | 33 | 24 | 20 |
| 95 | 200434305 | 19-Dec-00 | 20 | 15 | 12 |
| 96 | 200434309 | 19-Dec-00 | 24 | 17 | 16 |
| 97 | 200434401 | 19-Dec-00 | 27 | 17 | 18 |
| 98 | 200434402 | 19-Dec-00 | 25 | 16 | 17 |

| Number | Animal | Probe Date | First Rib Backfat/mm | Last Rib Backfat/mm | Lumbar Vertebra/mm |
|---|---|---|---|---|---|
| 99 | 200434403 | 19-Dec-00 | 36 | 25 | 23 |
| 100 | 200434508 | 19-Dec-00 | 22 | 17 | 16 |
| 101 | 200434512 | 19-Dec-00 | 27 | 17 | 18 |
| 102 | 200434601 | 19-Dec-00 | 19 | 13 | 13 |
| 103 | 200436609 | 19-Dec-00 | 28 | 20 | 18 |
| 104 | 200437304 | 19-Dec-00 | 25 | 22 | 20 |
| 105 | 200437504 | 19-Dec-00 | 23 | 19 | 17 |
| 106 | 200438409 | 19-Dec-00 | 23 | 19 | 18 |
| 107 | 200438506 | 19-Dec-00 | 22 | 17 | 19 |
| 108 | 200439211 | 19-Dec-00 | 19 | 14 | 16 |
| 109 | 200439405 | 19-Dec-00 | 27 | 19 | 18 |
| 110 | 200440604 | 19-Dec-00 | 22 | 14 | 15 |
| 111 | 200430510 | 20-Dec-00 | 22 | 16 | 17 |
| 112 | 200431805 | 20-Dec-00 | 20 | 16 | 18 |
| 113 | 200432601 | 20-Dec-00 | 21 | 17 | 18 |
| 114 | 200432602 | 20-Dec-00 | 28 | 19 | 18 |
| 115 | 200432607 | 20-Dec-00 | 25 | 17 | 17 |
| 116 | 200432610 | 20-Dec-00 | 23 | 16 | 17 |
| 117 | 200432907 | 20-Dec-00 | 28 | 19 | 22 |
| 118 | 200432913 | 20-Dec-00 | 24 | 17 | 18 |
| 119 | 200433306 | 20-Dec-00 | 31 | 22 | 20 |
| 120 | 200433307 | 20-Dec-00 | 31 | 22 | 21 |
| 121 | 200433405 | 20-Dec-00 | 18 | 14 | 15 |
| 122 | 200433408 | 20-Dec-00 | 22 | 15 | 16 |
| 123 | 200433505 | 20-Dec-00 | 19 | 15 | 14 |
| 124 | 200433511 | 20-Dec-00 | 20 | 15 | 15 |
| 125 | 200433512 | 20-Dec-00 | 19 | 14 | 16 |
| 126 | 200434003 | 20-Dec-00 | 23 | 17 | 18 |
| 127 | 200434005 | 20-Dec-00 | 24 | 18 | 19 |
| 128 | 200434203 | 20-Dec-00 | 26 | 19 | 19 |
| 129 | 200434206 | 20-Dec-00 | 25 | 19 | 19 |
| 130 | 200434806 | 20-Dec-00 | 25 | 19 | 19 |
| 131 | 200434807 | 20-Dec-00 | 23 | 18 | 18 |
| 132 | 200434808 | 20-Dec-00 | 24 | 21 | 22 |
| 133 | 200434901 | 20-Dec-00 | 20 | 17 | 16 |
| 134 | 200435302 | 20-Dec-00 | 22 | 15 | 15 |
| 135 | 200435311 | 20-Dec-00 | 32 | 23 | 21 |
| 136 | 200435404 | 20-Dec-00 | 23 | 18 | 17 |
| 137 | 200435407 | 20-Dec-00 | 29 | 21 | 22 |
| 138 | 200438408 | 20-Dec-00 | 20 | 15 | 14 |
| 139 | 200438511 | 20-Dec-00 | 26 | 17 | 16 |
| 140 | 200438513 | 20-Dec-00 | 27 | 20 | 19 |
| 141 | 200430704 | 26-Dec-00 | 20 | 15 | 16 |
| 142 | 200430802 | 26-Dec-00 | 19 | 15 | 15 |
| 143 | 200431401 | 26-Dec-00 | 15 | 10 | 11 |
| 144 | 200431403 | 26-Dec-00 | 21 | 15 | 16 |
| 145 | 200431703 | 26-Dec-00 | 21 | 16 | 17 |
| 146 | 200431704 | 26-Dec-00 | 24 | 20 | 19 |
| 147 | 200431706 | 26-Dec-00 | 33 | 23 | 21 |

| Number | Animal | Probe Date | First Rib Backfat/mm | Last Rib Backfat/mm | Lumbar Vertebra/mm |
|---|---|---|---|---|---|
| 148 | 200431801 | 26-Dec-00 | 20 | 16 | 16 |
| 149 | 200432105 | 26-Dec-00 | 27 | 16 | 15 |
| 150 | 200432402 | 26-Dec-00 | 23 | 17 | 16 |
| 151 | 200432702 | 26-Dec-00 | 20 | 16 | 18 |
| 152 | 200433206 | 26-Dec-00 | 22 | 15 | 18 |
| 153 | 200433602 | 26-Dec-00 | 23 | 18 | 19 |
| 154 | 200433803 | 26-Dec-00 | 26 | 15 | 14 |
| 155 | 200433809 | 26-Dec-00 | 29 | 21 | 21 |
| 156 | 200434007 | 26-Dec-00 | 28 | 20 | 20 |
| 157 | 200434809 | 26-Dec-00 | 25 | 19 | 21 |
| 158 | 200434902 | 26-Dec-00 | 23 | 16 | 20 |
| 159 | 200435308 | 26-Dec-00 | 22 | 18 | 18 |
| 160 | 200435412 | 26-Dec-00 | 25 | 18 | 19 |
| 161 | 200436010 | 26-Dec-00 | 22 | 15 | 15 |
| 162 | 200436303 | 26-Dec-00 | 23 | 17 | 19 |
| 163 | 200436309 | 26-Dec-00 | 24 | 19 | 21 |
| 164 | 200436402 | 26-Dec-00 | 23 | 14 | 15 |
| 165 | 200437309 | 26-Dec-00 | 25 | 19 | 18 |
| 166 | 200437404 | 26-Dec-00 | 25 | 20 | 22 |
| 167 | 200437801 | 26-Dec-00 | 23 | 19 | 18 |
| 168 | 200437802 | 26-Dec-00 | 23 | 20 | 20 |
| 169 | 200438107 | 26-Dec-00 | 32 | 23 | 26 |
| 170 | 200438401 | 26-Dec-00 | 15 | 12 | 12 |
| 171 | 200438404 | 26-Dec-00 | 20 | 17 | 15 |
| 172 | 200438406 | 26-Dec-00 | 22 | 17 | 17 |
| 173 | 200438505 | 26-Dec-00 | 18 | 14 | 15 |
| 174 | 200439210 | 26-Dec-00 | 15 | 13 | 13 |
| 175 | 200440605 | 26-Dec-00 | 25 | 20 | 19 |
| 176 | 200430606 | 28-Dec-00 | 29 | 24 | 22 |
| 177 | 200430803 | 28-Dec-00 | 27 | 18 | 17 |
| 178 | 200431607 | 28-Dec-00 | 31 | 21 | 21 |
| 179 | 200432002 | 28-Dec-00 | 25 | 17 | 17 |
| 180 | 200432006 | 28-Dec-00 | 24 | 18 | 17 |
| 181 | 200432101 | 28-Dec-00 | 19 | 16 | 16 |
| 182 | 200432302 | 28-Dec-00 | 20 | 15 | 16 |
| 183 | 200432501 | 28-Dec-00 | 23 | 19 | 17 |
| 184 | 200432503 | 28-Dec-00 | 26 | 17 | 17 |
| 185 | 200432603 | 28-Dec-00 | 26 | 17 | 18 |
| 186 | 200432604 | 28-Dec-00 | 24 | 18 | 18 |
| 187 | 200432909 | 28-Dec-00 | 20 | 17 | 15 |
| 188 | 200433207 | 28-Dec-00 | 33 | 26 | 27 |
| 189 | 200433404 | 28-Dec-00 | 20 | 15 | 15 |
| 190 | 200433604 | 28-Dec-00 | 22 | 15 | 15 |
| 191 | 200433703 | 28-Dec-00 | 24 | 18 | 19 |
| 192 | 200433704 | 28-Dec-00 | 24 | 17 | 17 |
| 193 | 200433710 | 28-Dec-00 | 30 | 22 | 21 |
| 194 | 200433804 | 28-Dec-00 | 23 | 20 | 21 |
| 195 | 200433808 | 28-Dec-00 | 25 | 21 | 20 |
| 196 | 200434004 | 28-Dec-00 | 24 | 18 | 18 |

| Number | Animal | Probe Date | First Rib Backfat/mm | Last Rib Backfat/mm | Lumbar Vertebra/mm |
|---|---|---|---|---|---|
| 197 | 200434201 | 28-Dec-00 | 22 | 15 | 14 |
| 198 | 200434205 | 28-Dec-00 | 22 | 17 | 16 |
| 199 | 200434308 | 28-Dec-00 | 30 | 19 | 19 |
| 200 | 200434310 | 28-Dec-00 | 29 | 21 | 22 |
| 201 | 200434802 | 28-Dec-00 | 21 | 15 | 16 |
| 202 | 200435306 | 28-Dec-00 | 31 | 21 | 20 |
| 203 | 200435401 | 28-Dec-00 | 25 | 16 | 17 |
| 204 | 200435402 | 28-Dec-00 | 25 | 18 | 19 |
| 205 | 200435413 | 28-Dec-00 | 25 | 17 | 21 |
| 206 | 200435802 | 28-Dec-00 | 32 | 22 | 24 |
| 207 | 200436311 | 28-Dec-00 | 28 | 21 | 22 |
| 208 | 200436405 | 28-Dec-00 | 21 | 16 | 17 |
| 209 | 200436911 | 28-Dec-00 | 26 | 18 | 18 |
| 210 | 200438407 | 28-Dec-00 | 17 | 13 | 13 |
| 211 | 200438410 | 28-Dec-00 | 21 | 16 | 15 |
| 212 | 200438412 | 28-Dec-00 | 24 | 16 | 17 |
| 213 | 200438510 | 28-Dec-00 | 18 | 14 | 15 |
| 214 | 200439202 | 28-Dec-00 | 18 | 14 | 15 |
| 215 | 200439206 | 28-Dec-00 | 23 | 17 | 19 |
| 216 | 200439212 | 28-Dec-00 | 19 | 14 | 15 |
| 217 | 200439406 | 28-Dec-00 | 26 | 19 | 19 |
| 218 | 200439409 | 28-Dec-00 | 23 | 12 | 17 |
| 219 | 200440602 | 28-Dec-00 | 26 | 17 | 20 |
| 220 | 200440908 | 28-Dec-00 | 27 | 18 | 21 |
| 221 | 200440910 | 28-Dec-00 | 31 | 26 | 26 |
| 222 | 200430502 | 2-Jan-01 | 20 | 15 | 15 |
| 223 | 200430509 | 2-Jan-01 | 24 | 16 | 17 |
| 224 | 200430608 | 2-Jan-01 | 23 | 16 | 15 |
| 225 | 200431007 | 2-Jan-01 | 19 | 13 | 12 |
| 226 | 200431012 | 2-Jan-01 | 30 | 21 | 22 |
| 227 | 200431402 | 2-Jan-01 | 22 | 16 | 16 |
| 228 | 200431409 | 2-Jan-01 | 24 | 18 | 19 |
| 229 | 200432007 | 2-Jan-01 | 28 | 21 | 20 |
| 230 | 200432104 | 2-Jan-01 | 25 | 17 | 20 |
| 231 | 200432109 | 2-Jan-01 | 22 | 18 | 18 |
| 232 | 200433005 | 2-Jan-01 | 26 | 18 | 19 |
| 233 | 200433203 | 2-Jan-01 | 32 | 18 | 21 |
| 234 | 200433402 | 2-Jan-01 | 21 | 17 | 17 |
| 235 | 200433403 | 2-Jan-01 | 26 | 19 | 21 |
| 236 | 200433501 | 2-Jan-01 | 17 | 13 | 13 |
| 237 | 200433504 | 2-Jan-01 | 18 | 13 | 14 |
| 238 | 200433701 | 2-Jan-01 | 29 | 22 | 24 |
| 239 | 200433712 | 2-Jan-01 | 29 | 20 | 19 |
| 240 | 200433806 | 2-Jan-01 | 27 | 21 | 21 |
| 241 | 200434009 | 2-Jan-01 | 26 | 17 | 20 |
| 242 | 200434210 | 2-Jan-01 | 32 | 22 | 21 |
| 243 | 200434510 | 2-Jan-01 | 28 | 20 | 19 |
| 244 | 200434608 | 2-Jan-01 | 18 | 14 | 15 |
| 245 | 200434801 | 2-Jan-01 | 34 | 23 | 20 |

| Number | Animal | Probe Date | First Rib Backfat/mm | Last Rib Backfat/mm | Lumbar Vertebra/mm |
|---|---|---|---|---|---|
| 246 | 200435409 | 2-Jan-01 | 30 | 20 | 25 |
| 247 | 200436006 | 2-Jan-01 | 18 | 13 | 12 |
| 248 | 200436305 | 2-Jan-01 | 15 | 12 | 13 |
| 249 | 200436310 | 2-Jan-01 | 26 | 18 | 20 |
| 250 | 200436404 | 2-Jan-01 | 18 | 14 | 13 |
| 251 | 200436610 | 2-Jan-01 | 28 | 22 | 19 |
| 252 | 200437501 | 2-Jan-01 | 23 | 16 | 16 |
| 253 | 200437510 | 2-Jan-01 | 25 | 19 | 20 |
| 254 | 200437804 | 2-Jan-01 | 28 | 22 | 22 |
| 255 | 200438414 | 2-Jan-01 | 30 | 22 | 21 |
| 256 | 200438503 | 2-Jan-01 | 23 | 17 | 19 |
| 257 | 200438504 | 2-Jan-01 | 27 | 19 | 18 |
| 258 | 200439408 | 2-Jan-01 | 28 | 19 | 21 |
| 259 | 200440601 | 2-Jan-01 | 20 | 16 | 16 |
| 260 | 200440606 | 2-Jan-01 | 37 | 23 | 22 |
| 261 | 200440607 | 2-Jan-01 | 32 | 26 | 23 |
| 262 | 200440901 | 2-Jan-01 | 20 | 15 | 17 |
| 263 | 200440906 | 2-Jan-01 | 19 | 14 | 15 |
| 264 | 200430501 | 5-Jan-01 | 19 | 14 | 13 |
| 265 | 200431410 | 5-Jan-01 | 21 | 16 | 13 |
| 266 | 200431506 | 5-Jan-01 | 23 | 16 | 21 |
| 267 | 200431603 | 5-Jan-01 | 15 | 10 | 14 |
| 268 | 200432001 | 5-Jan-01 | 21 | 17 | 15 |
| 269 | 200432005 | 5-Jan-01 | 31 | 25 | 24 |
| 270 | 200432102 | 5-Jan-01 | 21 | 17 | 14 |
| 271 | 200432307 | 5-Jan-01 | 24 | 20 | 20 |
| 272 | 200432311 | 5-Jan-01 | 28 | 20 | 23 |
| 273 | 200432312 | 5-Jan-01 | 24 | 19 | 17 |
| 274 | 200432401 | 5-Jan-01 | 20 | 15 | 13 |
| 275 | 200432502 | 5-Jan-01 | 21 | 15 | 14 |
| 276 | 200432504 | 5-Jan-01 | 22 | 18 | 17 |
| 277 | 200433003 | 5-Jan-01 | 21 | 15 | 13 |
| 278 | 200433502 | 5-Jan-01 | 17 | 12 | 12 |
| 279 | 200433503 | 5-Jan-01 | 20 | 11 | 13 |
| 280 | 200433507 | 5-Jan-01 | 20 | 13 | 8 |
| 281 | 200434008 | 5-Jan-01 | 20 | 16 | 18 |
| 282 | 200434303 | 5-Jan-01 | 14 | 11 | 13 |
| 283 | 200434306 | 5-Jan-01 | 18 | 14 | 15 |
| 284 | 200435301 | 5-Jan-01 | 13 | 12 | 10 |
| 285 | 200435305 | 5-Jan-01 | 19 | 12 | 14 |
| 286 | 200435410 | 5-Jan-01 | 22 | 16 | 18 |
| 287 | 200435411 | 5-Jan-01 | 24 | 18 | 22 |
| 288 | 200436002 | 5-Jan-01 | 21 | 15 | 12 |
| 289 | 200436013 | 5-Jan-01 | 26 | 21 | 18 |
| 290 | 200436902 | 5-Jan-01 | 18 | 15 | 12 |
| 291 | 200437302 | 5-Jan-01 | 23 | 19 | 15 |
| 292 | 200437408 | 5-Jan-01 | 30 | 22 | 21 |
| 293 | 200438105 | 5-Jan-01 | 28 | 23 | 18 |
| 294 | 200438106 | 5-Jan-01 | 29 | 25 | 20 |

| Number | Animal | Probe Date | First Rib Backfat/mm | Last Rib Backfat/mm | Lumbar Vertebra/mm |
|---|---|---|---|---|---|
| 295 | 200438706 | 5-Jan-01 | 24 | 17 | 21 |
| 296 | 200439208 | 5-Jan-01 | 19 | 14 | 17 |
| 297 | 200440603 | 5-Jan-01 | 25 | 18 | 24 |
| 298 | 200440911 | 5-Jan-01 | 18 | 13 | 14 |
| 299 | 200430506 | 9-Jan-01 | 16 | 12 | 12 |
| 300 | 200430610 | 9-Jan-01 | 24 | 19 | 20 |
| 301 | 200430701 | 9-Jan-01 | 18 | 13 | 14 |
| 302 | 200431701 | 9-Jan-01 | 22 | 16 | 17 |
| 303 | 200432407 | 9-Jan-01 | 20 | 16 | 17 |
| 304 | 200432605 | 9-Jan-01 | 25 | 18 | 18 |
| 305 | 200432904 | 9-Jan-01 | 20 | 14 | 16 |
| 306 | 200432906 | 9-Jan-01 | 23 | 18 | 18 |
| 307 | 200433002 | 9-Jan-01 | 17 | 13 | 14 |
| 308 | 200433202 | 9-Jan-01 | 20 | 15 | 16 |
| 309 | 200433506 | 9-Jan-01 | 21 | 16 | 16 |
| 310 | 200434208 | 9-Jan-01 | 34 | 23 | 21 |
| 311 | 200434209 | 9-Jan-01 | 28 | 19 | 20 |
| 312 | 200434302 | 9-Jan-01 | 18 | 16 | 17 |
| 313 | 200434501 | 9-Jan-01 | 22 | 13 | 15 |
| 314 | 200434503 | 9-Jan-01 | 20 | 14 | 13 |
| 315 | 200434504 | 9-Jan-01 | 23 | 17 | 18 |
| 316 | 200434509 | 9-Jan-01 | 22 | 16 | 15 |
| 317 | 200434607 | 9-Jan-01 | 27 | 19 | 20 |
| 318 | 200434803 | 9-Jan-01 | 22 | 19 | 20 |
| 319 | 200434804 | 9-Jan-01 | 25 | 18 | 18 |
| 320 | 200434903 | 9-Jan-01 | 24 | 18 | 19 |
| 321 | 200434904 | 9-Jan-01 | 18 | 14 | 15 |
| 322 | 200434905 | 9-Jan-01 | 24 | 18 | 21 |
| 323 | 200435310 | 9-Jan-01 | 26 | 18 | 22 |
| 324 | 200435403 | 9-Jan-01 | 26 | 18 | 18 |
| 325 | 200435405 | 9-Jan-01 | 23 | 16 | 16 |
| 326 | 200435801 | 9-Jan-01 | 30 | 22 | 22 |
| 327 | 200436007 | 9-Jan-01 | 24 | 19 | 22 |
| 328 | 200436608 | 9-Jan-01 | 26 | 19 | 20 |
| 329 | 200436904 | 9-Jan-01 | 17 | 12 | 12 |
| 330 | 200436910 | 9-Jan-01 | 26 | 19 | 20 |
| 331 | 200437403 | 9-Jan-01 | 38 | 20 | 21 |
| 332 | 200437409 | 9-Jan-01 | 31 | 20 | 19 |
| 333 | 200437410 | 9-Jan-01 | 28 | 19 | 21 |
| 334 | 200437502 | 9-Jan-01 | 17 | 13 | 14 |
| 335 | 200438402 | 9-Jan-01 | 25 | 18 | 18 |
| 336 | 200438501 | 9-Jan-01 | 21 | 17 | 17 |
| 337 | 200438502 | 9-Jan-01 | 24 | 18 | 18 |
| 338 | 200439201 | 9-Jan-01 | 18 | 14 | 15 |
| 339 | 200439209 | 9-Jan-01 | 22 | 15 | 16 |
| 340 | 200439215 | 9-Jan-01 | 21 | 17 | 17 |
| 341 | 200440902 | 9-Jan-01 | 22 | 18 | 18 |
| 342 | 200440912 | 9-Jan-01 | 26 | 18 | 18 |
| 343 | 200440913 | 9-Jan-01 | 28 | 19 | 23 |

| Number | Animal | Probe Date | First Rib Backfat/mm | Last Rib Backfat/mm | Lumbar Vertebra/mm |
|---|---|---|---|---|---|
| 344 | 200430504 | 11-Jan-01 | 21 | 16 | 15 |
| 345 | 200430611 | 11-Jan-01 | 29 | 24 | 21 |
| 346 | 200431002 | 11-Jan-01 | 19 | 14 | 13 |
| 347 | 200431004 | 11-Jan-01 | 17 | 14 | 14 |
| 348 | 200431010 | 11-Jan-01 | 22 | 13 | 15 |
| 349 | 200431601 | 11-Jan-01 | 24 | 16 | 16 |
| 350 | 200431605 | 11-Jan-01 | 26 | 17 | 15 |
| 351 | 200431702 | 11-Jan-01 | 31 | 20 | 22 |
| 352 | 200432301 | 11-Jan-01 | 23 | 19 | 18 |
| 353 | 200432303 | 11-Jan-01 | 22 | 18 | 17 |
| 354 | 200432403 | 11-Jan-01 | 19 | 13 | 13 |
| 355 | 200432901 | 11-Jan-01 | 24 | 17 | 17 |
| 356 | 200433006 | 11-Jan-01 | 28 | 21 | 21 |
| 357 | 200433008 | 11-Jan-01 | 22 | 17 | 16 |
| 358 | 200433706 | 11-Jan-01 | 26 | 16 | 17 |
| 359 | 200434006 | 11-Jan-01 | 24 | 21 | 22 |
| 360 | 200434106 | 11-Jan-01 | 32 | 21 | 22 |
| 361 | 200434108 | 11-Jan-01 | 31 | 20 | 23 |
| 362 | 200434110 | 11-Jan-01 | 31 | 19 | 21 |
| 363 | 200434304 | 11-Jan-01 | 34 | 20 | 21 |
| 364 | 200434502 | 11-Jan-01 | 21 | 16 | 16 |
| 365 | 200434506 | 11-Jan-01 | 24 | 19 | 22 |
| 366 | 200434511 | 11-Jan-01 | 25 | 16 | 17 |
| 367 | 200435803 | 11-Jan-01 | 28 | 18 | 20 |
| 368 | 200436005 | 11-Jan-01 | 18 | 14 | 15 |
| 369 | 200436312 | 11-Jan-01 | 30 | 20 | 21 |
| 370 | 200436602 | 11-Jan-01 | 23 | 17 | 16 |
| 371 | 200436603 | 11-Jan-01 | 20 | 15 | 16 |
| 372 | 200436605 | 11-Jan-01 | 27 | 20 | 19 |
| 373 | 200436606 | 11-Jan-01 | 29 | 18 | 19 |
| 374 | 200436912 | 11-Jan-01 | 23 | 17 | 16 |
| 375 | 200436913 | 11-Jan-01 | 26 | 17 | 21 |
| 376 | 200437406 | 11-Jan-01 | 38 | 24 | 25 |
| 377 | 200438104 | 11-Jan-01 | 24 | 17 | 17 |
| 378 | 200440903 | 11-Jan-01 | 23 | 16 | 15 |
| 379 | 200431503 | 17-Jan-01 | 26 | 22 | 23 |
| 380 | 200431708 | 17-Jan-01 | 31 | 19 | 19 |
| 381 | 200432003 | 17-Jan-01 | 19 | 15 | 16 |
| 382 | 200432008 | 17-Jan-01 | 32 | 25 | 23 |
| 383 | 200432304 | 17-Jan-01 | 23 | 15 | 16 |
| 384 | 200432507 | 17-Jan-01 | 30 | 20 | 17 |
| 385 | 200433007 | 17-Jan-01 | 20 | 17 | 16 |
| 386 | 200433302 | 17-Jan-01 | 25 | 17 | 18 |
| 387 | 200433303 | 17-Jan-01 | 25 | 19 | 23 |
| 388 | 200433406 | 17-Jan-01 | 23 | 16 | 19 |
| 389 | 200433709 | 17-Jan-01 | 25 | 18 | 19 |
| 390 | 200434101 | 17-Jan-01 | 27 | 20 | 21 |
| 391 | 200434606 | 17-Jan-01 | 21 | 16 | 17 |
| 392 | 200436001 | 17-Jan-01 | 21 | 13 | 14 |

| Number | Animal | Probe Date | First Rib Backfat/mm | Last Rib Backfat/mm | Lumbar Vertebra/mm |
|---|---|---|---|---|---|
| 393 | 200436604 | 17-Jan-01 | 21 | 18 | 18 |
| 394 | 200436607 | 17-Jan-01 | 21 | 15 | 16 |
| 395 | 200436901 | 17-Jan-01 | 19 | 15 | 15 |
| 396 | 200436905 | 17-Jan-01 | 23 | 14 | 16 |
| 397 | 200437803 | 17-Jan-01 | 32 | 27 | 26 |
| 398 | 200438101 | 17-Jan-01 | 28 | 21 | 20 |
| 399 | 200438602 | 17-Jan-01 | 20 | 17 | 17 |
| 400 | 200438607 | 17-Jan-01 | 28 | 22 | 23 |
| 401 | 200438609 | 17-Jan-01 | 27 | 21 | 22 |
| 402 | 200438610 | 17-Jan-01 | 26 | 19 | 22 |
| 403 | 200438707 | 17-Jan-01 | 25 | 21 | 21 |
| 404 | 200439205 | 17-Jan-01 | 23 | 16 | 17 |
| 405 | 200439505 | 17-Jan-01 | 32 | 20 | 20 |
| 406 | 200439902 | 17-Jan-01 | 28 | 21 | 24 |
| 407 | 200439903 | 17-Jan-01 | 27 | 21 | 21 |
| 408 | 200440907 | 17-Jan-01 | 30 | 20 | 24 |
| 409 | 200440909 | 17-Jan-01 | 25 | 17 | 18 |
| 410 | 200441202 | 17-Jan-01 | 19 | 14 | 15 |
| 411 | 200430507 | 19-Jan-01 | 26 | 18 | 21 |
| 412 | 200430602 | 19-Jan-01 | 18 | 15 | 15 |
| 413 | 200430702 | 19-Jan-01 | 20 | 14 | 13 |
| 414 | 200430801 | 19-Jan-01 | 18 | 13 | 12 |
| 415 | 200431005 | 19-Jan-01 | 20 | 13 | 13 |
| 416 | 200431602 | 19-Jan-01 | 28 | 19 | 19 |
| 417 | 200431803 | 19-Jan-01 | 21 | 16 | 16 |
| 418 | 200432309 | 19-Jan-01 | 23 | 14 | 17 |
| 419 | 200432703 | 19-Jan-01 | 24 | 15 | 15 |
| 420 | 200433001 | 19-Jan-01 | 18 | 15 | 16 |
| 421 | 200433004 | 19-Jan-01 | 22 | 16 | 16 |
| 422 | 200433010 | 19-Jan-01 | 27 | 23 | 24 |
| 423 | 200433208 | 19-Jan-01 | 29 | 20 | 23 |
| 424 | 200433401 | 19-Jan-01 | 19 | 14 | 17 |
| 425 | 200433707 | 19-Jan-01 | 26 | 23 | 23 |
| 426 | 200433801 | 19-Jan-01 | 21 | 17 | 18 |
| 427 | 200433802 | 19-Jan-01 | 34 | 21 | 22 |
| 428 | 200434104 | 19-Jan-01 | 27 | 18 | 20 |
| 429 | 200434107 | 19-Jan-01 | 25 | 18 | 19 |
| 430 | 200434109 | 19-Jan-01 | 31 | 19 | 19 |
| 431 | 200434112 | 19-Jan-01 | 28 | 19 | 21 |
| 432 | 200434602 | 19-Jan-01 | 19 | 13 | 13 |
| 433 | 200434805 | 19-Jan-01 | 24 | 18 | 19 |
| 434 | 200435304 | 19-Jan-01 | 22 | 18 | 19 |
| 435 | 200435307 | 19-Jan-01 | 23 | 18 | 19 |
| 436 | 200436004 | 19-Jan-01 | 22 | 15 | 16 |
| 437 | 200436302 | 19-Jan-01 | 26 | 17 | 17 |
| 438 | 200436307 | 19-Jan-01 | 25 | 19 | 17 |
| 439 | 200436601 | 19-Jan-01 | 24 | 21 | 19 |
| 440 | 200436611 | 19-Jan-01 | 21 | 15 | 17 |
| 441 | 200436903 | 19-Jan-01 | 17 | 15 | 14 |

| Number | Animal | Probe Date | First Rib Backfat/mm | Last Rib Backfat/mm | Lumbar Vertebra/mm |
|---|---|---|---|---|---|
| 442 | 200436907 | 19-Jan-01 | 25 | 18 | 19 |
| 443 | 200437407 | 19-Jan-01 | 29 | 21 | 19 |
| 444 | 200437411 | 19-Jan-01 | 33 | 19 | 22 |
| 445 | 200438405 | 19-Jan-01 | 20 | 16 | 17 |
| 446 | 200438411 | 19-Jan-01 | 24 | 15 | 17 |
| 447 | 200438413 | 19-Jan-01 | 18 | 14 | 15 |
| 448 | 200438508 | 19-Jan-01 | 27 | 21 | 19 |
| 449 | 200438509 | 19-Jan-01 | 23 | 15 | 16 |
| 450 | 200438608 | 19-Jan-01 | 22 | 16 | 18 |
| 451 | 200438611 | 19-Jan-01 | 28 | 19 | 23 |
| 452 | 200438705 | 19-Jan-01 | 19 | 14 | 17 |
| 453 | 200438709 | 19-Jan-01 | 27 | 17 | 20 |
| 454 | 200439207 | 19-Jan-01 | 22 | 15 | 16 |
| 455 | 200439403 | 19-Jan-01 | 28 | 18 | 19 |
| 456 | 200439407 | 19-Jan-01 | 26 | 20 | 19 |
| 457 | 200439502 | 19-Jan-01 | 20 | 14 | 17 |
| 458 | 200439901 | 19-Jan-01 | 28 | 17 | 21 |
| 459 | 200441204 | 19-Jan-01 | 26 | 19 | 20 |
| 460 | 200441206 | 19-Jan-01 | 33 | 19 | 20 |
| 461 | 200441208 | 19-Jan-01 | 27 | 19 | 19 |
| 462 | 200432506 | 25-Jan-01 | 24 | 17 | 18 |
| 463 | 200433011 | 25-Jan-01 | 25 | 17 | 16 |
| 464 | 200433204 | 25-Jan-01 | 26 | 18 | 16 |
| 465 | 200434111 | 25-Jan-01 | 26 | 17 | 17 |
| 466 | 200434113 | 25-Jan-01 | 29 | 21 | 19 |
| 467 | 200434114 | 25-Jan-01 | 28 | 18 | 20 |
| 468 | 200434603 | 25-Jan-01 | 15 | 11 | 12 |
| 469 | 200434605 | 25-Jan-01 | 19 | 15 | 16 |
| 470 | 200436003 | 25-Jan-01 | 16 | 12 | 13 |
| 471 | 200436008 | 25-Jan-01 | 16 | 12 | 13 |
| 472 | 200436301 | 25-Jan-01 | 23 | 17 | 18 |
| 473 | 200436304 | 25-Jan-01 | 27 | 20 | 18 |
| 474 | 200436306 | 25-Jan-01 | 26 | 21 | 20 |
| 475 | 200436401 | 25-Jan-01 | 16 | 12 | 12 |
| 476 | 200436612 | 25-Jan-01 | 22 | 15 | 15 |
| 477 | 200436906 | 25-Jan-01 | 18 | 12 | 14 |
| 478 | 200437402 | 25-Jan-01 | 30 | 21 | 20 |
| 479 | 200437405 | 25-Jan-01 | 23 | 17 | 18 |
| 480 | 200437509 | 25-Jan-01 | 20 | 15 | 16 |
| 481 | 200438603 | 25-Jan-01 | 23 | 18 | 19 |
| 482 | 200438605 | 25-Jan-01 | 20 | 15 | 16 |
| 483 | 200438606 | 25-Jan-01 | 21 | 18 | 19 |
| 484 | 200438701 | 25-Jan-01 | 23 | 16 | 15 |
| 485 | 200438704 | 25-Jan-01 | 24 | 15 | 16 |
| 486 | 200439203 | 25-Jan-01 | 18 | 14 | 15 |
| 487 | 200439204 | 25-Jan-01 | 19 | 13 | 15 |
| 488 | 200439501 | 25-Jan-01 | 24 | 18 | 18 |
| 489 | 200439504 | 25-Jan-01 | 23 | 16 | 16 |
| 490 | 200439904 | 25-Jan-01 | 25 | 20 | 17 |

| Number | Animal | Probe Date | First Rib Backfat/mm | Last Rib Backfat/mm | Lumbar Vertebra/mm |
|---|---|---|---|---|---|
| 491 | 200440609 | 25-Jan-01 | 32 | 22 | 19 |
| 492 | 200440905 | 25-Jan-01 | 22 | 16 | 16 |
| 493 | 200441201 | 25-Jan-01 | 23 | 15 | 19 |
| 494 | 200441203 | 25-Jan-01 | 28 | 19 | 18 |
| 495 | 200441205 | 25-Jan-01 | 28 | 20 | 19 |
| 496 | 200441207 | 25-Jan-01 | 24 | 19 | 18 |
| 497 | 200441209 | 25-Jan-01 | 22 | 18 | 18 |
| 498 | 200441210 | 25-Jan-01 | 28 | 18 | 20 |
| 499 | 200441211 | 25-Jan-01 | 26 | 18 | 20 |
| 500 | 200430505 | 1-Feb-01 | 19 | 12 | 13 |
| 501 | 200430603 | 1-Feb-01 | 19 | 13 | 14 |
| 502 | 200431804 | 1-Feb-01 | 13 | 10 | 10 |
| 503 | 200432305 | 1-Feb-01 | 25 | 16 | 15 |
| 504 | 200432306 | 1-Feb-01 | 17 | 13 | 13 |
| 505 | 200433304 | 1-Feb-01 | 21 | 14 | 17 |
| 506 | 200433305 | 1-Feb-01 | 24 | 18 | 18 |
| 507 | 200433407 | 1-Feb-01 | 22 | 17 | 17 |
| 508 | 200433705 | 1-Feb-01 | 21 | 16 | 16 |
| 509 | 200433708 | 1-Feb-01 | 19 | 13 | 15 |
| 510 | 200434102 | 1-Feb-01 | 28 | 20 | 19 |
| 511 | 200434103 | 1-Feb-01 | 24 | 16 | 17 |
| 512 | 200434105 | 1-Feb-01 | 27 | 19 | 18 |
| 513 | 200434604 | 1-Feb-01 | 18 | 12 | 12 |
| 514 | 200436403 | 1-Feb-01 | 15 | 10 | 9 |
| 515 | 200436908 | 1-Feb-01 | 19 | 14 | 15 |
| 516 | 200437401 | 1-Feb-01 | 24 | 19 | 20 |
| 517 | 200438102 | 1-Feb-01 | 28 | 19 | 19 |
| 518 | 200438103 | 1-Feb-01 | 25 | 16 | 18 |
| 519 | 200438403 | 1-Feb-01 | 22 | 16 | 18 |
| 520 | 200438601 | 1-Feb-01 | 24 | 19 | 19 |
| 521 | 200438604 | 1-Feb-01 | 20 | 14 | 13 |
| 522 | 200438702 | 1-Feb-01 | 20 | 14 | 17 |
| 523 | 200438703 | 1-Feb-01 | 25 | 16 | 19 |
| 524 | 200439401 | 1-Feb-01 | 12 | 9 | 10 |
| 525 | 200439404 | 1-Feb-01 | 19 | 14 | 14 |
| 526 | 200439503 | 1-Feb-01 | 29 | 23 | 24 |

| SubtestDescription | Units | ME2005-000293 / 200431006 | ME2005-000301 / 200432405 | ME2005-000951 / 200430605 | ME2005-000952 / 200430607 | ME2005-000968 / 200434001 | ME2005-000969 / 200434202 | ME2005-000971 / 200434507 | ME2005-002222 / 200433505 | ME2005-002223 / 200434206 | ME2005-002227 / 200438513 | ME2005-003124 / 200431801 27-Dec-04 | ME2005-003126 / 200432402 27-Dec-04 | ME2005-003135 / 200435308 27-Dec-04 | ME2005-003141 / 200437309 27-Dec-04 | ME2005-003151 / 200439210 27-Dec-04 | ME2005-003153 / 200430606 29-Dec-04 | ME2005-003177 / 200435413 29-Dec-04 | ME2005-003199 / 200430502 3-Jan-05 | ME2005-003200 / 200430509 3-Jan-05 | ME2005-003201 / 200430608 3-Jan-05 | ME2005-003202 / 200431007 3-Jan-05 | ME2005-003203 / 200431012 3-Jan-05 | ME2005-003204 / 200431402 3-Jan-05 | ME2005-003205 / 200431409 3-Jan-05 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alanine | % | 1.30 | 1.21 | 1.35 | 1.33 | 1.35 | 1.36 | 1.36 | 1.34 | 1.49 | 1.53 | 1.37 | 1.61 | 1.41 | 1.32 | 1.38 | 1.37 | 1.36 | 1.45 | 1.39 | 1.32 | 1.38 | 1.35 | 1.34 | 1.42 |
| Arginine | % | 1.42 | 1.34 | 1.54 | 1.53 | 1.63 | 1.62 | 1.63 | 1.42 | 1.69 | 1.72 | 1.48 | 1.86 | 1.63 | 1.55 | 1.58 | 1.54 | 1.51 | 1.73 | 1.63 | 1.54 | 1.56 | 1.61 | 1.61 | 1.56 |
| Aspartic Acid | % | 2.14 | 1.98 | 2.21 | 2.21 | 2.27 | 2.22 | 2.32 | 2.06 | 2.51 | 2.56 | 2.18 | 2.74 | 2.35 | 2.25 | 2.26 | 2.18 | 2.28 | 2.48 | 2.34 | 2.18 | 2.36 | 2.27 | 2.26 | 2.39 |
| Cystine | % | 0.23 | 0.23 | 0.25 | 0.23 | 0.25 | 0.26 | 0.28 | 0.25 | 0.25 | 0.24 | 0.25 | 0.27 | 0.25 | 0.25 | 0.24 | 0.20 | 0.24 | 0.25 | 0.25 | 0.26 | 0.26 | 0.26 | 0.26 | 0.27 |
| Glutamic Acid | % | 3.34 | 3.14 | 3.60 | 3.62 | 3.75 | 3.58 | 3.80 | 3.27 | 4.00 | 4.06 | 3.53 | 4.41 | 3.76 | 3.59 | 3.67 | 3.50 | 3.73 | 4.08 | 3.74 | 3.55 | 3.86 | 3.79 | 3.63 | 3.80 |
| Glycine | % | 0.97 | 0.92 | 1.14 | 1.06 | 1.16 | 1.31 | 1.08 | 1.27 | 1.09 | 1.16 | 0.95 | 1.18 | 1.23 | 1.05 | 1.19 | 1.30 | 1.05 | 1.09 | 1.10 | 1.05 | 1.06 | 1.05 | 1.14 | 1.08 |
| Histidine | % | 0.96 | 0.89 | 0.93 | 0.94 | 0.95 | 0.98 | 0.94 | 0.83 | 1.07 | 1.03 | 0.95 | 1.10 | 1.02 | 1.00 | 0.93 | 0.87 | 0.93 | 1.07 | 1.03 | 0.96 | 1.06 | 0.95 | 1.04 | 0.93 |
| Isoleucine | % | 0.98 | 0.93 | 1.07 | 1.07 | 1.10 | 1.04 | 1.10 | 0.76 | 1.17 | 1.15 | 1.01 | 1.25 | 1.11 | 1.10 | 0.94 | 0.88 | 0.93 | 1.20 | 1.13 | 1.05 | 1.14 | 1.10 | 1.11 | 0.85 |
| Leucine | % | 1.81 | 1.65 | 1.85 | 1.85 | 1.89 | 1.81 | 1.92 | 1.63 | 2.05 | 2.05 | 1.82 | 2.22 | 1.92 | 1.88 | 1.85 | 1.77 | 1.87 | 2.08 | 1.96 | 1.84 | 1.98 | 1.91 | 1.91 | 1.85 |
| Lysine, Total | % | 1.89 | 1.79 | 2.04 | 2.05 | 2.11 | 2.00 | 2.14 | 1.77 | 2.28 | 2.28 | 1.99 | 2.47 | 2.08 | 2.07 | 2.02 | 1.91 | 2.01 | 2.28 | 2.13 | 2.01 | 2.18 | 2.11 | 2.11 | 2.12 |
| Methionine | % | 0.57 | 0.55 | 0.61 | 0.59 | 0.63 | 0.65 | 0.71 | 0.63 | 0.61 | 0.58 | 0.64 | 0.67 | 0.59 | 0.64 | 0.62 | 0.51 | 0.59 | 0.61 | 0.62 | 0.64 | 0.63 | 0.62 | 0.65 | 0.64 |
| Phenylalanine | % | 0.86 | 0.81 | 0.91 | 0.91 | 0.93 | 0.91 | 0.95 | 0.83 | 1.09 | 1.09 | 0.93 | 1.14 | 0.91 | 0.89 | 0.91 | 0.88 | 0.89 | 0.97 | 0.92 | 0.88 | 0.97 | 0.95 | 0.91 | 0.96 |
| Proline | % | 1.08 | 0.94 | 1.02 | 0.94 | 1.11 | 1.19 | 1.10 | 1.18 | 1.19 | 1.23 | 0.88 | 1.18 | 1.14 | 1.04 | 1.05 | 1.06 | 0.96 | 1.04 | 1.11 | 1.01 | 1.04 | 1.04 | 1.10 | 1.11 |
| Serine | % | 0.89 | 0.83 | 0.91 | 0.90 | 0.91 | 0.91 | 0.96 | 0.88 | 0.98 | 1.02 | 0.88 | 1.07 | 0.98 | 0.92 | 0.98 | 0.96 | 0.99 | 1.01 | 0.95 | 0.91 | 0.93 | 0.92 | 0.92 | 1.00 |
| Threonine | % | 1.02 | 0.94 | 1.06 | 1.07 | 1.11 | 1.05 | 1.12 | 0.98 | 1.18 | 1.21 | 1.09 | 1.31 | 1.07 | 1.04 | 1.06 | 1.01 | 1.08 | 1.14 | 1.10 | 1.01 | 1.11 | 1.05 | 1.06 | 1.12 |
| Tyrosine | % | 0.73 | 0.70 | 0.80 | 0.80 | 0.81 | 0.78 | 0.85 | 0.71 | 0.88 | 0.89 | 0.79 | 0.96 | 0.80 | 0.79 | 0.80 | 0.76 | 0.80 | 0.85 | 0.80 | 0.78 | 0.86 | 0.83 | 0.78 | 0.83 |
| Valine | % | 1.04 | 1.00 | 1.13 | 1.13 | 1.16 | 1.13 | 1.15 | 0.84 | 1.25 | 1.22 | 1.06 | 1.31 | 1.19 | 1.17 | 1.01 | 0.97 | 0.98 | 1.24 | 1.17 | 1.12 | 1.21 | 1.14 | 1.19 | 0.93 |
| Calcium | % | 0.0063 | 0.0061 | 0.0058 | 0.0056 | 0.0054 | 0.0057 | 0.0061 | 0.0059 | 0.0051 | 0.0046 | 0.0045 | 0.0048 | 0.0050 | 0.0050 | 0.0061 | 0.0051 | 0.0050 | 0.0041 | 0.0051 | 0.0067 | 0.0040 | 0.0049 | 0.0048 | 0.0048 |
| Cholesterol | mg/100 g | 47.3 | 51.7 | 56.7 | 54.1 | 49.0 | 64.9 | 91.1 | 57.7 | 57.8 | 61.3 | 63.3 | 60.7 | 59.6 | 56.4 | 62.3 | 62.1 | 53.8 | 63.8 | 63.1 | 61.6 | 62.4 | 65.9 | 59.7 | 58.1 |
| C08:0 Octanoic (Caprylic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C10:0 Decanoic (Capric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C11:0 Undecanoic (Hendecanoic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C12:0 Dodecanoic (Lauric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C14:0 Tetradecanoic (Myristic) | % | 0.06 | 0.07 | 0.08 | 0.11 | 0.10 | 0.08 | 0.07 | 0.05 | 0.06 | 0.10 | 0.09 | 0.08 | 0.07 | 0.11 | 0.10 | 0.10 | 0.10 | 0.07 | 0.07 | 0.06 | 0.07 | 0.09 | 0.04 | 0.03 |
| C14:1 Tetradecenoic (Myristoleic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:0 Pentadecanoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:1 Pentadecenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C16:0 Hexadecanoic (Palmitic) | % | 0.95 | 1.19 | 1.20 | 1.98 | 1.56 | 1.19 | 1.10 | 0.75 | 1.03 | 1.61 | 1.56 | 1.40 | 1.10 | 2.00 | 1.62 | 1.74 | 1.81 | 1.29 | 1.14 | 0.88 | 1.08 | 1.42 | 0.65 | 0.45 |
| C16:1 Hexadecenoic (Palmitoleic) | % | 0.12 | 0.14 | 0.16 | 0.20 | 0.18 | 0.16 | 0.13 | 0.10 | 0.13 | 0.21 | 0.17 | 0.17 | 0.13 | 0.22 | 0.17 | 0.20 | 0.18 | 0.12 | 0.12 | 0.11 | 0.13 | 0.18 | 0.08 | 0.06 |
| C17:0 Heptadecanoic (Margaric) | % | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C17:1 Heptadecenoic Margaroleic | % | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C18:0 Octadecanoic (Stearic) | % | 0.44 | 0.57 | 0.53 | 1.03 | 0.72 | 0.53 | 0.55 | 0.34 | 0.50 | 0.74 | 0.77 | 0.68 | 0.50 | 1.05 | 0.81 | 0.85 | 0.95 | 0.68 | 0.54 | 0.41 | 0.48 | 0.64 | 0.27 | 0.21 |
| C18:1 Octadecenoic (Oleic) | % | 1.57 | 1.86 | 1.99 | 3.36 | 2.40 | 2.01 | 1.83 | 1.37 | 1.67 | 2.47 | 2.32 | 2.31 | 1.76 | 2.80 | 2.39 | 2.74 | 2.82 | 1.96 | 1.88 | 1.27 | 1.71 | 2.23 | 1.11 | 0.79 |
| C18:2 Octadecadienoic (Linoleic) | % | 0.28 | 0.36 | 0.24 | 0.58 | 0.41 | 0.32 | 0.31 | 0.22 | 0.23 | 0.35 | 0.46 | 0.40 | 0.19 | 0.24 | 0.26 | 0.27 | 0.31 | 0.16 | 0.21 | 0.13 | 0.18 | 0.23 | 0.13 | 0.11 |
| C18:3 Octadecatrienoic (Linolenic) | % | 0.01 | 0.02 | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | <0.01 | 0.01 | 0.02 | 0.02 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C18:4 Octadecatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:0 Eicosanoic (Arachidic) | % | <0.01 | 0.01 | 0.01 | 0.02 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.02 | 0.01 | 0.02 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:1 Eicosenoic (Gadoleic) | % | 0.04 | 0.05 | 0.05 | 0.08 | 0.05 | 0.04 | 0.04 | 0.01 | 0.04 | 0.03 | 0.03 | 0.06 | 0.05 | 0.06 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.04 | 0.05 | 0.06 | 0.03 | 0.03 |
| C20:2 Eicosadienoic | % | 0.01 | 0.02 | 0.01 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | <0.01 | 0.01 | 0.01 | 0.01 | 0.02 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:3 Eicosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:4 Eicosatetraenoic (Arachidonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:5 Eicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C21:5 Heneicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:0 Docosanoic (Behenic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:1 Docosenoic (Erucic) | % | <0.01 | <0.01 | <0.01 | 0.02 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 | <0.01 |
| C22:2 Docosadienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:3 Docosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:4 Docosatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:5 Docosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:6 Docosahexaenoic | % | <0.01 | <0.01 | <0.01 | 0.02 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | <0.01 | <0.01 |
| C24:0 Tetracosanoic (Lignoceric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C24:1 Tetracosenoic (Nervonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Iron | % | 0.0016 | 0.0014 | 0.00080 | 0.00096 | 0.00057 | 0.00065 | 0.00050 | 0.00052 | 0.00052 | 0.00053 | 0.00058 | 0.00050 | 0.00057 | 0.00064 | 0.00055 | 0.00066 | 0.00048 | 0.00045 | 0.00054 | 0.00066 | 0.00053 | 0.00052 | 0.00073 | 0.00070 |
| Niacin | mg/100 g | 11.1 | 10.1 | 9.14 | 8.52 | 10.5 | 8.71 | 11.6 | 10.6 | 10.2 | 10.2 | 10.9 | 11.6 | 11.0 | 11.6 | 8.94 | 11.8 | 10.2 | 10.1 | 10.4 | 10.1 | 10.9 | 9.52 | 11.6 | 9.90 |
| Phosphorus | % | 0.21 | 0.21 | 0.025 | 0.022 | 0.021 | 0.020 | 0.021 | 0.020 | 0.020 | 0.020 | 0.21 | 0.22 | 0.22 | 0.21 | 0.21 | 0.21 | 0.21 | 0.20 | 0.21 | 0.22 | 0.21 | 0.21 | 0.22 | 0.21 |
| Vitamin B12 | mcg/100 g | 0.829 | 0.884 | 0.751 | 0.869 | 0.752 | 0.867 | 0.474 | 0.787 | 1.24 | 0.973 | 0.958 | 0.856 | 1.50 | 0.720 | 0.901 | 0.836 | 0.910 | 0.890 | 1.06 | 1.05 | 1.16 | 1.07 | 1.06 | 1.02 |
| Vitamin B6 | mg/100 g | 0.461 | 0.492 | 0.356 | 0.304 | 0.308 | 0.306 | 0.325 | 0.386 | 0.376 | 0.261 | 0.225 | 0.403 | 0.346 | 0.298 | 0.336 | 0.293 | 0.469 | 0.403 | 0.411 | 0.328 | 0.431 | 0.442 | 0.452 | 0.347 |
| Zinc | % | 0.0018 | 0.0016 | 0.0017 | 0.0015 | 0.0016 | 0.0017 | 0.0016 | 0.0016 | 0.0016 | 0.0014 | 0.0015 | 0.0014 | 0.0016 | 0.0015 | 0.0016 | 0.0015 | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0014 | 0.0016 | 0.0016 | 0.0015 |

| SubtestDescription | Units | ME2005-003206 / 20432007 3-Jan-05 | ME2005-003207 / 20432104 3-Jan-05 | ME2005-003208 / 20433203 3-Jan-05 | ME2005-003209 / 20433402 3-Jan-05 | ME2005-003210 / 20433403 3-Jan-05 | ME2005-003211 / 20433501 3-Jan-05 | ME2005-003212 / 20433504 3-Jan-05 | ME2005-003213 / 20433712 3-Jan-05 | ME2005-003214 / 20433806 3-Jan-05 | ME2005-003215 / 20434009 3-Jan-05 | ME2005-003216 / 20434608 3-Jan-05 | ME2005-003217 / 20435409 3-Jan-05 | ME2005-003218 / 20436006 3-Jan-05 | ME2005-003219 / 20436305 3-Jan-05 | ME2005-003220 / 20436310 3-Jan-05 | ME2005-003221 / 20436404 3-Jan-05 | ME2005-003222 / 20436610 3-Jan-05 | ME2005-003223 / 20437501 3-Jan-05 | ME2005-003224 / 20437510 3-Jan-05 | ME2005-003225 / 20437804 3-Jan-05 | ME2005-003226 / 20438503 3-Jan-05 | ME2005-003227 / 20440601 3-Jan-05 | ME2005-003228 / 20440901 3-Jan-05 | ME2005-003229 / 20440906 3-Jan-05 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alanine | % | 1.37 | 1.34 | 1.38 | 1.40 | 1.39 | 1.38 | 1.42 | 1.32 | 1.31 | 1.37 | 1.44 | 1.34 | 1.39 | 1.33 | 1.31 | 1.40 | 1.25 | 1.31 | 1.40 | 1.34 | 1.39 | 1.38 | 1.40 | 1.40 |
| Arginine | % | 1.63 | 1.65 | 1.66 | 1.70 | 1.69 | 1.68 | 1.71 | 1.60 | 1.60 | 1.63 | 1.69 | 1.60 | 1.65 | 1.57 | 1.54 | 1.61 | 1.53 | 1.54 | 1.65 | 1.58 | 1.62 | 1.64 | 1.64 | 1.64 |
| Aspartic Acid | % | 2.31 | 2.24 | 2.30 | 2.29 | 2.28 | 2.32 | 2.33 | 2.22 | 2.21 | 2.26 | 2.31 | 2.18 | 2.29 | 2.19 | 2.21 | 2.23 | 1.90 | 2.20 | 2.34 | 2.20 | 2.21 | 2.30 | 2.30 | 2.27 |
| Cystine | % | 0.25 | 0.25 | 0.23 | 0.25 | 0.25 | 0.26 | 0.26 | 0.24 | 0.24 | 0.26 | 0.25 | 0.24 | 0.24 | 0.28 | 0.24 | 0.24 | 0.24 | 0.26 | 0.25 | 0.23 | 0.24 | 0.25 | 0.24 | 0.24 |
| Glutamic Acid | % | 3.66 | 3.61 | 3.63 | 3.77 | 3.76 | 3.77 | 3.83 | 3.61 | 3.57 | 3.64 | 3.71 | 3.49 | 3.72 | 3.66 | 3.67 | 3.72 | 3.10 | 3.59 | 3.86 | 3.60 | 3.65 | 3.81 | 3.80 | 3.56 |
| Glycine | % | 1.11 | 1.04 | 1.12 | 1.13 | 1.13 | 1.06 | 1.15 | 0.98 | 1.03 | 1.18 | 1.31 | 1.16 | 1.18 | 1.02 | 1.00 | 1.24 | 0.93 | 1.00 | 1.07 | 1.09 | 1.27 | 1.08 | 1.11 | 1.27 |
| Histidine | % | 1.05 | 1.02 | 1.03 | 1.04 | 1.01 | 0.97 | 1.04 | 1.05 | 0.98 | 0.99 | 1.03 | 0.99 | 0.96 | 0.98 | 0.96 | 0.89 | 0.99 | 0.98 | 1.08 | 0.98 | 0.96 | 1.01 | 0.99 | 0.91 |
| Isoleucine | % | 1.12 | 1.13 | 1.14 | 1.12 | 1.11 | 1.13 | 1.20 | 1.16 | 1.12 | 1.13 | 1.15 | 1.04 | 1.06 | 1.06 | 1.03 | 1.02 | 1.00 | 1.04 | 1.11 | 1.10 | 1.06 | 1.12 | 1.09 | 1.01 |
| Leucine | % | 1.92 | 1.89 | 1.91 | 1.93 | 1.92 | 1.93 | 1.98 | 1.90 | 1.86 | 1.87 | 1.91 | 1.80 | 1.89 | 1.90 | 1.87 | 1.88 | 1.81 | 1.86 | 1.98 | 1.88 | 1.86 | 1.96 | 1.95 | 1.83 |
| Lysine, Total | % | 2.12 | 2.05 | 2.05 | 2.08 | 2.07 | 2.09 | 2.13 | 2.02 | 1.98 | 2.01 | 2.03 | 1.92 | 2.04 | 2.06 | 2.04 | 2.07 | 1.98 | 2.01 | 2.13 | 2.01 | 2.02 | 2.10 | 2.12 | 2.03 |
| Methionine | % | 0.59 | 0.59 | 0.54 | 0.60 | 0.61 | 0.63 | 0.64 | 0.56 | 0.59 | 0.67 | 0.61 | 0.57 | 0.57 | 0.73 | 0.62 | 0.60 | 0.59 | 0.65 | 0.63 | 0.57 | 0.59 | 0.60 | 0.58 | 0.61 |
| Phenylalanine | % | 0.95 | 0.91 | 0.92 | 0.92 | 0.92 | 0.92 | 0.95 | 0.91 | 0.89 | 0.91 | 0.93 | 0.88 | 0.93 | 0.90 | 0.88 | 0.90 | 0.88 | 0.89 | 0.95 | 0.91 | 0.92 | 0.92 | 0.93 | 0.90 |
| Proline | % | 1.01 | 1.13 | 1.20 | 1.25 | 1.19 | 1.22 | 1.27 | 1.17 | 1.24 | 1.38 | 1.38 | 1.28 | 1.34 | 1.07 | 1.03 | 1.33 | 1.02 | 0.98 | 1.07 | 1.08 | 1.16 | 1.04 | 1.08 | 1.09 |
| Serine | % | 0.92 | 0.89 | 0.93 | 0.96 | 0.97 | 0.99 | 0.89 | 0.85 | 0.88 | 0.89 | 0.95 | 0.95 | 1.01 | 0.93 | 0.93 | 0.96 | 0.81 | 0.92 | 0.99 | 0.90 | 0.94 | 0.98 | 0.98 | 0.98 |
| Threonine | % | 1.06 | 1.01 | 1.03 | 1.04 | 1.01 | 1.04 | 1.00 | 0.96 | 0.96 | 0.98 | 0.98 | 0.97 | 1.01 | 1.02 | 1.06 | 1.06 | 0.89 | 1.06 | 1.12 | 1.03 | 1.02 | 1.08 | 1.10 | 1.03 |
| Tyrosine | % | 0.78 | 0.79 | 0.80 | 0.80 | 0.80 | 0.81 | 0.82 | 0.79 | 0.78 | 0.79 | 0.80 | 0.76 | 0.80 | 0.79 | 0.77 | 0.78 | 0.76 | 0.79 | 0.83 | 0.78 | 0.77 | 0.81 | 0.82 | 0.77 |
| Valine | % | 1.18 | 1.18 | 1.20 | 1.16 | 1.15 | 1.16 | 1.25 | 1.20 | 1.17 | 1.20 | 1.20 | 1.09 | 1.10 | 1.09 | 1.06 | 1.06 | 1.02 | 1.07 | 1.13 | 1.14 | 1.11 | 1.15 | 1.13 | 1.08 |
| Calcium | % | 0.0037 | 0.0039 | 0.0070 | 0.0037 | 0.0049 | 0.0045 | 0.0058 | 0.0039 | 0.0038 | 0.0043 | 0.0042 | 0.0052 | 0.0099 | 0.0044 | 0.0049 | 0.0041 | 0.0037 | 0.0038 | 0.0040 | 0.0050 | 0.0039 | 0.0048 | 0.0042 | 0.0039 |
| Cholesterol | mg/100 g | 57.6 | 57.5 | 61.2 | 62.4 | 65.6 | 62.1 | 58.7 | 63.5 | 47.3 | 58.9 | 63.8 | 53.9 | 58.7 | 56.2 | 65.9 | 63.8 | 64.3 | 60.9 | 64.6 | 66.7 | 64.4 | 68.2 | 68.8 | 64.9 |
| C08:0 Octanoic (Caprylic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C10:0 Decanoic (Capric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C11:0 Undecanoic (Hendecanoic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C12:0 Dodecanoic (Lauric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C14:0 Tetradecanoic (Myristic) | % | 0.04 | 0.08 | 0.12 | 0.07 | 0.06 | 0.08 | 0.05 | 0.06 | 0.14 | 0.10 | 0.05 | 0.06 | 0.06 | 0.04 | 0.08 | 0.09 | 0.08 | 0.07 | 0.10 | 0.11 | 0.05 | 0.07 | 0.06 | 0.10 |
| C14:1 Tetradecenoic (Myristoleic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:0 Pentadecanoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:1 Pentadecenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C16:0 Hexadecanoic (Palmitic) | % | 0.74 | 1.29 | 1.95 | 1.31 | 0.99 | 1.33 | 0.76 | 1.05 | 2.26 | 1.69 | 0.80 | 0.99 | 0.88 | 0.63 | 1.39 | 1.44 | 1.48 | 1.11 | 1.82 | 2.12 | 0.90 | 1.15 | 1.00 | 1.62 |
| C16:1 Hexadecenoic (Palmitoleic) | % | 0.08 | 0.12 | 0.22 | 0.13 | 0.14 | 0.13 | 0.09 | 0.11 | 0.23 | 0.21 | 0.08 | 0.11 | 0.10 | 0.09 | 0.19 | 0.17 | 0.15 | 0.13 | 0.23 | 0.26 | 0.11 | 0.16 | 0.10 | 0.17 |
| C17:0 Heptadecanoic (Margaric) | % | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 |
| C17:1 Heptadecenoic Margaroleic | % | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 |
| C18:0 Octadecanoic (Stearic) | % | 0.37 | 0.63 | 0.88 | 0.67 | 0.44 | 0.62 | 0.33 | 0.56 | 1.08 | 0.77 | 0.39 | 0.48 | 0.37 | 0.29 | 0.64 | 0.72 | 0.78 | 0.51 | 0.79 | 1.06 | 0.43 | 0.52 | 0.51 | 0.74 |
| C18:1 Octadecenoic (Oleic) | % | 1.16 | 1.82 | 2.97 | 2.00 | 1.64 | 1.91 | 1.22 | 1.61 | 3.34 | 2.72 | 1.27 | 1.41 | 1.34 | 1.02 | 2.23 | 2.35 | 2.27 | 1.74 | 2.92 | 3.45 | 1.41 | 1.85 | 1.41 | 2.25 |
| C18:2 Octadecadienoic (Linoleic) | % | 0.10 | 0.12 | 0.21 | 0.15 | 0.17 | 0.14 | 0.09 | 0.17 | 0.31 | 0.27 | 0.10 | 0.11 | 0.10 | 0.14 | 0.22 | 0.28 | 0.31 | 0.18 | 0.34 | 0.39 | 0.19 | 0.26 | 0.19 | 0.23 |
| C18:3 Octadecatrienoic (Linolenic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 |
| C18:4 Octadecatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 |
| C20:0 Eicosanoic (Arachidic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.02 | 0.02 | <0.01 | <0.01 | <0.01 | 0.01 |
| C20:1 Eicosenoic (Gadoleic) | % | 0.04 | 0.08 | 0.10 | 0.07 | 0.05 | 0.07 | 0.04 | 0.05 | 0.12 | 0.07 | 0.05 | 0.05 | 0.04 | 0.01 | 0.05 | 0.08 | 0.05 | 0.04 | 0.06 | 0.09 | 0.04 | 0.05 | 0.03 | 0.07 |
| C20:2 Eicosadienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | 0.01 | 0.02 | <0.01 | 0.01 | <0.01 | 0.01 |
| C20:3 Eicosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:4 Eicosatetraenoic (Arachidonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:5 Eicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C21:5 Heneicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:0 Docosanoic (Behenic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:1 Docosenoic (Erucic) | % | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | <0.01 | 0.01 | 0.03 | 0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.02 |
| C22:2 Docosadienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:3 Docosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:4 Docosatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:5 Docosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:6 Docosahexaenoic | % | 0.01 | 0.03 | 0.04 | 0.02 | 0.01 | 0.03 | 0.02 | 0.01 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | <0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | <0.01 | <0.01 | 0.01 | 0.03 |
| C24:0 Tetracosanoic (Lignoceric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C24:1 Tetracosenoic (Nervonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Iron | % | 0.00052 | 0.00064 | 0.00056 | 0.00059 | 0.00069 | 0.00067 | 0.00073 | 0.00060 | 0.00060 | 0.00063 | 0.00064 | 0.00070 | 0.00067 | 0.00077 | 0.00051 | 0.00051 | 0.00052 | 0.00049 | 0.00052 | 0.00066 | 0.00067 | 0.00059 | 0.00063 | 0.00060 |
| Niacin | mg/100 g | 10.1 | 10.6 | 8.56 | 9.99 | 10.3 | 11.8 | 9.62 | 11.0 | 10.0 | 11.0 | 11.4 | 10.5 | 9.45 | 10.4 | 9.90 | 10.5 | 8.03 | 11.1 | 10.8 | 10.5 | 12.8 | 10.5 | 10.0 | 11.7 |
| Phosphorus | % | 0.21 | 0.21 | 0.21 | 0.22 | 0.22 | 0.22 | 0.22 | 0.21 | 0.20 | 0.21 | 0.21 | 0.22 | 0.21 | 0.22 | 0.21 | 0.21 | 0.20 | 0.20 | 0.21 | 0.21 | 0.21 | 0.20 | 0.20 | 0.21 |
| Vitamin B12 | mcg/100 g | 0.926 | 1.49 | 1.24 | 1.26 | 0.967 | 1.08 | 0.982 | 0.903 | 0.913 | 1.11 | 1.02 | 1.06 | 1.47 | 1.33 | 0.943 | 1.33 | 1.48 | 1.34 | 1.58 | 1.18 | 1.16 | 1.17 | 1.24 | 1.19 |
| Vitamin B6 | mg/100 g | 0.477 | 0.425 | 0.451 | 0.429 | 0.420 | 0.296 | 0.310 | 0.315 | 0.380 | 0.320 | 0.339 | 0.408 | 0.389 | 0.311 | 0.358 | 0.291 | 0.377 | 0.415 | 0.410 | 0.348 | 0.370 | 0.306 | 0.343 | 0.326 |
| Zinc | % | 0.0015 | 0.0015 | 0.0014 | 0.0013 | 0.0015 | 0.0013 | 0.0015 | 0.0013 | 0.0015 | 0.0017 | 0.0015 | 0.0016 | 0.0014 | 0.0014 | 0.0014 | 0.0014 | 0.0016 | 0.0014 | 0.0013 | 0.0016 | 0.0015 | 0.0016 | 0.0014 | 0.0015 |

| SubtestDescription | Units | ME2005-003908 / 051 | ME2005-003909 / 047 | ME2005-003910 / 051 | ME2005-003911 / 059 | ME2005-003912 / 049 | ME2005-003913 / 054 | ME2005-003914 / 048 | ME2005-004276 / 200437302 5-Jan-05 | ME2005-004279 / 200433507 5-Jan-05 | ME2005-004280 / 200434306 5-Jan-05 | ME2005-004281 / 200433503 5-Jan-05 | ME2005-004282 / 200430501 5-Jan-05 | ME2005-004283 / 200440603 5-Jan-05 | ME2005-004285 / 200435410 5-Jan-05 | ME2005-004286 / 200434008 5-Jan-05 | ME2005-004287 / 200435411 5-Jan-05 | ME2005-004289 / 200438706 5-Jan-05 | ME2005-004290 / 200439208 5-Jan-05 | ME2005-004291 / 200440911 5-Jan-05 | ME2005-004292 / 200435305 5-Jan-05 | ME2005-004293 / 200433502 5-Jan-05 | ME2005-004294 / 200435301 5-Jan-05 | ME2005-004295 / 200434303 5-Jan-05 | ME2005-004296 / 200431603 5-Jan-05 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alanine | % | 1.32 | 1.21 | 1.33 | 1.28 | 1.23 | 1.33 | 1.34 | 1.52 | 1.43 | 1.41 | 1.44 | 1.46 | 1.33 | 1.40 | 1.33 | 1.43 | 1.56 | 1.38 | 1.34 | 1.42 | 1.35 | 1.41 | 1.30 | 1.37 |
| Arginine | % | 1.55 | 1.44 | 1.60 | 1.49 | 1.44 | 1.56 | 1.51 | 1.80 | 1.66 | 1.67 | 1.66 | 1.74 | 1.54 | 1.65 | 2.31 | 1.68 | 1.84 | 1.63 | 1.57 | 1.71 | 1.64 | 1.66 | 1.52 | 1.59 |
| Aspartic Acid | % | 2.24 | 2.03 | 2.22 | 2.17 | 2.07 | 2.14 | 2.24 | 2.52 | 2.34 | 2.40 | 2.49 | 2.50 | 2.41 | 2.32 | 2.34 | 2.27 | 2.56 | 2.38 | 2.23 | 2.36 | 2.29 | 2.42 | 2.05 | 2.29 |
| Cystine | % | 0.22 | 0.22 | 0.23 | 0.23 | 0.21 | 0.22 | 0.25 | 0.28 | 0.23 | 0.23 | 0.25 | 0.26 | 0.26 | 0.26 | 0.27 | 0.24 | 0.27 | 0.23 | 0.23 | 0.27 | 0.25 | 0.25 | 0.25 | 0.28 |
| Glutamic Acid | % | 3.51 | 3.22 | 3.54 | 3.39 | 3.18 | 3.32 | 3.48 | 4.13 | 3.67 | 3.89 | 3.93 | 4.12 | 3.81 | 3.72 | 3.72 | 3.72 | 4.22 | 3.89 | 3.61 | 3.90 | 3.72 | 3.93 | 3.40 | 3.82 |
| Glycine | % | 1.02 | 0.94 | 1.06 | 0.97 | 1.04 | 1.25 | 1.09 | 1.36 | 1.33 | 1.14 | 1.10 | 1.16 | 0.99 | 1.27 | 0.97 | 1.38 | 1.44 | 0.98 | 1.16 | 1.07 | 1.03 | 1.02 | 1.27 | 1.04 |
| Histidine | % | 1.07 | 1.00 | 1.08 | 1.00 | 0.97 | 1.00 | 1.02 | 1.11 | 0.95 | 0.99 | 1.04 | 1.02 | 0.98 | 0.92 | 1.29 | 0.94 | 1.07 | 0.97 | 0.86 | 1.01 | 1.02 | 1.01 | 0.86 | 0.96 |
| Isoleucine | % | 1.02 | 0.96 | 1.03 | 1.01 | 0.96 | 0.99 | 0.99 | 1.18 | 0.99 | 1.05 | 1.09 | 1.12 | 1.08 | 1.05 | 1.09 | 0.98 | 1.16 | 1.05 | 0.96 | 1.06 | 1.03 | 1.10 | 0.95 | 1.08 |
| Leucine | % | 1.83 | 1.69 | 1.82 | 1.78 | 1.67 | 1.73 | 1.80 | 2.09 | 1.85 | 1.95 | 2.01 | 2.06 | 1.95 | 1.89 | 1.93 | 1.83 | 2.10 | 1.94 | 1.77 | 1.95 | 1.87 | 1.97 | 1.67 | 1.88 |
| Lysine, Total | % | 2.02 | 1.88 | 2.04 | 1.95 | 1.87 | 1.87 | 1.99 | 2.32 | 2.00 | 2.12 | 2.21 | 2.29 | 2.17 | 2.12 | 2.69 | 1.98 | 2.36 | 2.11 | 1.95 | 2.15 | 2.05 | 2.14 | 1.81 | 2.09 |
| Methionine | % | 0.55 | 0.54 | 0.58 | 0.61 | 0.54 | 0.55 | 0.63 | 0.67 | 0.56 | 0.57 | 0.61 | 0.69 | 0.65 | 0.65 | 0.71 | 0.59 | 0.66 | 0.57 | 0.59 | 0.68 | 0.65 | 0.65 | 0.62 | 0.71 |
| Phenylalanine | % | 0.87 | 0.82 | 0.88 | 0.85 | 0.81 | 0.83 | 0.85 | 1.04 | 0.87 | 0.91 | 0.98 | 0.94 | 0.93 | 0.88 | 1.06 | 0.91 | 1.06 | 0.87 | 0.83 | 0.95 | 0.92 | 0.93 | 0.80 | 0.90 |
| Proline | % | 0.93 | 0.85 | 1.04 | 0.87 | 0.93 | 1.07 | 1.02 | 1.18 | 1.03 | 1.04 | 1.00 | 1.09 | 1.07 | 1.23 | 1.03 | 1.15 | 1.16 | 1.18 | 1.25 | 1.25 | 1.19 | 1.18 | 1.24 | 1.20 |
| Serine | % | 0.93 | 0.86 | 0.92 | 0.91 | 0.86 | 0.85 | 0.94 | 1.04 | 0.99 | 1.00 | 1.05 | 1.05 | 0.98 | 0.97 | 0.95 | 0.96 | 1.08 | 0.98 | 0.95 | 0.98 | 0.95 | 1.00 | 0.86 | 0.93 |
| Threonine | % | 1.05 | 0.92 | 1.04 | 1.01 | 0.95 | 0.98 | 1.04 | 1.21 | 1.09 | 1.13 | 1.15 | 1.14 | 1.15 | 1.07 | 1.08 | 1.04 | 1.22 | 1.13 | 1.03 | 1.09 | 1.07 | 1.12 | 0.92 | 1.07 |
| Tyrosine | % | 0.76 | 0.71 | 0.77 | 0.75 | 0.70 | 0.71 | 0.75 | 0.90 | 0.74 | 0.80 | 0.84 | 0.83 | 0.82 | 0.75 | 0.88 | 0.79 | 0.91 | 0.79 | 0.73 | 0.85 | 0.82 | 0.84 | 0.69 | 0.82 |
| Valine | % | 1.09 | 1.01 | 1.08 | 1.07 | 1.03 | 1.05 | 1.06 | 1.27 | 1.08 | 1.10 | 1.14 | 1.18 | 1.14 | 1.12 | 1.13 | 1.07 | 1.26 | 1.08 | 1.01 | 1.09 | 1.06 | 1.16 | 1.04 | 1.13 |
| Calcium | % | 0.0041 | 0.0042 | 0.0040 | 0.0039 | 0.0050 | 0.0040 | 0.0043 | 0.0045 | 0.0056 | 0.0048 | 0.0048 | 0.0065 | 0.0048 | 0.0046 | 0.0061 | 0.0093 | 0.0054 | 0.0081 | 0.0053 | 0.0068 | 0.0055 | 0.0064 | 0.0047 | 0.0077 |
| Cholesterol | mg/100 g | 59.3 | 59.0 | 60.7 | 60.7 | 63.5 | 63.9 | 61.3 | 54.5 | 55.8 | 58.6 | 62.6 | 60.0 | 69.0 | 60.9 | 61.7 | 62.4 | 62.4 | 68.0 | 60.9 | 59.4 | 53.5 | 53.0 | 61.2 | 61.3 |
| C08:0 Octanoic (Caprylic) | % | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C10:0 Decanoic (Capric) | % | 0.01 | 0.02 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C11:0 Undecanoic (Hendecanoic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C12:0 Dodecanoic (Lauric) | % | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C14:0 Tetradecanoic (Myristic) | % | 0.17 | 0.19 | 0.12 | 0.12 | 0.18 | 0.12 | 0.07 | 0.05 | 0.09 | 0.07 | 0.06 | 0.08 | 0.09 | 0.06 | 0.08 | 0.13 | 0.10 | 0.07 | 0.09 | 0.08 | 0.07 | 0.05 | 0.07 | 0.07 |
| C14:1 Tetradecenoic (Myristoleic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:0 Pentadecanoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:1 Pentadecenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C16:0 Hexadecanoic (Palmitic) | % | 3.17 | 3.21 | 2.37 | 2.26 | 3.35 | 2.21 | 1.24 | 0.98 | 1.55 | 1.31 | 0.96 | 1.45 | 1.49 | 1.07 | 1.53 | 2.26 | 1.97 | 1.21 | 1.47 | 1.24 | 1.22 | 0.75 | 1.34 | 1.12 |
| C16:1 Hexadecenoic (Palmitoleic) | % | 0.22 | 0.33 | 0.20 | 0.24 | 0.31 | 0.24 | 0.12 | 0.12 | 0.19 | 0.15 | 0.15 | 0.17 | 0.21 | 0.13 | 0.15 | 0.24 | 0.24 | 0.15 | 0.16 | 0.17 | 0.14 | 0.11 | 0.18 | 0.14 |
| C17:0 Heptadecanoic (Margaric) | % | 0.04 | 0.02 | 0.03 | 0.02 | 0.03 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 |
| C17:1 Heptadecenoic Margaroleic | % | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 |
| C18:0 Octadecanoic (Stearic) | % | 1.94 | 1.79 | 1.45 | 1.22 | 1.91 | 1.20 | 0.69 | 0.48 | 0.72 | 0.68 | 0.40 | 0.77 | 0.66 | 0.57 | 0.83 | 1.26 | 1.02 | 0.58 | 0.70 | 0.54 | 0.59 | 0.34 | 0.66 | 0.54 |
| C18:1 Octadecenoic (Oleic) | % | 3.41 | 4.52 | 3.10 | 3.43 | 4.80 | 3.48 | 1.90 | 1.77 | 2.90 | 2.28 | 1.66 | 2.44 | 2.29 | 1.86 | 2.48 | 3.44 | 3.23 | 1.95 | 2.24 | 2.18 | 2.08 | 1.36 | 2.35 | 1.89 |
| C18:2 Octadecadienoic (Linoleic) | % | 0.23 | 0.38 | 0.34 | 0.33 | 0.57 | 0.37 | 0.24 | 0.24 | 0.37 | 0.32 | 0.21 | 0.35 | 0.28 | 0.25 | 0.38 | 0.44 | 0.46 | 0.25 | 0.35 | 0.33 | 0.41 | 0.20 | 0.34 | 0.26 |
| C18:3 Octadecatrienoic (Linolenic) | % | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | <0.01 | 0.01 | <0.01 |
| C18:4 Octadecatetraenoic | % | 0.02 | 0.02 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:0 Eicosanoic (Arachidic) | % | 0.04 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.01 | <0.01 | 0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 |
| C20:1 Eicosenoic (Gadoleic) | % | 0.14 | 0.14 | 0.11 | 0.10 | 0.14 | 0.09 | 0.05 | 0.05 | 0.06 | 0.08 | 0.05 | 0.07 | 0.07 | 0.05 | 0.08 | 0.09 | 0.09 | 0.07 | 0.08 | 0.07 | 0.09 | 0.05 | 0.07 | 0.07 |
| C20:2 Eicosadienoic | % | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | <0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | <0.01 | 0.02 | 0.01 |
| C20:3 Eicosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:4 Eicosatetraenoic (Arachidonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 |
| C20:5 Eicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 |
| C21:5 Heneicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:0 Docosanoic (Behenic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:1 Docosenoic (Erucic) | % | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | 0.01 | 0.01 | 0.01 | 0.04 | <0.01 | 0.01 | 0.01 |
| C22:2 Docosadienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:3 Docosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:4 Docosatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:5 Docosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:6 Docosahexaenoic | % | 0.07 | 0.06 | 0.04 | 0.04 | 0.05 | 0.03 | 0.02 | <0.01 | 0.02 | 0.01 | <0.01 | 0.01 | 0.01 | <0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | <0.01 | 0.01 | 0.01 |
| C24:0 Tetracosanoic (Lignoceric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C24:1 Tetracosenoic (Nervonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Iron | % | 0.00070 | 0.00060 | 0.00067 | 0.00055 | 0.00055 | 0.00066 | 0.00056 | 0.00068 | 0.00052 | 0.00066 | 0.00061 | 0.00051 | 0.00056 | 0.00066 | 0.00060 | 0.00070 | 0.00052 | 0.00067 | 0.00062 | 0.00064 | 0.00061 | 0.00086 | 0.00060 | 0.00064 |
| Niacin | mg/100 g | 11.2 | 9.16 | 9.88 | 9.63 | 9.13 | 10.1 | 10.1 | 11.5 | 10.5 | 11.2 | 10.4 | 11.2 | 11.9 | 10.4 | 11.5 | 11.1 | 11.0 | 12.4 | 10.8 | 12.6 | 11.2 | 12.5 | 13.0 | 13.0 |
| Phosphorus | % | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.20 | 0.21 | 0.21 | 0.21 | 0.21 | 0.22 | 0.21 | 0.21 | 0.22 | 0.21 | 0.21 | 0.21 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.21 | 0.22 |
| Vitamin B12 | mcg/100 g | 1.07 | 1.04 | 1.50 | 1.05 | 0.939 | 1.67 | 0.774 | 1.20 | 0.888 | 1.22 | 1.32 | 1.03 | 1.29 | 1.29 | 1.08 | 1.41 | 0.816 | 1.51 | 1.48 | 1.53 | 1.01 | 0.944 | 0.838 | 1.22 |
| Vitamin B6 | mg/100 g | 0.485 | 0.404 | 0.615 | 0.476 | 0.385 | 0.581 | 0.407 | 0.550 | 0.294 | 0.398 | 0.444 | 0.418 | 0.330 | 0.352 | 0.364 | 0.381 | 0.308 | 0.352 | 0.350 | 0.430 | 0.343 | 0.435 | 0.304 | 0.352 |
| Zinc | % | 0.0014 | 0.0015 | 0.0015 | 0.0013 | 0.0013 | 0.0014 | 0.0014 | 0.0014 | 0.0015 | 0.0016 | 0.0017 | 0.0015 | 0.0017 | 0.0016 | 0.0017 | 0.0016 | 0.0014 | 0.0015 | 0.0017 | 0.0017 | 0.0014 | 0.0016 | 0.0014 | 0.0017 |

| SubtestDescription | Units | ME2005-004297 / 200433003 5-Jan-05 | ME2005-004298 / 200432312 5-Jan-05 | ME2005-004299 / 200432005 5-Jan-05 | ME2005-004300 / 200436902 5-Jan-05 | ME2005-004301 / 200436002 5-Jan-05 | ME2005-004302 / 200431410 5-Jan-05 | ME2005-004303 / 200432401 5-Jan-05 | ME2005-004304 / 200432102 5-Jan-05 | ME2005-004305 / 200436013 5-Jan-05 | ME2005-004306 / 200432504 5-Jan-05 | ME2005-004307 / 200438106 5-Jan-05 | ME2005-004308 / 200432001 5-Jan-05 | ME2005-004309 / 200438105 5-Jan-05 | ME2005-004310 / 200431506 5-Jan-05 | ME2005-004311 / 200437408 5-Jan-05 | ME2005-004352 / 200433506 10-Jan-05 | ME2005-004353 / 200434302 10-Jan-05 | ME2005-004354 / 200434903 10-Jan-05 | ME2005-004355 / 200435405 10-Jan-05 | ME2005-004356 / 200434905 10-Jan-05 | ME2005-004357 / 200432906 10-Jan-05 | ME2005-004358 / 200435310 10-Jan-05 | ME2005-004359 / 200438402 10-Jan-05 | ME2005-004360 / 200438501 10-Jan-05 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alanine | % | 1.48 | 1.37 | 1.47 | 1.44 | 1.42 | 1.27 | 1.33 | 1.32 | 1.37 | 1.38 | 1.23 | 1.37 | 1.34 | 1.38 | 1.29 | 1.31 | 1.39 | 1.32 | 1.46 | 1.58 | 1.46 | 1.56 | 1.50 | 1.41 |
| Arginine | % | 1.79 | 1.69 | 1.68 | 1.68 | 1.56 | 1.39 | 1.59 | 1.53 | 1.60 | 1.62 | 1.45 | 1.62 | 1.55 | 1.67 | 1.53 | 1.55 | 1.64 | 1.57 | 1.72 | 1.84 | 1.73 | 1.81 | 1.77 | 1.67 |
| Aspartic Acid | % | 2.50 | 2.35 | 2.36 | 2.51 | 2.37 | 2.16 | 2.34 | 2.23 | 2.31 | 2.27 | 2.15 | 2.40 | 2.17 | 2.33 | 2.20 | 2.25 | 2.37 | 2.27 | 2.49 | 2.66 | 2.47 | 2.63 | 2.59 | 2.45 |
| Cystine | % | 0.26 | 0.25 | 0.27 | 0.25 | 0.30 | 0.28 | 0.30 | 0.26 | 0.23 | 0.27 | 0.23 | 0.25 | 0.23 | 0.25 | 0.29 | 0.25 | 0.26 | 0.26 | 0.26 | 0.25 | 0.24 | 0.25 | 0.25 | 0.27 |
| Glutamic Acid | % | 3.94 | 3.80 | 3.76 | 3.98 | 3.72 | 3.32 | 3.76 | 3.54 | 3.67 | 3.67 | 3.44 | 3.84 | 3.51 | 3.81 | 3.55 | 3.61 | 3.88 | 3.66 | 4.05 | 4.31 | 4.03 | 4.19 | 4.19 | 3.93 |
| Glycine | % | 1.18 | 1.09 | 1.34 | 0.95 | 1.25 | 1.06 | 1.01 | 1.10 | 1.14 | 1.25 | 0.92 | 1.00 | 1.25 | 1.14 | 1.04 | 1.04 | 1.10 | 1.04 | 1.06 | 1.33 | 1.21 | 1.21 | 1.12 | 1.07 |
| Histidine | % | 1.04 | 0.96 | 1.03 | 1.01 | 0.94 | 0.91 | 0.96 | 1.02 | 1.04 | 1.02 | 0.91 | 1.04 | 0.94 | 0.99 | 0.99 | 1.01 | 1.12 | 1.00 | 1.08 | 1.19 | 1.14 | 1.11 | 1.15 | 1.06 |
| Isoleucine | % | 1.16 | 1.08 | 1.04 | 1.16 | 1.04 | 0.96 | 1.08 | 1.04 | 1.09 | 1.06 | 1.03 | 1.16 | 1.01 | 1.09 | 1.05 | 1.07 | 1.09 | 1.08 | 1.20 | 1.19 | 1.15 | 1.21 | 1.19 | 1.12 |
| Leucine | % | 2.03 | 1.90 | 1.85 | 2.01 | 1.84 | 1.71 | 1.92 | 1.85 | 1.93 | 1.89 | 1.77 | 1.99 | 1.80 | 1.94 | 1.85 | 1.88 | 1.97 | 1.90 | 2.10 | 2.19 | 2.06 | 2.19 | 2.15 | 2.01 |
| Lysine, Total | % | 2.20 | 2.10 | 2.02 | 2.19 | 2.02 | 1.86 | 2.18 | 2.05 | 2.12 | 2.08 | 1.99 | 2.24 | 1.99 | 2.17 | 2.05 | 2.11 | 2.21 | 2.12 | 2.28 | 2.48 | 2.31 | 2.36 | 2.39 | 2.27 |
| Methionine | % | 0.64 | 0.67 | 0.71 | 0.63 | 0.74 | 0.67 | 0.73 | 0.66 | 0.58 | 0.68 | 0.61 | 0.61 | 0.61 | 0.72 | 0.73 | 0.63 | 0.65 | 0.67 | 0.66 | 0.63 | 0.62 | 0.66 | 0.66 | 0.66 |
| Phenylalanine | % | 0.96 | 0.92 | 0.90 | 0.97 | 0.86 | 0.86 | 0.96 | 0.92 | 0.95 | 0.94 | 0.88 | 1.00 | 0.89 | 0.95 | 0.91 | 0.92 | 0.97 | 0.93 | 1.06 | 1.08 | 1.02 | 1.14 | 1.07 | 1.00 |
| Proline | % | 1.29 | 1.29 | 1.30 | 1.12 | 1.10 | 1.12 | 0.93 | 1.02 | 1.11 | 1.14 | 0.90 | 1.00 | 1.04 | 1.07 | 1.03 | 1.01 | 1.03 | 0.97 | 1.07 | 1.21 | 1.10 | 1.15 | 1.08 | 1.07 |
| Serine | % | 1.00 | 0.96 | 0.95 | 0.98 | 0.95 | 0.86 | 0.94 | 0.92 | 0.94 | 0.94 | 0.85 | 0.95 | 0.91 | 0.97 | 0.90 | 0.92 | 0.99 | 0.91 | 1.00 | 1.12 | 1.00 | 1.08 | 1.06 | 0.99 |
| Threonine | % | 1.17 | 1.08 | 1.07 | 1.17 | 1.08 | 0.99 | 1.11 | 1.05 | 1.10 | 1.07 | 1.02 | 1.11 | 1.02 | 1.12 | 1.08 | 1.07 | 1.14 | 1.11 | 1.16 | 1.29 | 1.21 | 1.24 | 1.24 | 1.19 |
| Tyrosine | % | 0.87 | 0.81 | 0.75 | 0.86 | 0.77 | 0.73 | 0.83 | 0.80 | 0.84 | 0.81 | 0.75 | 0.84 | 0.76 | 0.83 | 0.79 | 0.80 | 0.85 | 0.81 | 0.90 | 0.95 | 0.88 | 0.94 | 0.92 | 0.87 |
| Valine | % | 1.22 | 1.12 | 1.12 | 1.24 | 1.15 | 1.04 | 1.14 | 1.12 | 1.16 | 1.14 | 1.07 | 1.23 | 1.09 | 1.15 | 1.11 | 1.13 | 1.16 | 1.15 | 1.24 | 1.29 | 1.23 | 1.27 | 1.26 | 1.18 |
| Calcium | % | 0.0050 | 0.0048 | 0.0069 | 0.0049 | 0.0048 | 0.0047 | 0.0054 | 0.0058 | 0.0049 | 0.0057 | 0.0054 | 0.0048 | 0.0073 | 0.0048 | 0.0051 | 0.0045 | 0.0054 | 0.0046 | 0.0045 | 0.0047 | 0.0050 | 0.0055 | 0.0052 | 0.0044 |
| Cholesterol | mg/100 g | 55.8 | 55.5 | 56.0 | 57.7 | 66.0 | 65.9 | 58.5 | 54.5 | 57.9 | 60.5 | 59.7 | 57.4 | 62.4 | 62.8 | 63.9 | 58.6 | 58.9 | 62.0 | 59.3 | 57.7 | 60.5 | 57.7 | 54.9 | 63.2 |
| C08:0 Octanoic (Caprylic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C10:0 Decanoic (Capric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C11:0 Undecanoic (Hendecanoic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C12:0 Dodecanoic (Lauric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C14:0 Tetradecanoic (Myristic) | % | 0.06 | 0.12 | 0.09 | 0.06 | 0.09 | 0.08 | 0.06 | 0.09 | 0.09 | 0.09 | 0.15 | 0.07 | 0.12 | 0.12 | 0.09 | 0.10 | 0.06 | 0.09 | 0.05 | 0.06 | 0.06 | 0.07 | 0.04 | 0.10 |
| C14:1 Tetradecenoic (Myristoleic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:0 Pentadecanoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:1 Pentadecenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C16:0 Hexadecanoic (Palmitic) | % | 1.04 | 2.00 | 1.64 | 1.00 | 1.28 | 1.26 | 0.94 | 1.33 | 1.39 | 1.38 | 2.60 | 1.18 | 2.25 | 2.02 | 1.55 | 1.55 | 1.14 | 1.35 | 1.00 | 1.02 | 1.03 | 1.11 | 0.64 | 1.57 |
| C16:1 Hexadecenoic (Palmitoleic) | % | 0.13 | 0.25 | 0.18 | 0.14 | 0.17 | 0.17 | 0.12 | 0.18 | 0.17 | 0.17 | 0.30 | 0.16 | 0.23 | 0.27 | 0.17 | 0.21 | 0.14 | 0.18 | 0.10 | 0.13 | 0.10 | 0.11 | 0.06 | 0.13 |
| C17:0 Heptadecanoic (Margaric) | % | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C17:1 Heptadecenoic Margaroleic | % | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | 0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C18:0 Octadecanoic (Stearic) | % | 0.49 | 0.90 | 0.83 | 0.43 | 0.58 | 0.56 | 0.44 | 0.63 | 0.64 | 0.65 | 1.29 | 0.51 | 1.25 | 0.91 | 0.79 | 0.70 | 0.59 | 0.60 | 0.53 | 0.50 | 0.53 | 0.51 | 0.32 | 0.72 |
| C18:1 Octadecenoic (Oleic) | % | 2.00 | 3.19 | 2.66 | 1.78 | 2.15 | 2.12 | 1.68 | 2.31 | 2.29 | 2.31 | 4.04 | 2.10 | 3.66 | 3.15 | 2.35 | 2.78 | 2.02 | 2.26 | 1.26 | 1.59 | 1.55 | 1.54 | 0.85 | 1.59 |
| C18:2 Octadecadienoic (Linoleic) | % | 0.29 | 0.38 | 0.36 | 0.22 | 0.29 | 0.34 | 0.22 | 0.37 | 0.29 | 0.26 | 0.50 | 0.33 | 0.53 | 0.32 | 0.36 | 0.41 | 0.26 | 0.31 | 0.13 | 0.17 | 0.20 | 0.18 | 0.12 | 0.14 |
| C18:3 Octadecatrienoic (Linolenic) | % | 0.01 | 0.01 | 0.01 | <0.01 | 0.01 | 0.01 | <0.01 | 0.02 | 0.01 | <0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C18:4 Octadecatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:0 Eicosanoic (Arachidic) | % | 0.01 | 0.02 | 0.01 | <0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | <0.01 | 0.02 | 0.02 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 |
| C20:1 Eicosenoic (Gadoleic) | % | 0.07 | 0.15 | 0.10 | 0.07 | 0.07 | 0.09 | 0.07 | 0.08 | 0.07 | 0.09 | 0.15 | 0.08 | 0.12 | 0.12 | 0.07 | 0.10 | 0.07 | 0.06 | 0.09 | 0.07 | 0.09 | 0.10 | 0.05 | 0.17 |
| C20:2 Eicosadienoic | % | 0.01 | 0.01 | 0.01 | <0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 |
| C20:3 Eicosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:4 Eicosatetraenoic (Arachidonic) | % | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:5 Eicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C21:5 Heneicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:0 Docosanoic (Behenic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:1 Docosenoic (Erucic) | % | 0.01 | 0.04 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | <0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.02 | 0.01 | 0.03 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:2 Docosadienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:3 Docosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:4 Docosatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:5 Docosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:6 Docosahexaenoic | % | 0.01 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | <0.01 | 0.01 | 0.01 | 0.03 | <0.01 | 0.02 | 0.02 | <0.01 | 0.02 | 0.01 | <0.01 | 0.03 | 0.01 | 0.03 | 0.03 | 0.01 | 0.06 |
| C24:0 Tetracosanoic (Lignoceric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C24:1 Tetracosenoic (Nervonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Iron | % | 0.00057 | 0.00093 | 0.00050 | 0.00066 | 0.00064 | 0.00071 | 0.00057 | 0.00063 | 0.00049 | 0.00054 | 0.00077 | 0.00060 | 0.00057 | 0.00051 | 0.00040 | 0.00053 | 0.00091 | 0.00056 | 0.00055 | 0.00058 | 0.00060 | 0.00056 | 0.00062 | 0.00054 |
| Niacin | mg/100 g | 13.8 | 12.6 | 12.3 | 11.5 | 10.9 | 10.9 | 11.6 | 9.95 | 10.3 | 10.9 | 10.4 | 10.9 | 10.4 | 10.5 | 9.98 | 9.66 | 11.5 | 10.5 | 10.3 | 10.7 | 12.1 | 12.0 | 11.6 | 11.1 |
| Phosphorus | % | 0.21 | 0.22 | 0.21 | 0.22 | 0.21 | 0.22 | 0.22 | 0.22 | 0.21 | 0.22 | 0.21 | 0.22 | 0.21 | 0.22 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.22 | 0.21 | 0.22 | 0.21 | 0.21 |
| Vitamin B12 | mcg/100 g | 1.01 | 0.962 | 0.803 | 0.842 | 0.945 | 1.12 | 0.846 | 0.726 | 1.03 | 1.04 | 0.734 | 0.899 | 1.06 | 1.05 | 0.840 | 0.838 | 0.895 | 1.29 | 0.948 | 0.962 | 1.04 | 1.04 | 0.933 | 0.863 |
| Vitamin B6 | mg/100 g | 0.367 | 0.419 | 0.600 | 0.458 | 0.442 | 0.292 | 0.380 | 0.397 | 0.430 | 0.449 | 0.342 | 0.413 | 0.388 | 0.575 | 0.441 | 0.357 | 0.475 | 0.348 | 0.386 | 0.348 | 0.309 | 0.368 | 0.326 | 0.315 |
| Zinc | % | 0.0014 | 0.0016 | 0.0015 | 0.0015 | 0.0017 | 0.0019 | 0.0015 | 0.0018 | 0.0015 | 0.0015 | 0.0020 | 0.0015 | 0.0015 | 0.0015 | 0.0013 | 0.0015 | 0.0013 | 0.0016 | 0.0015 | 0.0017 | 0.0014 | 0.0018 | 0.0017 | 0.0015 |

| SubtestDescription | Units | ME2005-004361 / 20043480 3 10-Jan-05 | ME2005-004362 / 20043290 4 10-Jan-05 | ME2005-004363 / 20043490 4 10-Jan-05 | ME2005-004364 / 20043050 6 10-Jan-05 | ME2005-004365 / 20043540 3 10-Jan-05 | ME2005-004366 / 20043480 4 10-Jan-05 | ME2005-004367 / 20043450 9 10-Jan-05 | ME2005-004368 / 20043460 7 10-Jan-05 | ME2005-004369 / 20043750 2 10-Jan-05 | ME2005-004370 / 20043450 4 10-Jan-05 | ME2005-004371 / 20043600 7 10-Jan-05 | ME2005-004372 / 20043240 7 10-Jan-05 | ME2005-004373 / 20043450 1 10-Jan-05 | ME2005-004374 / 20043061 0 10-Jan-05 | ME2005-004375 / 20043660 8 10-Jan-05 | ME2005-004376 / 20043300 2 10-Jan-05 | ME2005-004377 / 20043450 3 10-Jan-05 | ME2005-004378 / 20043070 1 10-Jan-05 | ME2005-004379 / 20043580 1 10-Jan-05 | ME2005-004423 / 20043050 4 12-Jan-05 | ME2005-004424 / 20043400 6 12-Jan-05 | ME2005-004425 / 20043631 2 12-Jan-05 | ME2005-004426 / 20043290 1 12-Jan-05 | ME2005-004427 / 20044090 3 12-Jan-05 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alanine | % | 1.52 | 1.44 | 1.81 | 1.59 | 1.45 | 1.55 | 1.46 | 1.41 | 1.32 | 1.55 | 1.46 | 1.55 | 1.54 | 1.51 | 1.41 | 1.63 | 1.57 | 1.52 | 1.44 | 1.33 | 1.28 | 1.29 | 1.36 | 1.39 |
| Arginine | % | 1.74 | 1.69 | 2.11 | 1.77 | 1.69 | 1.80 | 1.70 | 1.65 | 1.49 | 1.78 | 1.62 | 1.76 | 1.74 | 1.72 | 1.61 | 1.87 | 1.81 | 1.69 | 1.64 | 1.56 | 1.52 | 1.51 | 1.64 | 1.63 |
| Aspartic Acid | % | 2.50 | 2.48 | 3.02 | 2.51 | 2.44 | 2.60 | 2.52 | 2.46 | 2.23 | 2.59 | 2.43 | 2.65 | 2.57 | 2.52 | 2.36 | 2.76 | 2.65 | 2.47 | 2.46 | 2.25 | 2.23 | 2.15 | 2.40 | 2.41 |
| Cystine | % | 0.24 | 0.25 | 0.25 | 0.25 | 0.23 | 0.24 | 0.25 | 0.24 | 0.25 | 0.24 | 0.24 | 0.24 | 0.24 | 0.22 | 0.24 | 0.25 | 0.26 | 0.22 | 0.23 | 0.26 | 0.24 | 0.24 | 0.25 | 0.26 |
| Glutamic Acid | % | 3.99 | 4.00 | 4.87 | 4.08 | 3.94 | 4.17 | 3.97 | 3.94 | 3.57 | 4.17 | 3.83 | 4.17 | 4.07 | 3.99 | 3.77 | 4.40 | 4.22 | 3.97 | 3.90 | 3.65 | 3.60 | 3.44 | 3.97 | 3.97 |
| Glycine | % | 1.36 | 1.10 | 1.57 | 1.50 | 1.21 | 1.28 | 1.14 | 1.06 | 1.12 | 1.37 | 1.16 | 1.18 | 1.25 | 1.20 | 1.13 | 1.19 | 1.22 | 1.27 | 1.22 | 1.17 | 0.99 | 1.16 | 1.03 | 1.09 |
| Histidine | % | 1.10 | 1.11 | 1.29 | 1.03 | 1.04 | 1.18 | 1.08 | 1.08 | 0.94 | 0.98 | 0.97 | 1.10 | 1.05 | 1.07 | 0.97 | 1.23 | 1.14 | 0.99 | 1.08 | 0.96 | 0.98 | 0.96 | 0.98 | 0.96 |
| Isoleucine | % | 1.11 | 1.10 | 1.33 | 1.07 | 1.08 | 1.17 | 1.13 | 1.10 | 0.82 | 1.05 | 0.97 | 1.15 | 1.19 | 1.18 | 1.12 | 1.33 | 1.24 | 1.07 | 0.93 | 1.05 | 1.06 | 1.00 | 1.10 | 1.03 |
| Leucine | % | 2.03 | 2.03 | 2.45 | 2.03 | 1.99 | 2.13 | 2.06 | 2.00 | 1.75 | 2.07 | 1.98 | 2.19 | 2.13 | 2.10 | 1.96 | 2.32 | 2.21 | 2.03 | 1.96 | 1.85 | 1.86 | 1.77 | 1.99 | 1.97 |
| Lysine, Total | % | 2.28 | 2.28 | 2.76 | 2.20 | 2.23 | 2.40 | 2.29 | 2.27 | 1.96 | 2.33 | 2.09 | 2.32 | 2.31 | 2.24 | 2.10 | 2.49 | 2.35 | 2.09 | 2.18 | 2.06 | 2.09 | 1.99 | 2.25 | 2.21 |
| Methionine | % | 0.59 | 0.61 | 0.61 | 0.66 | 0.61 | 0.61 | 0.67 | 0.58 | 0.59 | 0.59 | 0.60 | 0.61 | 0.60 | 0.57 | 0.62 | 0.65 | 0.65 | 0.54 | 0.56 | 0.62 | 0.61 | 0.59 | 0.62 | 0.67 |
| Phenylalanine | % | 1.01 | 1.01 | 1.22 | 1.08 | 1.00 | 1.06 | 1.02 | 1.00 | 0.86 | 1.04 | 1.04 | 1.16 | 1.13 | 1.11 | 1.00 | 1.18 | 1.18 | 1.08 | 0.96 | 0.91 | 0.91 | 0.88 | 0.97 | 0.95 |
| Proline | % | 1.25 | 1.07 | 1.37 | 1.32 | 1.10 | 1.17 | 1.13 | 1.01 | 1.02 | 1.18 | 1.00 | 1.04 | 1.06 | 1.15 | 1.01 | 1.19 | 1.19 | 1.19 | 1.07 | 0.97 | 0.96 | 1.01 | 0.94 | 1.00 |
| Serine | % | 1.05 | 1.03 | 1.25 | 1.07 | 1.00 | 1.07 | 1.02 | 1.00 | 0.96 | 1.09 | 1.02 | 1.08 | 1.05 | 1.01 | 0.95 | 1.11 | 1.07 | 1.04 | 1.04 | 0.92 | 0.91 | 0.87 | 0.98 | 0.99 |
| Threonine | % | 1.18 | 1.18 | 1.45 | 1.16 | 1.18 | 1.25 | 1.21 | 1.19 | 1.05 | 1.23 | 1.14 | 1.26 | 1.20 | 1.18 | 1.10 | 1.30 | 1.24 | 1.14 | 1.19 | 1.08 | 1.07 | 1.04 | 1.20 | 1.19 |
| Tyrosine | % | 0.86 | 0.88 | 1.05 | 0.87 | 0.85 | 0.91 | 0.89 | 0.87 | 0.76 | 0.89 | 0.84 | 0.93 | 0.91 | 0.89 | 0.82 | 0.99 | 0.95 | 0.86 | 0.85 | 0.80 | 0.80 | 0.75 | 0.86 | 0.85 |
| Valine | % | 1.19 | 1.17 | 1.43 | 1.12 | 1.16 | 1.25 | 1.21 | 1.17 | 0.89 | 1.12 | 1.02 | 1.21 | 1.24 | 1.24 | 1.16 | 1.37 | 1.28 | 1.13 | 1.02 | 1.12 | 1.11 | 1.08 | 1.14 | 1.09 |
| Calcium | % | 0.0049 | 0.0049 | 0.0044 | 0.0051 | 0.0051 | 0.0078 | 0.0048 | 0.0044 | 0.0043 | 0.0044 | 0.0067 | 0.0057 | 0.0041 | 0.0057 | 0.0041 | 0.0044 | 0.0041 | 0.0060 | 0.0041 | 0.0051 | 0.0048 | 0.0047 | 0.0058 | 0.0044 |
| Cholesterol | mg/100 g | 61.4 | 57.8 | 62.7 | 58.1 | 61.4 | 62.5 | 62.9 | 63.9 | 66.5 | 61.8 | 62.1 | 60.8 | 57.0 | 57.2 | 58.1 | 55.1 | 59.1 | 52.8 | 56.7 | 50.3 | 57.7 | 54.0 | 56.8 | 57.2 |
| C08:0 Octanoic (Caprylic) | % | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C10:0 Decanoic (Capric) | % | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 |
| C11:0 Undecanoic (Hendecanoic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C12:0 Dodecanoic (Lauric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C14:0 Tetradecanoic (Myristic) | % | 0.12 | 0.07 | 0.07 | 0.06 | 0.06 | 0.10 | 0.08 | 0.10 | 0.09 | 0.09 | 0.07 | 0.07 | 0.04 | 0.09 | 0.07 | 0.05 | 0.07 | 0.04 | 0.09 | 0.09 | 0.10 | 0.16 | 0.10 | 0.10 |
| C14:1 Tetradecenoic (Myristoleic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:0 Pentadecanoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:1 Pentadecenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C16:0 Hexadecanoic (Palmitic) | % | 2.18 | 1.18 | 1.14 | 0.94 | 1.06 | 1.60 | 1.24 | 1.65 | 1.55 | 1.56 | 1.16 | 1.05 | 0.71 | 1.37 | 1.24 | 0.81 | 1.13 | 0.53 | 1.58 | 1.47 | 1.86 | 2.69 | 1.62 | 1.67 |
| C16:1 Hexadecenoic (Palmitoleic) | % | 0.16 | 0.13 | 0.08 | 0.09 | 0.12 | 0.11 | 0.10 | 0.12 | 0.16 | 0.11 | 0.14 | 0.11 | 0.08 | 0.13 | 0.13 | 0.10 | 0.11 | 0.06 | 0.12 | 0.18 | 0.22 | 0.35 | 0.16 | 0.20 |
| C17:0 Heptadecanoic (Margaric) | % | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 |
| C17:1 Heptadecenoic Margaroleic | % | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 |
| C18:0 Octadecanoic (Stearic) | % | 1.12 | 0.52 | 0.60 | 0.43 | 0.57 | 0.90 | 0.61 | 0.88 | 0.71 | 0.91 | 0.52 | 0.51 | 0.37 | 0.67 | 0.68 | 0.37 | 0.57 | 0.23 | 0.86 | 0.72 | 0.88 | 1.20 | 0.79 | 0.79 |
| C18:1 Octadecenoic (Oleic) | % | 2.17 | 1.76 | 1.22 | 1.19 | 1.42 | 1.65 | 1.37 | 2.06 | 1.94 | 1.96 | 1.82 | 1.57 | 1.05 | 1.57 | 1.88 | 1.39 | 1.51 | 0.69 | 1.79 | 2.19 | 2.86 | 4.33 | 2.37 | 2.50 |
| C18:2 Octadecadienoic (Linoleic) | % | 0.18 | 0.23 | 0.13 | 0.10 | 0.16 | 0.13 | 0.13 | 0.22 | 0.21 | 0.25 | 0.26 | 0.18 | 0.15 | 0.20 | 0.24 | 0.18 | 0.19 | 0.07 | 0.16 | 0.24 | 0.30 | 0.42 | 0.32 | 0.26 |
| C18:3 Octadecatrienoic (Linolenic) | % | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.02 | <0.01 | <0.01 |
| C18:4 Octadecatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:0 Eicosanoic (Arachidic) | % | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 |
| C20:1 Eicosenoic (Gadoleic) | % | 0.21 | 0.06 | 0.10 | 0.11 | 0.09 | 0.18 | 0.12 | 0.15 | 0.16 | 0.14 | 0.07 | 0.09 | 0.05 | 0.11 | 0.07 | 0.06 | 0.09 | 0.05 | 0.16 | 0.12 | 0.16 | 0.15 | 0.13 | 0.11 |
| C20:2 Eicosadienoic | % | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.01 | 0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 |
| C20:3 Eicosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:4 Eicosatetraenoic (Arachidonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 |
| C20:5 Eicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 |
| C21:5 Heneicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:0 Docosanoic (Behenic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:1 Docosenoic (Erucic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01 |
| C22:2 Docosadienoic | % | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:3 Docosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:4 Docosatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:5 Docosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:6 Docosahexaenoic | % | 0.08 | <0.01 | 0.04 | 0.03 | 0.02 | 0.07 | 0.04 | 0.04 | 0.05 | 0.04 | 0.01 | 0.02 | 0.01 | 0.04 | 0.01 | 0.01 | 0.02 | 0.02 | 0.06 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 |
| C24:0 Tetracosanoic (Lignoceric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C24:1 Tetracosenoic (Nervonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Iron | % | 0.00057 | 0.00051 | 0.00050 | 0.00058 | 0.00050 | 0.00056 | 0.00057 | 0.00054 | 0.00060 | 0.00066 | 0.00055 | 0.00058 | 0.00061 | 0.00091 | 0.00043 | 0.00071 | 0.00057 | 0.00062 | 0.00049 | 0.00058 | 0.00053 | 0.00056 | 0.00080 | 0.00068 |
| Niacin | mg/100 g | 10.3 | 11.4 | 10.3 | 11.6 | 10.4 | 11.7 | 11.1 | 11.1 | 11.7 | 11.9 | 10.8 | 12.2 | 11.1 | 11.1 | 10.7 | 19.1 | 9.93 | 11.2 | 11.0 | 10.5 | 11.6 | 11.0 | 10.8 | 10.7 |
| Phosphorus | % | 0.20 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.22 | 0.21 | 0.22 | 0.21 | 0.21 | 0.22 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.22 | 0.21 | 0.21 | 0.20 | 0.21 | 0.22 | 0.21 |
| Vitamin B12 | mcg/100 g | 0.896 | 0.916 | 1.10 | 0.800 | 1.08 | 0.768 | 0.926 | 0.962 | 1.27 | 0.840 | 0.970 | 0.822 | 0.878 | 0.845 | 0.801 | 0.961 | 1.15 | 1.15 | 0.931 | 1.04 | 1.85 | 1.34 | 1.32 | 1.26 |
| Vitamin B6 | mg/100 g | 0.363 | 0.371 | 0.270 | 0.358 | 0.384 | 0.396 | 0.364 | 0.399 | 0.323 | 0.401 | 0.339 | 0.368 | 0.287 | 0.311 | 0.392 | 0.343 | 0.339 | 0.333 | 0.348 | 0.448 | 0.465 | 0.443 | 0.371 | 0.348 |
| Zinc | % | 0.0015 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0014 | 0.0014 | 0.0015 | 0.0015 | 0.0016 | 0.0013 | 0.0017 | 0.0015 | 0.0014 | 0.0015 | 0.0014 | 0.0017 | 0.0014 | 0.0021 | 0.0015 |

| SubtestDescription | Units | ME2005-004428 / 20043430 4 12-Jan-05 | ME2005-004429 / 20043691 3 12-Jan-05 | ME2005-004430 / 20043170 2 12-Jan-05 | ME2005-004431 / 20043450 2 12-Jan-05 | ME2005-004432 / 20043691 2 12-Jan-05 | ME2005-004433 / 20043100 4 12-Jan-05 | ME2005-004434 / 20043660 3 12-Jan-05 | ME2005-004435 / 20043240 3 12-Jan-05 | ME2005-004436 / 20043160 5 12-Jan-05 | ME2005-004437 / 20043101 0 12-Jan-05 | ME2005-004438 / 20043061 1 12-Jan-05 | ME2005-004439 / 20043100 2 12-Jan-05 | ME2005-004440 / 20043600 5 12-Jan-05 | ME2005-004441 / 20043660 6 12-Jan-05 | ME2005-004442 / 20043660 2 12-Jan-05 | ME2005-004443 / 20043160 1 12-Jan-05 | ME2005-004444 / 20043810 4 12-Jan-05 | ME2005-004445 / 20043740 6 12-Jan-05 | ME2005-004446 / 20043580 3 12-Jan-05 | ME2005-004447 / 20043451 1 12-Jan-05 | ME2005-004448 / 20043870 7 18-Jan-05 | ME2005-004449 / 20044090 9 18-Jan-05 | ME2005-004450 / 20044090 7 18-Jan-05 | ME2005-004451 / 20043340 6 18-Jan-05 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alanine | % | 1.37 | 1.40 | 1.37 | 1.42 | 1.38 | 1.43 | 1.38 | 1.50 | 1.54 | 1.55 | 1.53 | 1.52 | 1.54 | 1.47 | 1.68 | 1.50 | 1.49 | 1.41 | 1.49 | 1.49 | 1.43 | 1.53 | 1.43 | 1.43 |
| Arginine | % | 1.57 | 1.63 | 1.62 | 1.70 | 1.65 | 1.70 | 1.54 | 1.53 | 1.58 | 1.64 | 1.60 | 1.59 | 1.62 | 1.51 | 1.68 | 1.66 | 1.63 | 1.55 | 1.63 | 1.62 | 1.53 | 1.66 | 1.55 | 1.58 |
| Aspartic Acid | % | 2.30 | 2.32 | 2.37 | 2.45 | 2.34 | 2.44 | 2.25 | 2.48 | 2.53 | 2.61 | 2.43 | 2.55 | 2.63 | 2.53 | 2.54 | 2.55 | 2.48 | 2.36 | 2.43 | 2.40 | 2.30 | 2.60 | 2.42 | 2.42 |
| Cystine | % | 0.24 | 0.25 | 0.23 | 0.24 | 0.22 | 0.24 | 0.24 | 0.24 | 0.25 | 0.25 | 0.24 | 0.24 | 0.25 | 0.23 | 0.23 | 0.27 | 0.24 | 0.27 | 0.26 | 0.23 | 0.23 | 0.26 | 0.22 | 0.25 |
| Glutamic Acid | % | 3.68 | 3.75 | 3.84 | 3.94 | 3.79 | 3.93 | 3.52 | 3.80 | 3.89 | 4.13 | 3.81 | 3.97 | 4.13 | 3.96 | 3.98 | 4.05 | 3.96 | 3.72 | 3.91 | 3.86 | 3.65 | 4.18 | 3.86 | 3.81 |
| Glycine | % | 1.18 | 1.26 | 1.09 | 1.16 | 1.14 | 1.18 | 1.21 | 1.06 | 1.14 | 1.14 | 1.36 | 1.16 | 1.12 | 1.02 | 1.68 | 1.18 | 1.12 | 1.09 | 1.21 | 1.28 | 1.19 | 1.08 | 1.01 | 1.05 |
| Histidine | % | 0.99 | 0.91 | 1.04 | 1.07 | 1.00 | 1.04 | 1.02 | 0.88 | 0.92 | 0.94 | 0.93 | 0.99 | 1.04 | 1.00 | 1.00 | 1.03 | 1.00 | 0.96 | 1.01 | 0.91 | 0.94 | 0.97 | 0.99 | 1.03 |
| Isoleucine | % | 0.86 | 0.95 | 1.03 | 1.11 | 1.08 | 1.10 | 1.12 | 0.81 | 0.90 | 0.97 | 0.89 | 0.96 | 0.92 | 0.81 | 0.86 | 0.98 | 1.03 | 1.00 | 1.03 | 1.00 | 0.91 | 0.95 | 0.97 | 1.03 |
| Leucine | % | 1.83 | 1.88 | 1.94 | 2.02 | 1.92 | 2.00 | 1.88 | 1.82 | 1.89 | 2.01 | 1.83 | 1.96 | 1.99 | 1.90 | 1.88 | 1.98 | 1.98 | 1.89 | 1.93 | 1.90 | 1.82 | 2.03 | 1.93 | 1.95 |
| Lysine, Total | % | 2.06 | 2.11 | 2.19 | 2.27 | 2.17 | 2.27 | 2.08 | 2.00 | 2.07 | 2.18 | 1.96 | 2.08 | 2.15 | 2.05 | 2.03 | 2.15 | 2.17 | 2.06 | 2.09 | 2.07 | 1.97 | 2.20 | 2.08 | 2.10 |
| Methionine | % | 0.59 | 0.60 | 0.58 | 0.56 | 0.56 | 0.59 | 0.58 | 0.58 | 0.60 | 0.58 | 0.55 | 0.56 | 0.58 | 0.51 | 0.53 | 0.71 | 0.65 | 0.68 | 0.64 | 0.65 | 0.60 | 0.64 | 0.62 | 0.64 |
| Phenylalanine | % | 0.89 | 0.92 | 0.95 | 0.98 | 0.95 | 0.98 | 0.96 | 1.03 | 1.07 | 1.11 | 1.03 | 1.09 | 1.10 | 1.03 | 1.07 | 1.05 | 1.08 | 1.03 | 1.05 | 1.04 | 0.98 | 1.08 | 1.05 | 1.05 |
| Proline | % | 0.96 | 0.98 | 0.93 | 0.96 | 1.04 | 0.97 | 1.07 | 0.97 | 1.06 | 1.25 | 1.23 | 1.16 | 1.19 | 1.19 | 1.54 | 1.18 | 1.17 | 1.19 | 1.30 | 1.31 | 1.27 | 1.24 | 1.04 | 1.12 |
| Serine | % | 0.97 | 0.98 | 0.99 | 1.00 | 0.95 | 0.99 | 0.87 | 1.02 | 1.04 | 1.04 | 0.98 | 1.02 | 1.04 | 1.03 | 1.06 | 1.06 | 1.03 | 0.97 | 1.01 | 1.00 | 0.97 | 1.08 | 1.00 | 0.98 |
| Threonine | % | 1.11 | 1.12 | 1.14 | 1.19 | 1.13 | 1.20 | 1.05 | 1.08 | 1.11 | 1.19 | 1.08 | 1.14 | 1.18 | 1.11 | 1.10 | 1.15 | 1.15 | 1.09 | 1.12 | 1.10 | 1.06 | 1.22 | 1.14 | 1.123 |
| Tyrosine | % | 0.79 | 0.81 | 0.83 | 0.86 | 0.83 | 0.86 | 0.76 | 0.82 | 0.84 | 0.91 | 0.81 | 0.87 | 0.89 | 0.86 | 0.83 | 0.87 | 0.87 | 0.83 | 0.85 | 0.83 | 0.80 | 0.91 | 0.86 | 0.85 |
| Valine | % | 0.94 | 1.03 | 1.10 | 1.17 | 1.14 | 1.18 | 1.22 | 0.89 | 0.96 | 1.02 | 0.97 | 1.02 | 0.99 | 0.86 | 0.97 | 1.06 | 1.10 | 1.05 | 1.09 | 1.07 | 0.98 | 1.01 | 1.04 | 1.09 |
| Calcium | % | 0.0051 | 0.0047 | 0.0046 | 0.0044 | 0.0055 | 0.0043 | 0.0048 | 0.0071 | 0.0050 | 0.0060 | 0.0051 | 0.0055 | 0.0039 | 0.0046 | 0.0051 | 0.0050 | 0.0061 | 0.0053 | 0.0045 | 0.0070 | 0.0047 | 0.0069 | 0.0054 | 0.0058 |
| Cholesterol | mg/100 g | 48.6 | 57.9 | 54.8 | 53.4 | 58.2 | 61.6 | 55.9 | 55.9 | 54.7 | 56.7 | 57.4 | 58.4 | 51.4 | 60.9 | 57.4 | 54.2 | 54.6 | 57.6 | 53.8 | 58.7 | 56.7 | 59.2 | 58.3 | 56.6 |
| C08:0 Octanoic (Caprylic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C10:0 Decanoic (Capric) | % | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C11:0 Undecanoic (Hendecanoic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C12:0 Dodecanoic (Lauric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C14:0 Tetradecanoic (Myristic) | % | 0.13 | 0.12 | 0.07 | 0.08 | 0.13 | 0.09 | 0.11 | 0.11 | 0.08 | 0.07 | 0.18 | 0.08 | 0.06 | 0.08 | 0.14 | <0.01 | 0.10 | 0.13 | 0.13 | 0.09 | 0.08 | 0.05 | 0.06 | 0.07 |
| C14:1 Tetradecenoic (Myristoleic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:0 Pentadecanoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:1 Pentadecenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C16:0 Hexadecanoic (Palmitic) | % | 2.56 | 1.77 | 1.22 | 1.31 | 2.04 | 1.60 | 2.11 | 1.84 | 1.36 | 1.06 | 2.96 | 1.33 | 0.95 | 1.41 | 2.52 | 0.86 | 1.68 | 2.35 | 2.20 | 1.44 | 1.49 | 0.80 | 1.01 | 1.26 |
| C16:1 Hexadecenoic (Palmitoleic) | % | 0.28 | 0.21 | 0.15 | 0.14 | 0.22 | 0.19 | 0.24 | 0.17 | 0.17 | 0.12 | 0.32 | 0.16 | 0.11 | 0.12 | 0.27 | 0.09 | 0.16 | 0.32 | 0.29 | 0.19 | 0.19 | 0.12 | 0.13 | 0.15 |
| C17:0 Heptadecanoic (Margaric) | % | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.02 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C17:1 Heptadecenoic Margaroleic | % | 0.01 | 0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.02 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C18:0 Octadecanoic (Stearic) | % | 1.28 | 0.76 | 0.60 | 0.65 | 0.98 | 0.71 | 1.11 | 0.93 | 0.62 | 0.47 | 1.38 | 0.60 | 0.45 | 0.83 | 1.27 | 0.42 | 0.85 | 1.05 | 1.06 | 0.61 | 0.72 | 0.36 | 0.48 | 0.57 |
| C18:1 Octadecenoic (Oleic) | % | 3.92 | 2.68 | 1.97 | 2.04 | 3.08 | 2.63 | 3.41 | 2.95 | 2.12 | 1.61 | 4.42 | 2.11 | 1.53 | 2.10 | 3.91 | 1.32 | 2.51 | 3.75 | 3.65 | 2.35 | 2.39 | 1.31 | 1.55 | 2.09 |
| C18:2 Octadecadienoic (Linoleic) | % | 0.38 | 0.30 | 0.18 | 0.23 | 0.34 | 0.29 | 0.37 | 0.35 | 0.25 | 0.18 | 0.50 | 0.27 | 0.25 | 0.31 | 0.40 | 0.17 | 0.24 | 0.44 | 0.45 | 0.24 | 0.29 | 0.12 | 0.15 | 0.23 |
| C18:3 Octadecatrienoic (Linolenic) | % | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | 0.02 | 0.02 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 |
| C18:4 Octadecatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:0 Eicosanoic (Arachidic) | % | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.02 | <0.01 | 0.01 | 0.02 | <0.01 | 0.02 | 0.02 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 |
| C20:1 Eicosenoic (Gadoleic) | % | 0.15 | 0.14 | 0.09 | 0.09 | 0.15 | 0.19 | 0.20 | 0.19 | 0.11 | 0.10 | 0.20 | 0.11 | 0.07 | 0.10 | 0.20 | 0.07 | 0.17 | 0.11 | 0.11 | 0.09 | 0.08 | 0.05 | 0.05 | 0.10 |
| C20:2 Eicosadienoic | % | 0.02 | 0.01 | <0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.02 | <0.01 | <0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 |
| C20:3 Eicosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:4 Eicosatetraenoic (Arachidonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:5 Eicosapentaenoic | % | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C21:5 Heneicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:0 Docosanoic (Behenic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:1 Docosenoic (Erucic) | % | 0.02 | 0.01 | <0.01 | <0.01 | 0.01 | 0.02 | 0.03 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | <0.01 | <0.01 | 0.01 |
| C22:2 Docosadienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:3 Docosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:4 Docosatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:5 Docosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:6 Docosahexaenoic | % | 0.04 | 0.03 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.03 | 0.02 | 0.02 | 0.04 | 0.02 | <0.01 | 0.01 | 0.04 | 0.01 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | <0.01 | <0.01 | 0.02 |
| C24:0 Tetracosanoic (Lignoceric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C24:1 Tetracosenoic (Nervonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Iron | % | 0.00055 | 0.00063 | 0.00088 | 0.00086 | 0.00058 | 0.00066 | 0.00058 | 0.00052 | 0.00055 | 0.00062 | 0.00066 | 0.00067 | 0.00058 | 0.00055 | 0.00045 | 0.00063 | 0.00085 | 0.00063 | 0.00061 | 0.00053 | 0.00064 | 0.00065 | 0.00059 | 0.00065 |
| Niacin | mg/100 g | 9.92 | 10.0 | 10.1 | 11.7 | 11.0 | 11.2 | 10.7 | 11.6 | 11.9 | 11.4 | 10.5 | 11.0 | 10.5 | 12.1 | 10.6 | 11.7 | 11.6 | 11.3 | 10.6 | 12.5 | 11.1 | 10.6 | 9.54 | 10.7 |
| Phosphorus | % | 0.20 | 0.21 | 0.23 | 0.22 | 0.22 | 0.22 | 0.21 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.20 | 0.22 | 0.16 | 0.22 | 0.21 | 0.21 | 0.20 | 0.21 | 0.21 | 0.22 | 0.21 | 0.21 |
| Vitamin B12 | mcg/100 g | 1.22 | 1.06 | 1.06 | 1.16 | 1.11 | 1.07 | 0.947 | 1.06 | 1.01 | 1.23 | 1.03 | 1.03 | 1.29 | 1.07 | 0.911 | 1.54 | 0.737 | 0.952 | 2.20 | 1.65 | 1.04 | 1.03 | 1.00 | 0.968 |
| Vitamin B6 | mg/100 g | 0.426 | 0.388 | 0.430 | 0.364 | 0.448 | 0.367 | 0.393 | 0.350 | 0.408 | 0.377 | 0.503 | 0.426 | 0.471 | 0.397 | 0.343 | 0.322 | 0.383 | 0.428 | 0.400 | 0.426 | 0.357 | 0.427 | 0.412 | 0.483 |
| Zinc | % | 0.0015 | 0.0015 | 0.0016 | 0.0015 | 0.0015 | 0.0016 | 0.0014 | 0.0015 | 0.0015 | 0.0015 | 0.0018 | 0.0016 | 0.0013 | 0.0016 | 0.0014 | 0.0013 | 0.0025 | 0.0016 | 0.0015 | 0.0015 | 0.0014 | 0.0018 | 0.0016 | 0.0016 |

| SubtestDescription | Units | ME2005-004452 / 20043303 18-Jan-05 | ME2005-004453 / 20043905 18-Jan-05 | ME2005-004454 / 20043302 18-Jan-05 | ME2005-004455 / 20044202 18-Jan-05 | ME2005-004456 / 20043902 18-Jan-05 | ME2005-004457 / 20043903 18-Jan-05 | ME2005-004458 / 20043708 18-Jan-05 | ME2005-004459 / 20043607 18-Jan-05 | ME2005-004460 / 20043604 18-Jan-05 | ME2005-004462 / 20043607 18-Jan-05 | ME2005-004464 / 20043401 18-Jan-05 | ME2005-004466 / 20043507 18-Jan-05 | ME2005-004467 / 20043810 18-Jan-05 | ME2005-004468 / 20043208 18-Jan-05 | ME2005-004469 / 20043905 18-Jan-05 | ME2005-004470 / 20043601 18-Jan-05 | ME2005-004471 / 20043307 18-Jan-05 | ME2005-004472 / 20043503 18-Jan-05 | ME2005-004473 / 20043601 18-Jan-05 | ME2005-004474 / 20043810 1 18-Jan-05 | ME2005-004475 / 20043230 4 18-Jan-05 | ME2005-004476 / 20043370 9 18-Jan-05 | ME2005-004477 / 20043860 2 18-Jan-05 | ME2005-004478 / 20043690 5 18-Jan-05 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alanine | % | 1.43 | 1.51 | 1.31 | 1.34 | 1.32 | 1.31 | 1.39 | 1.44 | 1.36 | 1.42 | 1.43 | 1.33 | 1.32 | 1.37 | 1.41 | 1.44 | 1.40 | 1.35 | 1.42 | 1.44 | 1.42 | 1.37 | 1.31 | 1.52 |
| Arginine | % | 1.57 | 1.64 | 1.59 | 1.63 | 1.60 | 1.60 | 1.67 | 1.67 | 1.64 | 1.69 | 1.69 | 1.59 | 1.57 | 1.66 | 1.69 | 1.69 | 1.68 | 1.60 | 1.70 | 1.60 | 1.59 | 1.51 | 1.46 | 1.64 |
| Aspartic Acid | % | 2.43 | 2.50 | 2.29 | 2.31 | 2.28 | 2.30 | 2.37 | 2.38 | 2.29 | 2.28 | 2.37 | 2.26 | 2.20 | 2.41 | 2.47 | 2.51 | 2.46 | 2.26 | 2.43 | 2.35 | 2.40 | 2.30 | 2.21 | 2.51 |
| Cystine | % | 0.26 | 0.25 | 0.25 | 0.28 | 0.23 | 0.23 | 0.24 | 0.25 | 0.25 | 0.24 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.24 | 0.26 | 0.25 | 0.25 | 0.25 | 0.23 | 0.23 | 0.22 | 0.26 |
| Glutamic Acid | % | 3.83 | 3.98 | 3.70 | 3.74 | 3.70 | 3.78 | 3.85 | 3.84 | 3.70 | 3.73 | 3.82 | 3.71 | 3.59 | 3.90 | 3.94 | 4.05 | 4.00 | 3.68 | 4.00 | 3.84 | 3.90 | 3.64 | 3.58 | 4.03 |
| Glycine | % | 1.01 | 1.15 | 1.01 | 1.10 | 1.05 | 0.99 | 1.15 | 1.31 | 1.20 | 1.44 | 1.39 | 1.15 | 1.24 | 1.05 | 1.11 | 1.17 | 1.07 | 1.22 | 1.19 | 1.16 | 1.05 | 1.01 | 0.92 | 1.17 |
| Histidine | % | 0.99 | 1.03 | 1.00 | 0.99 | 0.99 | 0.97 | 1.04 | 1.04 | 1.03 | 0.99 | 1.04 | 0.96 | 0.94 | 1.05 | 1.12 | 1.05 | 1.09 | 0.96 | 1.01 | 0.93 | 0.95 | 1.03 | 0.88 | 1.01 |
| Isoleucine | % | 1.08 | 1.13 | 1.12 | 1.10 | 1.07 | 1.08 | 1.08 | 1.09 | 1.07 | 1.06 | 1.09 | 1.05 | 1.01 | 1.11 | 1.10 | 1.07 | 1.17 | 1.06 | 1.14 | 1.05 | 1.05 | 1.00 | 0.94 | 1.00 |
| Leucine | % | 1.96 | 2.02 | 1.91 | 1.93 | 1.89 | 1.92 | 1.95 | 1.92 | 1.89 | 1.87 | 1.95 | 1.89 | 1.80 | 1.99 | 2.02 | 2.04 | 2.06 | 1.87 | 2.02 | 1.93 | 1.96 | 1.91 | 1.82 | 2.02 |
| Lysine, Total | % | 2.12 | 2.20 | 2.12 | 2.14 | 2.11 | 2.12 | 2.17 | 2.11 | 2.11 | 2.06 | 2.15 | 2.12 | 2.01 | 2.21 | 2.24 | 2.26 | 2.28 | 2.08 | 2.27 | 2.05 | 2.10 | 1.96 | 1.89 | 2.16 |
| Methionine | % | 0.67 | 0.67 | 0.65 | 0.69 | 0.62 | 0.61 | 0.60 | 0.58 | 0.61 | 0.58 | 0.60 | 0.60 | 0.58 | 0.60 | 0.61 | 0.60 | 0.65 | 0.60 | 0.63 | 0.64 | 0.58 | 0.57 | 0.54 | 0.67 |
| Phenylalanine | % | 1.05 | 1.10 | 0.94 | 0.94 | 0.93 | 0.93 | 0.95 | 0.95 | 0.92 | 0.92 | 0.98 | 0.92 | 0.88 | 0.97 | 0.99 | 0.99 | 1.00 | 0.92 | 0.99 | 1.00 | 1.00 | 0.99 | 0.93 | 1.07 |
| Proline | % | 1.13 | 1.31 | 0.90 | 1.03 | 0.94 | 0.92 | 1.00 | 0.99 | 0.92 | 1.10 | 1.20 | 1.16 | 1.04 | 0.92 | 0.96 | 1.07 | 1.03 | 1.09 | 1.07 | 1.19 | 1.10 | 1.08 | 1.12 | 1.30 |
| Serine | % | 0.97 | 1.00 | 0.88 | 0.92 | 0.92 | 0.93 | 0.99 | 0.96 | 0.93 | 0.94 | 0.97 | 0.93 | 0.90 | 0.98 | 1.01 | 1.04 | 0.99 | 0.93 | 0.98 | 0.98 | 1.00 | 0.96 | 0.94 | 1.06 |
| Threonine | % | 1.13 | 1.15 | 1.11 | 1.12 | 1.10 | 1.12 | 1.14 | 1.15 | 1.09 | 1.09 | 1.12 | 1.09 | 1.05 | 1.17 | 1.21 | 1.24 | 1.20 | 1.08 | 1.18 | 1.07 | 1.11 | 1.05 | 1.01 | 1.15 |
| Tyrosine | % | 0.86 | 0.88 | 0.81 | 0.82 | 0.82 | 0.82 | 0.83 | 0.81 | 0.80 | 0.78 | 0.82 | 0.80 | 0.67 | 0.86 | 0.87 | 0.89 | 0.87 | 0.79 | 0.86 | 0.82 | 0.83 | 0.80 | 0.77 | 0.85 |
| Valine | % | 1.14 | 1.19 | 1.19 | 1.17 | 1.13 | 1.13 | 1.15 | 1.18 | 1.15 | 1.14 | 1.18 | 1.12 | 1.08 | 1.16 | 1.18 | 1.14 | 1.23 | 1.13 | 1.20 | 1.10 | 1.08 | 1.06 | 0.98 | 1.06 |
| Calcium | % | 0.0055 | 0.0039 | 0.0052 | 0.0049 | 0.0052 | 0.0052 | 0.0042 | 0.0043 | 0.0053 | 0.0052 | 0.0065 | 0.0056 | 0.0049 | 0.0055 | 0.0047 | 0.0057 | 0.0097 | 0.0063 | 0.0056 | 0.0077 | 0.0051 | 0.0050 | 0.0054 | 0.0048 |
| Cholesterol | mg/100 g | 56.9 | 61.7 | 53.9 | 57.3 | 54.8 | 60.0 | 58.8 | 59.2 | 55.8 | 53.3 | 53.3 | 52.3 | 62.7 | 51.8 | 58.4 | 53.8 | 57.1 | 52.3 | 53.5 | 51.6 | 53.9 | 50.7 | 58.2 | 56.6 |
| C08:0 Octanoic (Caprylic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C10:0 Decanoic (Capric) | % | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 |
| C11:0 Undecanoic (Hendecanoic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C12:0 Dodecanoic (Lauric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C14:0 Tetradecanoic (Myristic) | % | 0.10 | 0.13 | 0.10 | 0.05 | 0.11 | 0.21 | 0.14 | 0.12 | 0.11 | 0.06 | 0.10 | 0.13 | 0.12 | 0.08 | 0.09 | 0.06 | 0.05 | 0.09 | 0.07 | 0.11 | 0.09 | 0.09 | 0.11 | 0.10 |
| C14:1 Tetradecenoic (Myristoleic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:0 Pentadecanoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:1 Pentadecenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C16:0 Hexadecanoic (Palmitic) | % | 1.56 | 2.14 | 1.79 | 0.90 | 1.64 | 3.42 | 2.17 | 2.04 | 1.88 | 1.09 | 1.49 | 2.10 | 1.95 | 1.38 | 1.69 | 1.00 | 0.88 | 1.37 | 1.15 | 2.05 | 1.38 | 1.50 | 2.06 | 1.63 |
| C16:1 Hexadecenoic (Palmitoleic) | % | 0.20 | 0.26 | 0.18 | 0.12 | 0.19 | 0.31 | 0.26 | 0.29 | 0.19 | 0.12 | 0.19 | 0.27 | 0.25 | 0.14 | 0.17 | 0.11 | 0.11 | 0.19 | 0.14 | 0.20 | 0.17 | 0.19 | 0.28 | 0.25 |
| C17:0 Heptadecanoic (Margaric) | % | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 |
| C17:1 Heptadecenoic Margaroleic | % | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 |
| C18:0 Octadecanoic (Stearic) | % | 0.73 | 1.02 | 0.93 | 0.43 | 0.82 | 1.75 | 1.01 | 0.93 | 0.98 | 0.58 | 0.68 | 0.90 | 0.88 | 0.68 | 0.86 | 0.50 | 0.39 | 0.63 | 0.49 | 1.06 | 0.62 | 0.72 | 0.97 | 0.63 |
| C18:1 Octadecenoic (Oleic) | % | 2.62 | 3.44 | 2.95 | 1.52 | 2.45 | 4.78 | 3.43 | 3.55 | 3.23 | 1.93 | 2.32 | 3.27 | 3.23 | 2.08 | 2.80 | 1.73 | 1.55 | 2.13 | 1.92 | 3.15 | 2.22 | 2.47 | 3.41 | 2.95 |
| C18:2 Octadecadienoic (Linoleic) | % | 0.29 | 0.34 | 0.29 | 0.19 | 0.29 | 0.43 | 0.26 | 0.29 | 0.34 | 0.25 | 0.28 | 0.26 | 0.30 | 0.27 | 0.30 | 0.18 | 0.13 | 0.17 | 0.15 | 0.30 | 0.29 | 0.28 | 0.42 | 0.32 |
| C18:3 Octadecatrienoic (Linolenic) | % | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 |
| C18:4 Octadecatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 |
| C20:0 Eicosanoic (Arachidic) | % | 0.01 | 0.02 | 0.02 | <0.01 | 0.01 | 0.03 | 0.02 | 0.01 | 0.02 | <0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 |
| C20:1 Eicosenoic (Gadoleic) | % | 0.09 | 0.15 | 0.14 | 0.06 | 0.09 | 0.26 | 0.17 | 0.10 | 0.15 | 0.07 | 0.12 | 0.20 | 0.11 | 0.08 | 0.13 | 0.09 | 0.09 | 0.11 | 0.12 | 0.18 | 0.09 | 0.09 | 0.16 | 0.12 |
| C20:2 Eicosadienoic | % | 0.01 | 0.02 | 0.01 | <0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 |
| C20:3 Eicosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:4 Eicosatetraenoic (Arachidonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:5 Eicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C21:5 Heneicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:0 Docosanoic (Behenic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:1 Docosenoic (Erucic) | % | <0.01 | 0.02 | 0.02 | <0.01 | 0.01 | 0.02 | 0.01 | <0.01 | 0.02 | <0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | <0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 |
| C22:2 Docosadienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:3 Docosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:4 Docosatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:5 Docosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:6 Docosahexaenoic | % | 0.02 | 0.03 | 0.03 | <0.01 | 0.02 | 0.04 | 0.04 | 0.02 | 0.03 | 0.01 | 0.01 | 0.04 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 |
| C24:0 Tetracosanoic (Lignoceric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C24:1 Tetracosenoic (Nervonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Iron | % | 0.00062 | 0.00051 | 0.00066 | 0.00055 | 0.00067 | 0.00040 | 0.00058 | 0.00068 | 0.00052 | 0.00047 | 0.00060 | 0.00084 | 0.00054 | 0.00060 | 0.00067 | 0.00067 | 0.00071 | 0.00057 | 0.00059 | 0.00061 | 0.00097 | 0.00061 | 0.00096 | 0.00069 |
| Niacin | mg/100 g | 11.0 | 11.2 | 10.6 | 10.9 | 10.4 | 9.17 | 10.5 | 8.98 | 9.64 | 9.89 | 11.1 | 10.6 | 10.7 | 10.6 | 10.2 | 11.2 | 10.6 | 10.8 | 10.2 | 11.5 | 9.05 | 9.87 | 9.64 | 10.8 |
| Phosphorus | % | 0.21 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.22 | 0.22 | 0.20 | 0.21 | 0.22 | 0.20 | 0.20 | 0.21 | 0.22 | 0.22 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.22 | 0.21 | 0.22 |
| Vitamin B12 | mcg/100 g | 1.03 | 1.15 | 1.03 | 0.954 | 0.907 | 1.37 | 1.31 | 1.08 | 1.16 | 0.963 | 1.48 | 1.05 | 0.916 | 1.37 | 0.891 | 0.934 | 0.996 | 0.933 | 0.889 | 1.13 | 1.02 | 0.746 | 1.40 | 1.27 |
| Vitamin B6 | mg/100 g | 0.482 | 0.495 | 0.510 | 0.418 | 0.431 | 0.435 | 0.470 | 0.408 | 0.388 | 0.355 | 0.395 | 0.389 | 0.425 | 0.462 | 0.533 | 0.398 | 0.451 | 0.427 | 0.408 | 0.455 | 0.341 | 0.443 | 0.368 | 0.368 |
| Zinc | % | 0.0016 | 0.0013 | 0.0016 | 0.0016 | 0.0014 | 0.0011 | 0.0016 | 0.0015 | 0.0014 | 0.0017 | 0.0016 | 0.0016 | 0.0016 | 0.0017 | 0.0015 | 0.0013 | 0.0017 | 0.0016 | 0.0012 | 0.0017 | 0.0016 | 0.0016 | 0.0016 | 0.0012 |

| SubtestDescription | Units | ME2005-004479 / 200432003 18-Jan-05 | ME2005-004480 / 200437803 18-Jan-05 | ME2005-004481 / 200434606 18-Jan-05 | ME2005-004482 / 200438609 18-Jan-05 | ME2005-004745 / 200431701 10-Jan-05 | ME2005-004746 / 200433202 10-Jan-05 | ME2005-005495 / 200441205 26-Jan-05 | ME2005-005496 / 200441211 26-Jan-05 | ME2005-005497 / 200441203 26-Jan-05 | ME2005-005498 / 200441201 26-Jan-05 | ME2005-005499 / 200438701 26-Jan-05 | ME2005-005500 / 200441209 26-Jan-05 | ME2005-005501 / 200439904 26-Jan-05 | ME2005-005502 / 200441207 26-Jan-05 | ME2005-005503 / 200436301 26-Jan-05 | ME2005-005504 / 200439204 26-Jan-05 | ME2005-005505 / 200434603 26-Jan-05 | ME2005-005506 / 200434113 26-Jan-05 | ME2005-005507 / 200438606 26-Jan-05 | ME2005-005508 / 200436401 26-Jan-05 | ME2005-005509 / 200434111 26-Jan-05 | ME2005-005510 / 200438603 26-Jan-05 | ME2005-005511 / 200433011 26-Jan-05 | ME2005-005512 / 200439504 26-Jan-05 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alanine | % | 1.44 | 1.30 | 1.47 | 1.42 | 1.44 | 1.35 | 1.40 | 1.33 | 1.38 | 1.42 | 1.40 | 1.38 | 1.41 | 1.35 | 1.46 | 1.56 | 1.37 | 1.52 | 1.43 | 1.50 | 1.50 | 1.39 | 1.51 | 1.49 |
| Arginine | % | 1.55 | 1.47 | 1.64 | 1.58 | 1.58 | 1.59 | 1.50 | 1.42 | 1.42 | 1.51 | 1.54 | 1.46 | 1.49 | 1.43 | 1.52 | 1.66 | 1.55 | 1.64 | 1.52 | 1.59 | 1.63 | 1.52 | 1.63 | 1.63 |
| Aspartic Acid | % | 2.45 | 2.22 | 2.47 | 2.29 | 2.50 | 2.39 | 2.38 | 2.26 | 2.24 | 2.30 | 2.45 | 2.34 | 2.39 | 2.27 | 2.48 | 2.56 | 2.00 | 2.50 | 2.31 | 2.46 | 2.45 | 2.30 | 2.45 | 2.44 |
| Cystine | % | 0.27 | 0.25 | 0.27 | 0.25 | 0.26 | 0.25 | 0.26 | 0.25 | 0.24 | 0.25 | 0.24 | 0.24 | 0.24 | 0.22 | 0.25 | 0.24 | 0.25 | 0.25 | 0.23 | 0.24 | 0.26 | 0.25 | 0.25 | 0.24 |
| Glutamic Acid | % | 3.83 | 3.59 | 4.03 | 3.73 | 3.95 | 3.74 | 3.74 | 3.49 | 3.43 | 3.64 | 3.79 | 3.69 | 3.77 | 3.48 | 3.84 | 4.03 | 3.43 | 3.96 | 3.62 | 3.89 | 3.84 | 3.62 | 3.81 | 3.82 |
| Glycine | % | 1.05 | 0.93 | 1.04 | 1.20 | 1.01 | 1.12 | 0.99 | 1.04 | 1.17 | 1.21 | 0.98 | 0.98 | 1.02 | 1.09 | 1.14 | 1.21 | 0.96 | 1.09 | 1.10 | 1.12 | 1.13 | 0.96 | 1.14 | 1.13 |
| Histidine | % | 1.02 | 0.92 | 1.01 | 0.91 | 0.98 | 0.94 | 0.92 | 0.95 | 0.90 | 0.93 | 1.00 | 0.94 | 0.97 | 0.92 | 1.00 | 0.99 | 0.97 | 1.00 | 0.94 | 0.88 | 1.00 | 0.97 | 1.03 | 1.01 |
| Isoleucine | % | 0.92 | 0.99 | 1.10 | 1.00 | 1.08 | 0.98 | 0.97 | 0.87 | 0.81 | 1.00 | 1.06 | 1.02 | 1.02 | 0.94 | 0.96 | 1.12 | 1.04 | 1.10 | 0.95 | 0.98 | 1.14 | 1.07 | 1.12 | 1.11 |
| Leucine | % | 1.95 | 1.84 | 2.05 | 1.88 | 2.03 | 1.92 | 1.95 | 1.80 | 1.76 | 1.89 | 2.00 | 1.94 | 1.96 | 1.82 | 1.98 | 2.10 | 1.95 | 2.08 | 1.87 | 2.00 | 2.04 | 1.93 | 2.05 | 2.03 |
| Lysine, Total | % | 2.04 | 1.95 | 2.18 | 1.98 | 2.18 | 2.04 | 2.03 | 1.88 | 1.85 | 2.01 | 2.07 | 2.05 | 2.05 | 1.90 | 2.08 | 2.23 | 1.97 | 2.12 | 1.92 | 2.01 | 2.06 | 1.98 | 2.06 | 2.05 |
| Methionine | % | 0.68 | 0.64 | 0.67 | 0.64 | 0.67 | 0.65 | 0.65 | 0.61 | 0.57 | 0.63 | 0.60 | 0.58 | 0.60 | 0.56 | 0.64 | 0.62 | 0.65 | 0.66 | 0.59 | 0.62 | 0.67 | 0.63 | 0.64 | 0.64 |
| Phenylalanine | % | 0.97 | 0.95 | 1.07 | 1.01 | 1.11 | 0.95 | 1.01 | 1.00 | 0.95 | 1.03 | 1.05 | 1.01 | 1.02 | 0.99 | 1.05 | 1.12 | 1.09 | 1.17 | 1.07 | 1.11 | 1.15 | 1.07 | 1.14 | 1.16 |
| Proline | % | 1.18 | 1.07 | 1.19 | 1.27 | 1.23 | 0.95 | 1.18 | 1.19 | 1.28 | 1.32 | 1.28 | 1.26 | 1.40 | 1.33 | 1.36 | 1.33 | 0.85 | 0.89 | 0.92 | 1.00 | 1.01 | 0.94 | 1.03 | 0.95 |
| Serine | % | 1.05 | 0.91 | 1.03 | 0.96 | 1.04 | 1.04 | 1.00 | 0.96 | 0.96 | 0.96 | 1.01 | 0.97 | 0.99 | 0.94 | 1.04 | 1.06 | 0.85 | 1.05 | 0.98 | 1.04 | 0.98 | 0.94 | 1.00 | 1.00 |
| Threonine | % | 1.10 | 1.03 | 1.14 | 1.04 | 1.14 | 1.07 | 1.08 | 1.02 | 0.99 | 1.03 | 1.10 | 1.06 | 1.09 | 1.03 | 1.12 | 1.11 | 0.93 | 1.13 | 1.03 | 1.10 | 1.08 | 1.02 | 1.09 | 1.10 |
| Tyrosine | % | 0.80 | 0.79 | 0.87 | 0.80 | 0.87 | 0.84 | 0.80 | 0.79 | 0.73 | 0.80 | 0.85 | 0.81 | 0.82 | 0.78 | 0.81 | 0.84 | 0.82 | 0.88 | 0.80 | 0.83 | 0.85 | 0.80 | 0.85 | 0.86 |
| Valine | % | 0.97 | 1.03 | 1.13 | 1.04 | 1.10 | 1.05 | 1.01 | 0.92 | 0.86 | 1.05 | 1.10 | 1.06 | 1.06 | 0.99 | 1.01 | 1.16 | 1.06 | 1.12 | 0.99 | 1.00 | 1.16 | 1.09 | 1.15 | 1.12 |
| Calcium | % | 0.0048 | 0.0046 | 0.0048 | 0.0050 | 0.0053 | 0.0084 | 0.0057 | 0.0053 | 0.0060 | 0.0045 | 0.0071 | 0.0052 | 0.0056 | 0.0044 | 0.0040 | 0.0041 | 0.0046 | 0.0053 | 0.0089 | 0.0097 | 0.0046 | 0.0048 | 0.0077 | 0.0042 |
| Cholesterol | mg/100 g | 56.7 | 55.5 | 56.3 | 60.5 | 62.4 | 62.1 | 56.6 | 66.8 | 56.9 | 58.3 | 62.3 | 59.9 | 64.6 | 60.6 | 57.9 | 65.7 | 53.9 | 61.5 | 59.9 | 55.7 | 58.2 | 64.1 | 59.2 | 59.3 |
| C08:0 Octanoic (Caprylic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C10:0 Decanoic (Capric) | % | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C11:0 Undecanoic (Hendecanoic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C12:0 Dodecanoic (Lauric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C14:0 Tetradecanoic (Myristic) | % | 0.07 | 0.16 | 0.07 | 0.12 | 0.10 | 0.09 | 0.11 | 0.13 | 0.11 | 0.05 | 0.09 | 0.11 | 0.12 | 0.11 | 0.08 | 0.07 | 0.07 | 0.05 | 0.10 | 0.05 | 0.05 | 0.07 | 0.07 | 0.07 |
| C14:1 Tetradecenoic (Myristoleic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:0 Pentadecanoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:1 Pentadecenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C16:0 Hexadecanoic (Palmitic) | % | 1.15 | 2.83 | 1.18 | 2.26 | 1.54 | 1.34 | 1.78 | 2.41 | 1.93 | 0.83 | 1.61 | 1.94 | 1.98 | 2.01 | 1.39 | 1.08 | 1.11 | 0.88 | 1.89 | 0.89 | 0.92 | 1.31 | 1.15 | 1.31 |
| C16:1 Hexadecenoic (Palmitoleic) | % | 0.13 | 0.32 | 0.15 | 0.32 | 0.18 | 0.23 | 0.17 | 0.22 | 0.20 | 0.10 | 0.17 | 0.19 | 0.23 | 0.26 | 0.15 | 0.11 | 0.11 | 0.12 | 0.26 | 0.13 | 0.13 | 0.17 | 0.16 | 0.17 |
| C17:0 Heptadecanoic (Margaric) | % | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C17:1 Heptadecenoic Margaroleic | % | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C18:0 Octadecanoic (Stearic) | % | 0.56 | 1.37 | 0.54 | 1.03 | 0.73 | 0.51 | 0.93 | 1.26 | 0.99 | 0.41 | 0.83 | 0.99 | 0.93 | 0.95 | 0.72 | 0.60 | 0.61 | 0.41 | 0.88 | 0.41 | 0.43 | 0.60 | 0.51 | 0.60 |
| C18:1 Octadecenoic (Oleic) | % | 2.03 | 4.79 | 1.98 | 3.95 | 2.56 | 2.40 | 2.43 | 3.26 | 3.05 | 1.38 | 2.48 | 3.12 | 3.01 | 3.31 | 2.28 | 1.92 | 1.92 | 1.57 | 3.35 | 1.72 | 1.61 | 2.34 | 2.07 | 2.28 |
| C18:2 Octadecadienoic (Linoleic) | % | 0.25 | 0.56 | 0.24 | 0.40 | 0.32 | 0.27 | 0.25 | 0.30 | 0.37 | 0.24 | 0.37 | 0.38 | 0.34 | 0.43 | 0.35 | 0.37 | 0.34 | 0.19 | 0.41 | 0.31 | 0.20 | 0.37 | 0.25 | 0.34 |
| C18:3 Octadecatrienoic (Linolenic) | % | <0.01 | 0.02 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | <0.01 | 0.02 | 0.01 | <0.01 | 0.02 | <0.01 | 0.01 |
| C18:4 Octadecatetraenoic | % | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:0 Eicosanoic (Arachidic) | % | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | <0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:1 Eicosenoic (Gadoleic) | % | 0.10 | 0.19 | 0.08 | 0.11 | 0.10 | 0.07 | 0.12 | 0.21 | 0.12 | 0.03 | 0.13 | 0.13 | 0.12 | 0.12 | 0.10 | 0.06 | 0.07 | 0.06 | 0.10 | 0.05 | 0.04 | 0.06 | 0.07 | 0.07 |
| C20:2 Eicosadienoic | % | 0.01 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | <0.01 | 0.02 | 0.01 | <0.01 | 0.02 | 0.01 | 0.02 |
| C20:3 Eicosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:4 Eicosatetraenoic (Arachidonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:5 Eicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C21:5 Heneicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:0 Docosanoic (Behenic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:1 Docosenoic (Erucic) | % | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | <0.01 | <0.01 | 0.02 | 0.01 | <0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:2 Docosadienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:3 Docosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:4 Docosatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:5 Docosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:6 Docosahexaenoic | % | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.06 | 0.03 | <0.01 | 0.02 | 0.03 | 0.03 | 0.03 | 0.02 | <0.01 | 0.02 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C24:0 Tetracosanoic (Lignoceric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C24:1 Tetracosenoic (Nervonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Iron | % | 0.00070 | 0.00066 | 0.00056 | 0.00081 | 0.0057 | 0.00048 | 0.00055 | 0.00061 | 0.00052 | 0.00052 | 0.00055 | 0.00062 | 0.00058 | 0.00055 | 0.00056 | 0.00059 | 0.00069 | 0.00078 | 0.00076 | 0.00062 | 0.00063 | 0.00053 | 0.00062 | 0.0013 |
| Niacin | mg/100 g | 11.3 | 11.2 | 12.0 | 11.4 | 9.29 | 11.2 | 12.4 | 12.2 | 11.3 | 11.2 | 11.8 | 10.9 | 10.2 | 11.8 | 10.7 | 11.9 | 11.7 | 10.6 | 12.3 | 11.9 | 12.2 | 10.9 | 12.4 | 11.6 |
| Phosphorus | % | 0.21 | 0.21 | 0.21 | 0.20 | 0.22 | 0.22 | 0.21 | 0.20 | 0.20 | 0.21 | 0.20 | 0.20 | 0.21 | 0.20 | 0.20 | 0.21 | 0.21 | 0.22 | 0.20 | 0.21 | 0.22 | 0.20 | 0.21 | 0.20 |
| Vitamin B12 | mcg/100 g | 0.918 | 1.20 | 1.18 | 1.50 | 0.887 | 0.891 | 0.692 | 0.831 | 1.11 | 0.692 | 0.841 | 0.821 | 0.783 | 0.972 | 0.947 | 1.09 | 0.866 | 0.768 | 1.02 | 0.806 | 0.887 | 1.00 | 1.04 | 1.02 |
| Vitamin B6 | mg/100 g | 0.378 | 0.495 | 0.413 | 0.299 | 0.365 | 0.408 | 0.552 | 0.581 | 0.586 | 0.521 | 0.459 | 0.543 | 0.538 | 0.479 | 0.420 | 0.453 | 0.423 | 0.423 | 0.361 | 0.369 | 0.468 | 0.427 | 0.448 | 0.461 |
| Zinc | % | 0.0016 | 0.0016 | 0.0016 | 0.0015 | 0.0015 | 0.0013 | 0.0016 | 0.0017 | 0.0014 | 0.0016 | 0.0016 | 0.0015 | 0.0017 | 0.0013 | 0.0013 | 0.0015 | 0.0016 | 0.0020 | 0.0017 | 0.0019 | 0.0018 | 0.0015 | 0.0017 | 0.0014 |

| SubtestDescription | Units | ME2005-005513 / 200437402 26-Jan-05 | ME2005-005514 / 200439501 26-Jan-05 | ME2005-005515 / 200436008 26-Jan-05 | ME2005-005516 / 200438605 26-Jan-05 | ME2005-005517 / 200434605 26-Jan-05 | ME2005-005518 / 200436003 26-Jan-05 | ME2005-005519 / 200437509 26-Jan-05 | ME2005-005520 / 200432506 26-Jan-05 | ME2005-005521 / 200433204 26-Jan-05 | ME2005-005522 / 200436612 26-Jan-05 | ME2005-005523 / 200434604 2-Feb-05 | ME2005-005524 / 200438604 2-Feb-05 | ME2005-005525 / 200434105 2-Feb-05 | ME2005-005526 / 200437401 2-Feb-05 | ME2005-005527 / 200432306 2-Feb-05 | ME2005-005528 / 200433708 2-Feb-05 | ME2005-005529 / 200438102 2-Feb-05 | ME2005-005530 / 200436403 2-Feb-05 | ME2005-005531 / 200438705 20-Jan-05 | ME2005-005532 / 200433401 20-Jan-05 | ME2005-005533 / 200431803 20-Jan-05 | ME2005-005534 / 200438709 20-Jan-05 | ME2005-005535 / 200430507 20-Jan-05 | ME2005-005536 / 200434805 20-Jan-05 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alanine | % | 1.43 | 1.45 | 1.56 | 1.41 | 1.59 | 1.57 | 1.92 | 1.58 | 1.67 | 1.37 | 1.22 | 1.24 | 1.31 | 1.25 | 1.33 | 1.24 | 1.24 | 1.25 | 1.24 | 1.29 | 1.30 | 1.23 | 1.27 | 1.24 |
| Arginine | % | 1.49 | 1.59 | 1.64 | 1.64 | 1.88 | 1.84 | 2.30 | 1.89 | 1.99 | 1.62 | 1.39 | 1.43 | 1.53 | 1.45 | 1.49 | 1.42 | 1.42 | 1.41 | 1.42 | 1.48 | 1.51 | 1.43 | 1.51 | 1.46 |
| Aspartic Acid | % | 2.13 | 2.43 | 2.40 | 2.40 | 2.66 | 2.56 | 3.33 | 2.69 | 2.87 | 2.42 | 2.06 | 2.07 | 2.18 | 2.02 | 2.16 | 2.06 | 2.10 | 2.00 | 2.08 | 2.13 | 2.13 | 2.05 | 2.10 | 2.02 |
| Cystine | % | 0.23 | 0.23 | 0.26 | 0.24 | 0.26 | 0.24 | 0.26 | 0.26 | 0.27 | 0.26 | 0.25 | 0.26 | 0.27 | 0.25 | 0.24 | 0.25 | 0.25 | 0.25 | 0.24 | 0.28 | 0.26 | 0.24 | 0.25 | 0.25 |
| Glutamic Acid | % | 3.29 | 3.78 | 3.72 | 3.84 | 4.26 | 4.15 | 5.31 | 4.33 | 4.58 | 3.82 | 3.38 | 3.34 | 3.61 | 3.34 | 3.50 | 3.41 | 3.47 | 3.37 | 3.44 | 3.54 | 3.55 | 3.41 | 3.47 | 3.33 |
| Glycine | % | 1.39 | 0.98 | 1.43 | 1.15 | 1.37 | 1.46 | 1.50 | 1.35 | 1.35 | 1.08 | 0.87 | 1.06 | 0.98 | 1.05 | 1.11 | 0.95 | 0.88 | 1.03 | 0.91 | 1.01 | 1.04 | 0.94 | 1.01 | 0.99 |
| Histidine | % | 0.86 | 1.00 | 0.96 | 1.10 | 1.25 | 1.09 | 1.65 | 1.16 | 1.34 | 1.09 | 0.90 | 0.94 | 0.97 | 0.89 | 0.99 | 0.90 | 0.91 | 0.80 | 0.94 | 0.95 | 0.95 | 0.86 | 0.98 | 0.95 |
| Isoleucine | % | 0.92 | 1.07 | 1.01 | 1.00 | 1.27 | 1.22 | 1.58 | 1.27 | 1.35 | 1.08 | 0.87 | 0.92 | 1.01 | 0.93 | 0.99 | 0.98 | 0.93 | 0.92 | 0.97 | 0.99 | 1.00 | 0.98 | 1.02 | 0.99 |
| Leucine | % | 1.72 | 2.03 | 1.95 | 1.95 | 2.22 | 2.12 | 2.80 | 2.24 | 2.40 | 2.00 | 1.72 | 1.71 | 1.84 | 1.70 | 1.81 | 1.75 | 1.76 | 1.70 | 1.77 | 1.81 | 1.81 | 1.75 | 1.80 | 1.73 |
| Lysine, Total | % | 1.74 | 2.04 | 1.97 | 2.18 | 2.45 | 2.38 | 3.19 | 2.54 | 2.70 | 2.14 | 1.88 | 1.89 | 2.04 | 1.85 | 1.95 | 1.94 | 1.95 | 1.88 | 1.96 | 1.97 | 2.00 | 1.93 | 1.96 | 1.93 |
| Methionine | % | 0.60 | 0.58 | 0.66 | 0.58 | 0.66 | 0.63 | 0.68 | 0.66 | 0.69 | 0.64 | 0.59 | 0.63 | 0.67 | 0.62 | 0.59 | 0.62 | 0.61 | 0.61 | 0.61 | 0.71 | 0.65 | 0.60 | 0.60 | 0.66 |
| Phenylalanine | % | 0.98 | 1.13 | 1.07 | 0.95 | 1.09 | 1.04 | 1.38 | 1.11 | 1.17 | 0.98 | 0.84 | 0.85 | 0.89 | 0.84 | 0.86 | 0.86 | 0.86 | 0.84 | 0.85 | 0.86 | 0.92 | 0.87 | 0.91 | 0.86 |
| Proline | % | 1.02 | 0.88 | 1.11 | 1.06 | 1.27 | 1.01 | 1.49 | 1.42 | 1.37 | 0.98 | 0.88 | 0.92 | 0.96 | 1.05 | 1.04 | 0.94 | 0.93 | 1.03 | 0.94 | 1.00 | 1.08 | 1.00 | 1.07 | 1.05 |
| Serine | % | 0.91 | 0.99 | 1.02 | 1.01 | 1.09 | 1.05 | 1.33 | 1.10 | 1.18 | 1.05 | 0.89 | 0.88 | 0.92 | 0.85 | 0.91 | 0.87 | 0.90 | 0.85 | 0.88 | 0.91 | 0.90 | 0.86 | 0.87 | 0.85 |
| Threonine | % | 0.92 | 1.09 | 1.05 | 1.16 | 1.26 | 1.20 | 1.61 | 1.27 | 1.37 | 1.06 | 0.97 | 0.98 | 1.05 | 0.97 | 1.02 | 0.97 | 1.00 | 0.96 | 0.99 | 1.00 | 1.00 | 0.99 | 0.99 | 0.95 |
| Tyrosine | % | 0.71 | 0.86 | 0.79 | 0.85 | 0.94 | 0.90 | 1.19 | 0.96 | 1.02 | 0.87 | 0.76 | 0.73 | 0.80 | 0.75 | 0.77 | 0.75 | 0.78 | 0.74 | 0.76 | 0.78 | 0.81 | 0.77 | 0.80 | 0.75 |
| Valine | % | 0.99 | 1.10 | 1.06 | 1.08 | 1.36 | 1.31 | 1.70 | 1.37 | 1.44 | 1.16 | 0.93 | 0.97 | 1.06 | 0.99 | 1.08 | 1.04 | 0.98 | 0.98 | 1.03 | 1.08 | 1.09 | 1.05 | 1.10 | 1.06 |
| Calcium | % | 0.0049 | 0.0072 | 0.0046 | 0.0044 | 0.0041 | 0.0044 | 0.0042 | 0.0041 | 0.0048 | 0.0047 | 0.0049 | 0.0054 | 0.0048 | 0.0076 | 0.0045 | 0.0048 | 0.0050 | 0.0049 | 0.0040 | 0.0045 | 0.0063 | 0.0044 | 0.0042 | 0.0044 |
| Cholesterol | mg/100 g | 60.0 | 54.4 | 57.4 | 64.2 | 57.3 | 55.5 | 58.6 | 60.3 | 61.7 | 61.5 | 59.3 | 60.2 | 59.3 | 63.2 | 60.6 | 65.7 | 60.1 | 65.3 | 68.9 | 59.7 | 61.4 | 60.6 | 62.7 | 59.8 |
| C08:0 Octanoic (Caprylic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C10:0 Decanoic (Capric) | % | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 |
| C11:0 Undecanoic (Hendecanoic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C12:0 Dodecanoic (Lauric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C14:0 Tetradecanoic (Myristic) | % | 0.14 | 0.04 | 0.05 | 0.09 | 0.06 | 0.08 | 0.08 | 0.08 | 0.08 | 0.06 | 0.06 | 0.06 | 0.07 | 0.11 | 0.08 | 0.08 | 0.09 | 0.07 | 0.07 | 0.03 | 0.06 | 0.11 | 0.09 | 0.13 |
| C14:1 Tetradecenoic (Myristoleic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:0 Pentadecanoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:1 Pentadecenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C16:0 Hexadecanoic (Palmitic) | % | 2.48 | 0.80 | 0.77 | 1.41 | 1.10 | 1.17 | 1.20 | 1.29 | 1.31 | 1.17 | 0.96 | 1.00 | 1.09 | 1.97 | 1.32 | 1.24 | 1.57 | 1.04 | 1.11 | 0.53 | 1.04 | 1.85 | 1.60 | 1.97 |
| C16:1 Hexadecenoic (Palmitoleic) | % | 0.31 | 0.09 | 0.10 | 0.19 | 0.12 | 0.14 | 0.18 | 0.19 | 0.15 | 0.14 | 0.10 | 0.13 | 0.13 | 0.26 | 0.16 | 0.17 | 0.16 | 0.15 | 0.15 | 0.09 | 0.13 | 0.20 | 0.17 | 0.25 |
| C17:0 Heptadecanoic (Margaric) | % | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.01 |
| C17:1 Heptadecenoic Margaroleic | % | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.01 |
| C18:0 Octadecanoic (Stearic) | % | 1.20 | 0.42 | 0.35 | 0.65 | 0.56 | 0.58 | 0.48 | 0.56 | 0.62 | 0.63 | 0.51 | 0.51 | 0.52 | 0.90 | 0.62 | 0.62 | 0.84 | 0.47 | 0.51 | 0.21 | 0.49 | 0.90 | 0.75 | 0.92 |
| C18:1 Octadecenoic (Oleic) | % | 3.93 | 1.40 | 1.36 | 2.29 | 2.18 | 1.86 | 2.15 | 2.24 | 2.06 | 2.12 | 1.87 | 1.73 | 1.85 | 3.36 | 2.22 | 2.05 | 2.53 | 1.85 | 1.95 | 1.07 | 1.84 | 3.06 | 2.63 | 3.11 |
| C18:2 Octadecadienoic (Linoleic) | % | 0.53 | 0.21 | 0.20 | 0.35 | 0.30 | 0.29 | 0.36 | 0.24 | 0.27 | 0.36 | 0.29 | 0.27 | 0.23 | 0.39 | 0.31 | 0.38 | 0.31 | 0.34 | 0.28 | 0.17 | 0.33 | 0.50 | 0.34 | 0.36 |
| C18:3 Octadecatrienoic (Linolenic) | % | 0.02 | <0.01 | <0.01 | 0.01 | 0.01 | 0.01 | 0.02 | <0.01 | <0.01 | 0.02 | 0.01 | 0.01 | <0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | <0.01 | 0.01 | 0.02 | 0.01 | 0.01 |
| C18:4 Octadecatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 |
| C20:0 Eicosanoic (Arachidic) | % | 0.02 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | 0.01 |
| C20:1 Eicosenoic (Gadoleic) | % | 0.10 | 0.04 | 0.05 | 0.08 | 0.08 | 0.09 | 0.07 | 0.06 | 0.10 | 0.06 | 0.09 | 0.06 | 0.07 | 0.09 | 0.12 | 0.06 | 0.08 | 0.08 | 0.07 | 0.02 | 0.05 | 0.10 | 0.12 | 0.12 |
| C20:2 Eicosadienoic | % | 0.02 | 0.01 | <0.01 | 0.01 | 0.02 | 0.01 | 0.02 | <0.01 | 0.01 | 0.02 | 0.02 | 0.01 | <0.01 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.01 | <0.01 | 0.01 | 0.02 | 0.02 | 0.02 |
| C20:3 Eicosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:4 Eicosatetraenoic (Arachidonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:5 Eicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C21:5 Heneicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:0 Docosanoic (Behenic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:1 Docosenoic (Erucic) | % | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.02 | 0.02 |
| C22:2 Docosadienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:3 Docosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:4 Docosatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:5 Docosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:6 Docosahexaenoic | % | 0.02 | <0.01 | <0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | <0.01 | 0.01 | 0.02 | 0.02 | <0.01 | 0.02 | 0.01 | 0.02 | <0.01 | <0.01 | 0.02 | 0.03 | 0.03 |
| C24:0 Tetracosanoic (Lignoceric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C24:1 Tetracosenoic (Nervonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Iron | % | 0.00049 | 0.00051 | 0.00056 | 0.00061 | 0.00061 | 0.00059 | 0.00068 | 0.00064 | 0.00052 | 0.00057 | 0.00057 | 0.00050 | 0.00056 | 0.00057 | 0.00058 | 0.00054 | 0.00052 | 0.00061 | 0.00063 | 0.00066 | 0.00061 | 0.00057 | 0.00058 | 0.00077 |
| Niacin | mg/100 g | 11.3 | 11.2 | 11.6 | 10.4 | 10.7 | 13.2 | 11.4 | 11.8 | 11.0 | 11.1 | 12.3 | 10.6 | 11.3 | 10.8 | 11.3 | 10.4 | 10.9 | 12.2 | 11.9 | 11.3 | 11.8 | 11.3 | 11.8 | 11.9 |
| Phosphorus | % | 0.20 | 0.19 | 0.21 | 0.20 | 0.21 | 0.22 | 0.21 | 0.20 | 0.21 | 0.22 | 0.22 | 0.19 | 0.21 | 0.20 | 0.21 | 0.20 | 0.20 | 0.22 | 0.21 | 0.22 | 0.21 | 0.21 | 0.21 | 0.20 |
| Vitamin B12 | mcg/100 g | 0.598 | 0.885 | 1.09 | 1.05 | 0.730 | 1.06 | 0.970 | 0.958 | 0.981 | 1.11 | 0.971 | 1.08 | 1.17 | 0.712 | 0.795 | 1.13 | 1.15 | 0.845 | 0.848 | 0.942 | 1.08 | 0.667 | 0.839 | 1.05 |
| Vitamin B6 | mg/100 g | 0.466 | 0.427 | 0.562 | 0.405 | 0.432 | 0.460 | 0.529 | 0.413 | 0.445 | 0.416 | 0.465 | 0.501 | 0.565 | 0.358 | 0.467 | 0.402 | 0.451 | 0.292 | 0.458 | 0.479 | 0.444 | 0.336 | 0.420 | 0.427 |
| Zinc | % | 0.0015 | 0.0014 | 0.0015 | 0.0017 | 0.0016 | 0.0015 | 0.0019 | 0.0014 | 0.0013 | 0.0015 | 0.0016 | 0.0014 | 0.0016 | 0.0014 | 0.0017 | 0.0015 | 0.0015 | 0.0016 | 0.0014 | 0.0014 | 0.0015 | 0.0014 | 0.0015 | 0.0016 |

| SubtestDescription | Units | ME2005-005537 / 20043530 4 20-Jan-05 | ME2005-005538 / 20043990 1 20-Jan-05 | ME2005-005539 / 20043530 7 20-Jan-05 | ME2005-005540 / 20043320 8 20-Jan-05 | ME2005-005541 / 20043950 2 20-Jan-05 | ME2005-005542 / 20043860 8 20-Jan-05 | ME2005-005543 / 20043380 1 20-Jan-05 | ME2005-005544 / 20043080 1 20-Jan-05 | ME2005-005545 / 20043660 1 20-Jan-05 | ME2005-005546 / 20043060 2 20-Jan-05 | ME2005-005547 / 20043600 4 20-Jan-05 | ME2005-005548 / 20043690 3 20-Jan-05 | ME2005-005549 / 20043300 1 20-Jan-05 | ME2005-005550 / 20043380 2 20-Jan-05 | ME2005-005551 / 20043861 1 20-Jan-05 | ME2005-005552 / 20043070 2 20-Jan-05 | ME2005-005553 / 20043160 2 20-Jan-05 | ME2005-005554 / 20043640 2 20-Jan-05 | ME2005-005555 / 20043410 9 20-Jan-05 | ME2005-005556 / 20043301 0 20-Jan-05 | ME2005-005557 / 20043410 4 20-Jan-05 | ME2005-005558 / 20043100 5 20-Jan-05 | ME2005-005559 / 20043410 7 20-Jan-05 | ME2005-005560 / 20043870 3 2-Feb-05 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alanine | % | 1.28 | 1.31 | 1.43 | 1.43 | 1.49 | 1.43 | 1.55 | 1.50 | 1.47 | 1.49 | 1.53 | 1.54 | 1.45 | 1.27 | 1.27 | 1.32 | 1.35 | 1.38 | 1.37 | 1.38 | 1.27 | 1.30 | 1.30 | 1.33 |
| Arginine | % | 1.52 | 1.37 | 1.45 | 1.44 | 1.44 | 1.43 | 1.52 | 1.48 | 1.44 | 1.44 | 1.50 | 1.47 | 1.42 | 1.50 | 1.48 | 1.53 | 1.60 | 1.66 | 1.61 | 1.66 | 1.48 | 1.47 | 1.52 | 1.56 |
| Aspartic Acid | % | 2.09 | 1.62 | 2.11 | 2.06 | 1.94 | 2.03 | 2.20 | 2.24 | 2.15 | 2.19 | 2.27 | 2.19 | 2.16 | 2.22 | 2.10 | 2.30 | 2.32 | 2.44 | 2.30 | 2.34 | 2.18 | 2.27 | 2.29 | 2.24 |
| Cystine | % | 0.26 | 0.24 | 0.27 | 0.25 | 0.27 | 0.26 | 0.27 | 0.28 | 0.27 | 0.28 | 0.26 | 0.27 | 0.26 | 0.27 | 0.24 | 0.25 | 0.27 | 0.28 | 0.24 | 0.25 | 0.27 | 0.26 | 0.27 | 0.25 |
| Glutamic Acid | % | 3.51 | 3.94 | 4.56 | 4.44 | 4.22 | 4.45 | 4.77 | 4.84 | 4.62 | 4.70 | 4.89 | 4.68 | 4.69 | 3.63 | 3.38 | 3.77 | 3.84 | 4.10 | 3.74 | 3.90 | 3.58 | 3.69 | 3.81 | 3.70 |
| Glycine | % | 0.96 | 1.21 | 1.21 | 1.32 | 1.84 | 1.42 | 1.57 | 1.25 | 1.31 | 1.29 | 1.25 | 1.51 | 1.20 | 0.97 | 1.18 | 1.01 | 1.09 | 1.02 | 1.19 | 1.16 | 1.07 | 1.01 | 1.04 | 1.11 |
| Histidine | % | 0.97 | 0.82 | 0.92 | 0.96 | 0.83 | 0.84 | 0.88 | 0.95 | 0.92 | 0.91 | 0.93 | 0.87 | 0.91 | 0.91 | 0.86 | 0.94 | 0.96 | 0.92 | 0.96 | 0.94 | 0.89 | 0.95 | 0.91 | 0.91 |
| Isoleucine | % | 1.01 | 0.95 | 1.04 | 1.02 | 0.93 | 1.01 | 0.91 | 0.92 | 0.89 | 0.91 | 0.91 | 0.88 | 0.88 | 0.83 | 0.78 | 0.87 | 0.88 | 0.92 | 0.85 | 0.86 | 0.73 | 0.77 | 0.81 | 0.81 |
| Leucine | % | 1.80 | 1.70 | 1.87 | 1.82 | 1.66 | 1.79 | 1.86 | 1.91 | 1.84 | 1.87 | 1.93 | 1.85 | 1.85 | 1.80 | 1.67 | 1.85 | 1.87 | 1.97 | 1.84 | 1.87 | 1.72 | 1.80 | 1.83 | 1.80 |
| Lysine, Total | % | 1.99 | 1.73 | 1.90 | 1.86 | 1.69 | 1.81 | 1.90 | 1.94 | 1.86 | 1.91 | 1.96 | 1.88 | 1.89 | 1.95 | 1.80 | 2.03 | 2.02 | 2.16 | 1.98 | 2.05 | 1.88 | 1.95 | 1.99 | 1.96 |
| Methionine | % | 0.65 | 0.58 | 0.67 | 0.64 | 0.68 | 0.63 | 0.67 | 0.69 | 0.67 | 0.68 | 0.60 | 0.64 | 0.64 | 0.69 | 0.57 | 0.62 | 0.64 | 0.66 | 0.55 | 0.56 | 0.64 | 0.64 | 0.64 | 0.56 |
| Phenylalanine | % | 0.91 | 0.82 | 0.89 | 0.87 | 0.81 | 0.85 | 0.90 | 0.91 | 0.86 | 0.89 | 0.92 | 0.88 | 0.87 | 0.87 | 0.82 | 0.89 | 0.90 | 0.94 | 0.96 | 0.97 | 0.86 | 0.88 | 0.91 | 0.89 |
| Proline | % | 1.10 | 0.90 | 0.90 | 0.96 | 1.18 | 1.00 | 1.09 | 0.96 | 0.99 | 1.01 | 1.02 | 1.08 | 0.97 | 0.87 | 0.96 | 0.90 | 0.97 | 0.95 | 1.06 | 0.99 | 0.97 | 1.00 | 1.06 | 1.07 |
| Serine | % | 0.89 | 0.87 | 1.10 | 1.07 | 1.01 | 1.04 | 1.20 | 1.20 | 1.16 | 1.19 | 1.21 | 1.18 | 1.16 | 0.94 | 0.91 | 0.98 | 0.99 | 1.04 | 0.97 | 0.99 | 0.95 | 0.97 | 0.97 | 0.96 |
| Threonine | % | 1.02 | 0.95 | 1.19 | 1.16 | 1.07 | 1.14 | 1.23 | 1.26 | 1.20 | 1.24 | 1.29 | 1.24 | 1.25 | 1.04 | 0.97 | 1.08 | 1.09 | 1.15 | 1.06 | 1.10 | 0.98 | 1.05 | 1.05 | 1.04 |
| Tyrosine | % | 0.81 | 0.72 | 0.78 | 0.75 | 0.68 | 0.73 | 0.78 | 0.81 | 0.77 | 0.80 | 0.84 | 0.78 | 0.79 | 0.78 | 0.72 | 0.80 | 0.81 | 0.85 | 0.82 | 0.83 | 0.76 | 0.79 | 0.80 | 0.79 |
| Valine | % | 1.09 | 1.02 | 1.13 | 1.12 | 1.06 | 1.11 | 0.99 | 1.00 | 0.97 | 0.99 | 1.03 | 0.98 | 0.96 | 0.88 | 0.84 | 0.92 | 0.93 | 0.97 | 0.93 | 0.94 | 0.77 | 0.83 | 0.87 | 0.86 |
| Calcium | % | 0.0049 | 0.0045 | 0.0042 | 0.0043 | 0.0060 | 0.0048 | 0.0051 | 0.0046 | 0.0067 | 0.010 | 0.0046 | 0.0047 | 0.0046 | 0.0050 | 0.0044 | 0.0057 | 0.0047 | 0.0044 | 0.0049 | 0.0069 | 0.0048 | 0.0083 | 0.0049 | 0.0061 |
| Cholesterol | mg/100 g | 58.2 | 61.0 | 55.7 | 64.2 | 62.1 | 65.1 | 59.7 | 61.0 | 66.9 | 70.5 | 63.0 | 64.0 | 62.4 | 60.2 | 68.2 | 59.9 | 62.8 | 65.6 | 64.8 | 60.2 | 64.7 | 67.8 | 65.9 | 68.7 |
| C08:0 Octanoic (Caprylic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C10:0 Decanoic (Capric) | % | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 |
| C11:0 Undecanoic (Hendecanoic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C12:0 Dodecanoic (Lauric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C14:0 Tetradecanoic (Myristic) | % | 0.12 | 0.13 | 0.08 | 0.11 | 0.06 | 0.09 | 0.06 | 0.06 | 0.08 | 0.08 | 0.09 | 0.06 | 0.06 | 0.07 | 0.14 | 0.04 | 0.12 | 0.04 | 0.09 | 0.10 | 0.04 | 0.08 | 0.11 | 0.16 |
| C14:1 Tetradecenoic (Myristoleic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:0 Pentadecanoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:1 Pentadecenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C16:0 Hexadecanoic (Palmitic) | % | 2.05 | 2.13 | 1.28 | 1.82 | 1.12 | 1.62 | 1.04 | 0.89 | 1.45 | 1.23 | 1.51 | 0.79 | 0.97 | 1.12 | 2.59 | 0.62 | 1.99 | 0.65 | 1.54 | 1.64 | 0.67 | 1.31 | 1.89 | 2.66 |
| C16:1 Hexadecenoic (Palmitoleic) | % | 0.19 | 0.23 | 0.17 | 0.22 | 0.13 | 0.25 | 0.12 | 0.13 | 0.17 | 0.16 | 0.17 | 0.11 | 0.12 | 0.15 | 0.27 | 0.08 | 0.17 | 0.08 | 0.20 | 0.18 | 0.08 | 0.18 | 0.17 | 0.31 |
| C17:0 Heptadecanoic (Margaric) | % | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 |
| C17:1 Heptadecenoic Margaroleic | % | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 |
| C18:0 Octadecanoic (Stearic) | % | 1.01 | 1.08 | 0.56 | 0.79 | 0.60 | 0.77 | 0.56 | 0.40 | 0.73 | 0.55 | 0.68 | 0.34 | 0.46 | 0.53 | 1.25 | 0.29 | 1.02 | 0.33 | 0.69 | 0.80 | 0.34 | 0.55 | 0.95 | 1.33 |
| C18:1 Octadecenoic (Oleic) | % | 2.83 | 3.49 | 2.22 | 2.84 | 1.87 | 2.80 | 1.67 | 1.55 | 2.42 | 2.13 | 2.47 | 1.45 | 1.61 | 1.85 | 3.91 | 1.03 | 2.64 | 1.27 | 2.49 | 2.74 | 1.13 | 2.39 | 2.72 | 3.94 |
| C18:2 Octadecadienoic (Linoleic) | % | 0.21 | 0.44 | 0.31 | 0.29 | 0.20 | 0.27 | 0.25 | 0.24 | 0.28 | 0.23 | 0.34 | 0.20 | 0.19 | 0.26 | 0.32 | 0.16 | 0.25 | 0.21 | 0.31 | 0.38 | 0.16 | 0.37 | 0.28 | 0.45 |
| C18:3 Octadecatrienoic (Linolenic) | % | <0.01 | 0.02 | 0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.02 | <0.01 | 0.01 | <0.01 | 0.01 |
| C18:4 Octadecatetraenoic | % | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:0 Eicosanoic (Arachidic) | % | 0.03 | 0.01 | 0.02 | 0.02 | <0.01 | <0.01 | 0.01 | <0.01 | 0.01 | 0.01 | 0.02 | <0.01 | 0.01 | <0.01 | 0.02 | <0.01 | 0.03 | <0.01 | 0.01 | 0.01 | <0.01 | 0.01 | 0.02 | 0.02 |
| C20:1 Eicosenoic (Gadoleic) | % | 0.23 | 0.11 | 0.08 | 0.15 | 0.07 | 0.06 | 0.08 | 0.06 | 0.09 | 0.10 | 0.13 | 0.06 | 0.10 | 0.06 | 0.22 | 0.04 | 0.22 | 0.03 | 0.09 | 0.09 | 0.03 | 0.10 | 0.19 | 0.19 |
| C20:2 Eicosadienoic | % | 0.01 | 0.02 | 0.01 | 0.01 | <0.01 | 0.01 | 0.01 | <0.01 | 0.01 | <0.01 | 0.02 | <0.01 | <0.01 | 0.01 | 0.02 | <0.01 | 0.01 | 0.01 | 0.01 | 0.02 | <0.01 | 0.02 | 0.01 | 0.02 |
| C20:3 Eicosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:4 Eicosatetraenoic (Arachidonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:5 Eicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C21:5 Heneicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:0 Docosanoic (Behenic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:1 Docosenoic (Erucic) | % | 0.02 | 0.01 | 0.01 | 0.02 | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | 0.01 | 0.02 | 0.01 | 0.01 | <0.01 | 0.02 | <0.01 | 0.02 | <0.01 | <0.01 | 0.01 | <0.01 | 0.02 | 0.02 | 0.03 |
| C22:2 Docosadienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:3 Docosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:4 Docosatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:5 Docosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:6 Docosahexaenoic | % | 0.05 | 0.02 | 0.02 | 0.04 | 0.01 | 0.01 | 0.01 | <0.01 | 0.02 | 0.02 | 0.03 | 0.01 | 0.02 | <0.01 | 0.06 | <0.01 | 0.05 | <0.01 | 0.02 | 0.02 | <0.01 | 0.02 | 0.04 | 0.04 |
| C24:0 Tetracosanoic (Lignoceric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C24:1 Tetracosenoic (Nervonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Iron | % | 0.00058 | 0.00067 | 0.00061 | 0.00062 | 0.00067 | 0.00064 | 0.00065 | 0.00060 | 0.00057 | 0.00070 | 0.00064 | 0.00053 | 0.00062 | 0.00053 | 0.00052 | 0.00048 | 0.00054 | 0.00078 | 0.00065 | 0.00075 | 0.00059 | 0.00063 | 0.00059 | 0.00062 |
| Niacin | mg/100 g | 10.9 | 11.8 | 11.4 | 11.5 | 12.0 | 11.3 | 12.7 | 12.6 | 11.1 | 10.9 | 10.6 | 11.8 | 10.2 | 11.5 | 9.68 | 12.1 | 11.8 | 10.9 | 11.1 | 10.9 | 10.7 | 11.7 | 11.0 | 10.5 |
| Phosphorus | % | 0.21 | 0.21 | 0.21 | 0.20 | 0.21 | 0.21 | 0.22 | 0.21 | 0.21 | 0.22 | 0.21 | 0.21 | 0.21 | 0.21 | 0.20 | 0.22 | 0.22 | 0.22 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 |
| Vitamin B12 | mcg/100 g | 0.988 | 0.929 | 1.16 | 1.28 | 1.07 | 0.899 | 0.950 | 0.940 | 0.945 | 1.05 | 1.08 | 0.969 | 1.04 | 1.17 | 1.23 | 0.717 | 1.12 | 0.992 | 1.28 | 1.06 | 0.819 | 1.21 | 0.984 | 1.16 |
| Vitamin B6 | mg/100 g | 0.441 | 0.376 | 0.478 | 0.522 | 0.413 | 0.298 | 0.375 | 0.419 | 0.411 | 0.361 | 0.457 | 0.391 | 0.395 | 0.329 | 0.295 | 0.346 | 0.456 | 0.345 | 0.373 | 0.323 | 0.400 | 0.349 | 0.354 | 0.430 |
| Zinc | % | 0.0015 | 0.0015 | 0.0022 | 0.0016 | 0.0016 | 0.0014 | 0.0018 | 0.0014 | 0.0016 | 0.0017 | 0.0018 | 0.0012 | 0.0014 | 0.0015 | 0.0016 | 0.0014 | 0.0015 | 0.0016 | 0.0016 | 0.0017 | 0.0016 | 0.0015 | 0.0015 | 0.0016 |

| SubtestDescription | Units | ME2005-005561 / 20043940 1 2-Feb-05 | ME2005-005562 / 20043180 4 2-Feb-05 | ME2005-005563 / 20043940 4 2-Feb-05 | ME2005-005564 / 20043840 3 2-Feb-05 | ME2005-005565 / 20043950 3 2-Feb-05 | ME2005-005566 / 20043410 2 2-Feb-05 | ME2005-005567 / 20043060 3 2-Feb-05 |
|---|---|---|---|---|---|---|---|---|
| Alanine | % | 1.41 | 1.33 | 1.43 | 1.47 | 1.39 | 1.49 | 1.38 |
| Arginine | % | 1.69 | 1.55 | 1.61 | 1.66 | 1.66 | 1.71 | 1.54 |
| Aspartic Acid | % | 2.39 | 2.30 | 2.43 | 2.54 | 2.50 | 2.36 | 2.35 |
| Cystine | % | 0.26 | 0.24 | 0.27 | 0.28 | 0.27 | 0.28 | 0.27 |
| Glutamic Acid | % | 3.97 | 3.80 | 3.88 | 4.06 | 3.82 | 3.71 | 3.71 |
| Glycine | % | 1.22 | 1.08 | 1.12 | 1.09 | 1.12 | 1.58 | 1.05 |
| Histidine | % | 1.02 | 0.95 | 0.99 | 1.02 | 1.16 | 1.04 | 1.01 |
| Isoleucine | % | 0.87 | 0.82 | 1.05 | 1.13 | 1.14 | 1.07 | 1.13 |
| Leucine | % | 1.92 | 1.84 | 1.94 | 2.04 | 2.04 | 1.91 | 1.88 |
| Lysine, Total | % | 2.10 | 2.05 | 2.14 | 2.24 | 2.18 | 2.06 | 2.09 |
| Methionine | % | 0.60 | 0.56 | 0.63 | 0.65 | 0.58 | 0.74 | 0.65 |
| Phenylalanine | % | 0.98 | 0.95 | 1.04 | 1.07 | 1.01 | 0.98 | 1.02 |
| Proline | % | 1.19 | 1.10 | 1.15 | 1.22 | 0.97 | 1.19 | 1.14 |
| Serine | % | 1.02 | 0.99 | 1.00 | 1.01 | 1.05 | 0.99 | 0.85 |
| Threonine | % | 1.11 | 1.08 | 1.10 | 1.16 | 1.08 | 1.02 | 1.04 |
| Tyrosine | % | 0.85 | 0.82 | 0.84 | 0.88 | 0.89 | 0.81 | 0.80 |
| Valine | % | 0.92 | 0.90 | 1.12 | 1.20 | 1.24 | 1.19 | 1.20 |
| Calcium | % | 0.0092 | 0.0064 | 0.0049 | 0.0049 | 0.0045 | 0.0048 | 0.0044 |
| Cholesterol | mg/100 g | 68.9 | 66.3 | 65.8 | 64.8 | 61.3 | 63.9 | 63.9 |
| C08:0 Octanoic (Caprylic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C10:0 Decanoic (Capric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C11:0 Undecanoic (Hendecanoic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C12:0 Dodecanoic (Lauric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C14:0 Tetradecanoic (Myristic) | % | 0.05 | 0.12 | 0.08 | 0.03 | 0.05 | 0.09 | 0.09 |
| C14:1 Tetradecenoic (Myristoleic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:0 Pentadecanoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C15:1 Pentadecenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C16:0 Hexadecanoic (Palmitic) | % | 0.86 | 1.96 | 1.31 | 0.56 | 0.78 | 1.52 | 1.47 |
| C16:1 Hexadecenoic (Palmitoleic) | % | 0.10 | 0.19 | 0.15 | 0.08 | 0.11 | 0.20 | 0.19 |
| C17:0 Heptadecanoic (Margaric) | % | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C17:1 Heptadecenoic Margaroleic | % | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C18:0 Octadecanoic (Stearic) | % | 0.41 | 1.02 | 0.62 | 0.27 | 0.36 | 0.67 | 0.67 |
| C18:1 Octadecenoic (Oleic) | % | 1.39 | 2.82 | 1.97 | 1.03 | 1.37 | 2.63 | 2.47 |
| C18:2 Octadecadienoic (Linoleic) | % | 0.24 | 0.37 | 0.28 | 0.14 | 0.22 | 0.32 | 0.34 |
| C18:3 Octadecatrienoic (Linolenic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | 0.01 |
| C18:4 Octadecatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:0 Eicosanoic (Arachidic) | % | <0.01 | 0.02 | 0.01 | <0.01 | <0.01 | 0.01 | 0.01 |
| C20:1 Eicosenoic (Gadoleic) | % | 0.06 | 0.18 | 0.09 | 0.03 | 0.04 | 0.11 | 0.10 |
| C20:2 Eicosadienoic | % | 0.01 | 0.02 | 0.01 | <0.01 | 0.01 | 0.01 | 0.02 |
| C20:3 Eicosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:4 Eicosatetraenoic (Arachidonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C20:5 Eicosapentaenoic | % | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C21:5 Heneicosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:0 Docosanoic (Behenic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:1 Docosenoic (Erucic) | % | <0.01 | 0.03 | 0.01 | <0.01 | <0.01 | 0.01 | 0.02 |
| C22:2 Docosadienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:3 Docosatrienoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:4 Docosatetraenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:5 Docosapentaenoic | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C22:6 Docosahexaenoic | % | <0.01 | 0.04 | 0.02 | <0.01 | <0.01 | 0.02 | 0.02 |
| C24:0 Tetracosanoic (Lignoceric) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| C24:1 Tetracosenoic (Nervonic) | % | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Iron | % | 0.00072 | 0.00059 | 0.00066 | 0.00062 | 0.00061 | 0.00067 | 0.00055 |
| Niacin | mg/100 g | 9.76 | 12.0 | 11.7 | 11.5 | 9.48 | 11.5 | 11.0 |
| Phosphorus | % | 0.21 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 |
| Vitamin B12 | mcg/100 g | 1.04 | 1.11 | 0.821 | 0.913 | 0.419 | .987 | 1.03 |
| Vitamin B6 | mg/100 g | 0.370 | 0.344 | 0.290 | 0.301 | 0.429 | 0.424 | 0.413 |
| Zinc | % | 0.0015 | 0.0016 | 0.0015 | 0.0015 | 0.0015 | 0.0013 | 0.0014 |

| Animal ID | Estradiol (pg/mL) | IGF-1 (ng/mL) |
|---|---|---|
| 200430503 | 15.10 | 234.30 |
| 200430504 | 10.48 | 249.03 |
| 200430507 | 11.87 | 236.61 |
| 200430508 | 10.50 | 220.57 |
| 200430510 | 9.49 | 181.81 |
| 200430602 | 10.29 | 423.34 |
| 200430603 | 9.70 | 256.34 |
| 200430604 | 13.14 | 286.52 |
| 200430605 | 13.85 | 215.09 |
| 200430606 | 11.03 | 261.56 |
| 200430607 | 17.73 | 234.76 |
| 200430609 | 21.21 | 323.89 |
| 200430611 | 6.84 | 131.17 |
| 200430702 | 8.38 | 401.41 |
| 200430703 | 12.89 | 456.17 |
| 200430704 | 23.75 | 279.30 |
| 200430705 | 18.16 | 300.40 |
| 200430706 | 12.66 | 120.47 |
| 200430707 | 13.73 | 243.51 |
| 200430708 | 19.48 | 336.94 |
| 200430709 | 9.81 | 381.04 |
| 200430710 | 11.29 | 327.05 |
| 200430711 | 11.68 | 170.62 |
| 200430801 | 8.87 | 119.52 |
| 200430802 | 7.90 | 315.10 |
| 200430803 | 7.82 | 284.30 |
| 200430804 | 15.60 | 202.10 |
| 200430805 | 14.39 | 255.20 |
| 200430902 | 9.43 | 128.25 |
| 200430903 | 8.90 | 142.42 |
| 200430905 | 14.54 | 61.60 |
| 200430906 | 17.20 | 75.47 |
| 200431002 | 7.78 | 325.82 |
| 200431003 | 10.93 | 326.45 |
| 200431004 | 9.16 | 397.17 |
| 200431005 | 6.68 | 305.27 |
| 200431006 | 17.99 | 211.34 |
| 200431008 | 14.09 | 213.63 |
| 200431009 | 17.62 | 226.24 |
| 200431010 | 10.13 | 231.94 |
| 200431011 | 6.86 | 130.86 |
| 200431401 | 10.77 | 388.79 |
| 200431403 | 10.08 | 152.27 |
| 200431404 | 15.23 | 136.04 |
| 200431405 | 16.19 | 244.83 |
| 200431406 | 16.54 | 318.47 |
| 200431407 | 17.04 | 256.94 |
| 200431408 | 17.44 | 275.05 |
| 200431411 | 11.78 | 196.85 |
| 200431501 | 19.62 | 104.00 |
| 200431502 | 21.65 | 132.91 |
| 200431503 | 12.07 | 210.96 |
| 200431504 | 15.24 | 66.33 |
| 200431505 | 23.65 | 109.25 |
| 200431601 | 8.67 | 455.49 |
| 200431602 | 6.75 | 440.83 |

| Animal ID | Estradiol (pg/mL) | IGF-1 (ng/mL) |
|---|---|---|
| 200431604 | 10.44 | 366.43 |
| 200431605 | 6.81 | 347.54 |
| 200431606 | 15.64 | 227.88 |
| 200431607 | 6.63 | 324.73 |
| 200431608 | 29.27 | 99.00 |
| 200431610 | 10.57 | 346.65 |
| 200431702 | 8.90 | 356.96 |
| 200431703 | 3.28 | 311.53 |
| 200431704 | 11.67 | 170.25 |
| 200431706 | 7.45 | 327.22 |
| 200431708 | 7.61 | 244.62 |
| 200431801 | 11.99 | 315.19 |
| 200431802 | 18.97 | 344.92 |
| 200431803 | 9.03 | 339.05 |
| 200431804 | 6.17 | 12.12 |
| 200431805 | 4.60 | 265.45 |
| 200432002 | 8.32 | 276.80 |
| 200432003 | 10.58 | 265.68 |
| 200432004 | 9.21 | 394.13 |
| 200432006 | 10.96 | 251.21 |
| 200432008 | 18.16 | 175.18 |
| 200432101 | 10.43 | 482.62 |
| 200432103 | 13.33 | 440.47 |
| 200432105 | 11.10 | 171.34 |
| 200432108 | 11.97 | 346.03 |
| 200432302 | 9.91 | 417.78 |
| 200432304 | 14.01 | 349.05 |
| 200432306 | 5.20 | 284.69 |
| 200432308 | 9.43 | 364.04 |
| 200432310 | 6.96 | 306.87 |
| 200432402 | 11.15 | 407.32 |
| 200432403 | 11.99 | 452.08 |
| 200432404 | 4.98 | 417.86 |
| 200432405 | 10.53 | 269.47 |
| 200432406 | 6.43 | 309.52 |
| 200432501 | 12.45 | 347.05 |
| 200432503 | 13.83 | 451.86 |
| 200432506 | 6.93 | 292.88 |
| 200432507 | 14.35 | 348.97 |
| 200432601 | 9.07 | 216.61 |
| 200432602 | 13.62 | 251.19 |
| 200432604 | 12.88 | 267.96 |
| 200432607 | 13.40 | 141.39 |
| 200432609 | 19.59 | 139.04 |
| 200432610 | 6.43 | 150.00 |
| 200432702 | 7.43 | 310.70 |
| 200432704 | 9.38 | 102.12 |
| 200432705 | 8.60 | 103.61 |
| 200432706 | 9.18 | 218.59 |
| 200432901 | 8.97 | 158.22 |
| 200432907 | 9.27 | 102.10 |
| 200432909 | 9.34 | 116.61 |
| 200432911 | 16.59 | 207.26 |
| 200432913 | 14.63 | 126.01 |
| 200433001 | 10.61 | 303.70 |
| 200433007 | 10.34 | 375.13 |

| Animal ID | Estradiol (pg/mL) | IGF-1 (ng/mL) |
|---|---|---|
| 200433010 | 11.76 | 311.37 |
| 200433011 | 7.56 | 335.40 |
| 200433201 | 13.05 | 346.05 |
| 200433204 | 9.54 | 171.85 |
| 200433205 | 6.53 | 291.92 |
| 200433206 | 9.67 | 115.72 |
| 200433207 | 8.22 | 134.85 |
| 200433208 | 10.16 | 213.54 |
| 200433301 | 5.58 | 202.51 |
| 200433302 | 6.93 | 215.36 |
| 200433303 | 9.78 | 239.21 |
| 200433306 | 14.67 | 144.77 |
| 200433307 | 8.58 | 190.21 |
| 200433401 | 6.13 | 537.12 |
| 200433404 | 7.38 | 457.47 |
| 200433405 | 10.17 | 431.29 |
| 200433406 | 12.55 | 342.35 |
| 200433408 | 8.84 | 312.89 |
| 200433409 | 17.78 | 185.61 |
| 200433505 | 13.34 | 367.82 |
| 200433509 | 14.93 | 329.70 |
| 200433510 | 16.86 | 358.39 |
| 200433511 | 11.27 | 271.46 |
| 200433512 | 13.95 | 277.41 |
| 200433601 | 7.06 | 160.77 |
| 200433602 | 12.99 | 181.41 |
| 200433603 | 8.70 | 420.01 |
| 200433604 | 11.33 | 427.39 |
| 200433605 | 14.18 | 221.22 |
| 200433708 | 3.57 | 49.89 |
| 200433709 | 8.34 | 229.19 |
| 200433710 | 8.08 | 251.76 |
| 200433711 | 10.67 | 265.23 |
| 200433801 | 7.61 | 214.18 |
| 200433802 | 8.62 | 431.25 |
| 200433803 | 12.83 | 286.91 |
| 200433804 | 7.96 | 343.11 |
| 200433807 | 14.94 | 172.12 |
| 200433808 | 10.05 | 166.98 |
| 200433809 | 14.99 | 200.28 |
| 200434001 | 14.66 | 190.34 |
| 200434003 | 7.51 | 181.35 |
| 200434004 | 9.13 | 220.89 |
| 200434005 | 9.12 | 123.89 |
| 200434006 | 12.25 | 115.39 |
| 200434007 | 11.12 | 36.73 |
| 200434101 | 10.25 | 283.97 |
| 200434102 | 9.16 | 240.47 |
| 200434104 | 8.86 | 265.40 |
| 200434105 | 4.38 | 267.79 |
| 200434107 | 7.03 | 181.22 |
| 200434109 | 8.98 | 178.95 |
| 200434111 | 7.73 | 113.32 |
| 200434113 | 6.15 | 162.30 |
| 200434201 | 14.38 | 303.94 |
| 200434202 | 9.22 | 213.24 |

| Animal ID | Estradiol (pg/mL) | IGF-1 (ng/mL) |
|---|---|---|
| 200434203 | 10.40 | 111.37 |
| 200434206 | 22.00 | 303.95 |
| 200434301 | 8.56 | 400.00 |
| 200434304 | 8.72 | 351.16 |
| 200434310 | 7.40 | 431.49 |
| 200434401 | 11.24 | 454.82 |
| 200434402 | 9.93 | 312.04 |
| 200434403 | 10.42 | 303.87 |
| 200434502 | 9.28 | 393.08 |
| 200434504 | 11.41 | 311.43 |
| 200434507 | 5.72 | 287.78 |
| 200434509 | 15.60 | 493.41 |
| 200434511 | 7.03 | 345.13 |
| 200434512 | 9.59 | 398.78 |
| 200434601 | 11.04 | 327.52 |
| 200434602 | 9.88 | 507.74 |
| 200434603 | 6.75 | 506.35 |
| 200434604 | 7.34 | 270.51 |
| 200434605 | 3.81 | 332.80 |
| 200434606 | 17.64 | 468.80 |
| 200434607 | 15.79 | 479.65 |
| 200434802 | 9.43 | 317.27 |
| 200434803 | 12.94 | 362.02 |
| 200434804 | 15.17 | 283.12 |
| 200434805 | 9.42 | 346.44 |
| 200434806 | 12.71 | 101.60 |
| 200434807 | 17.11 | 74.27 |
| 200434808 | 10.74 | 160.83 |
| 200434809 | 45.08 | 123.88 |
| 200434901 | 15.14 | 302.59 |
| 200434902 | 16.16 | 341.39 |
| 200434903 | 12.25 | 317.83 |
| 200434904 | 14.87 | 404.95 |
| 200434905 | 11.79 | 190.47 |
| 200435302 | 19.64 | 590.88 |
| 200435303 | 9.82 | 431.25 |
| 200435304 | 11.13 | 427.98 |
| 200435306 | 3.73 | 302.48 |
| 200435307 | 8.05 | 295.52 |
| 200435308 | 20.55 | 239.60 |
| 200435309 | 16.09 | 244.26 |
| 200435310 | 11.30 | 222.48 |
| 200435311 | 15.79 | 253.48 |
| 200435401 | 4.95 | 254.50 |
| 200435402 | 9.10 | 290.73 |
| 200435403 | 12.46 | 251.02 |
| 200435404 | 13.30 | 270.41 |
| 200435405 | 11.95 | 372.24 |
| 200435407 | 8.50 | 213.00 |
| 200435412 | 11.69 | 264.17 |
| 200435413 | 7.92 | 145.05 |
| 200435801 | 12.02 | 227.27 |
| 200435802 | 11.37 | 454.36 |
| 200435803 | 3.84 | 116.09 |
| 200436001 | 11.03 | 418.70 |
| 200436003 | 6.20 | 364.63 |

| Animal ID | Estradiol (pg/mL) | IGF-1 (ng/mL) |
|---|---|---|
| 200436004 | 7.29 | 340.85 |
| 200436005 | 11.53 | 325.21 |
| 200436007 | 13.72 | 261.76 |
| 200436008 | 13.59 | 562.30 |
| 200436009 | 26.56 | 214.14 |
| 200436010 | 13.56 | 339.88 |
| 200436011 | 9.00 | 424.65 |
| 200436012 | 16.10 | 332.88 |
| 200436301 | 19.71 | 424.87 |
| 200436303 | 20.11 | 156.52 |
| 200436309 | 7.09 | 145.65 |
| 200436312 | 11.75 | 219.12 |
| 200436401 | 10.15 | 343.00 |
| 200436402 | 7.85 | 134.23 |
| 200436403 | 6.27 | 145.81 |
| 200436405 | 8.17 | 173.98 |
| 200436601 | 6.30 | 258.60 |
| 200436602 | 10.53 | 240.08 |
| 200436603 | 9.74 | 389.69 |
| 200436604 | 13.00 | 311.43 |
| 200436606 | 14.99 | 120.57 |
| 200436607 | 119.40 | 512.17 |
| 200436608 | 12.46 | 96.27 |
| 200436612 | 7.59 | 265.56 |
| 200436901 | 7.92 | 348.45 |
| 200436903 | 7.67 | 268.40 |
| 200436905 | 7.33 | 399.80 |
| 200436909 | 13.87 | 371.03 |
| 200436911 | 8.42 | 705.36 |
| 200436912 | 7.75 | 424.84 |
| 200436913 | 9.98 | 290.65 |
| 200437301 | 19.56 | 324.59 |
| 200437303 | 10.81 | 530.28 |
| 200437305 | 9.47 | 348.74 |
| 200437307 | 14.43 | 183.12 |
| 200437309 | 12.20 | 239.36 |
| 200437401 | 3.27 | 477.57 |
| 200437402 | 8.99 | 360.37 |
| 200437404 | 6.39 | 225.13 |
| 200437406 | 8.97 | 168.68 |
| 200437502 | 6.68 | 397.32 |
| 200437504 | 8.90 | 408.13 |
| 200437506 | 9.40 | 317.28 |
| 200437509 | 8.16 | 258.84 |
| 200437801 | 4.76 | 247.13 |
| 200437802 | 6.51 | 120.25 |
| 200437803 | 9.83 | 378.40 |
| 200438101 | 12.68 | 428.18 |
| 200438102 | 5.50 | 316.16 |
| 200438104 | 9.37 | 357.01 |
| 200438107 | 10.21 | 171.16 |
| 200438401 | 10.04 | 362.21 |
| 200438402 | 12.11 | 290.48 |
| 200438403 | 9.97 | 238.56 |
| 200438404 | 10.60 | 223.73 |
| 200438406 | 10.73 | 233.31 |

| Animal ID | Estradiol (pg/mL) | IGF-1 (ng/mL) |
|---|---|---|
| 200438408 | 12.80 | 336.29 |
| 200438501 | 14.40 | 394.85 |
| 200438505 | 13.25 | 606.67 |
| 200438511 | 14.56 | 361.86 |
| 200438513 | 12.24 | 238.07 |
| 200438602 | 13.76 | 392.03 |
| 200438603 | 9.38 | 196.28 |
| 200438604 | 7.20 | 295.92 |
| 200438605 | 12.86 | 223.85 |
| 200438606 | 11.18 | 124.03 |
| 200438607 | 8.26 | 196.31 |
| 200438608 | 9.33 | 82.24 |
| 200438609 | 12.17 | 216.17 |
| 200438610 | 9.85 | 253.93 |
| 200438611 | 4.93 | 158.64 |
| 200438701 | 7.57 | 277.13 |
| 200438703 | 8.81 | 177.07 |
| 200438705 | 7.90 | 487.31 |
| 200438707 | 13.45 | 274.60 |
| 200438709 | 5.64 | 390.63 |
| 200439202 | 10.50 | 231.46 |
| 200439204 | 13.87 | 399.85 |
| 200439205 | 12.43 | 397.10 |
| 200439206 | 6.72 | 616.30 |
| 200439210 | 30.67 | 284.42 |
| 200439401 | 9.04 | 3.04 |
| 200439404 | 8.15 | 280.34 |
| 200439406 | 3.16 | 280.25 |
| 200439501 | 7.38 | 307.22 |
| 200439502 | 9.18 | 360.53 |
| 200439503 | 8.46 | 377.64 |
| 200439504 | 8.76 | 282.87 |
| 200439505 | 8.18 | 355.53 |
| 200439901 | 8.34 | 268.01 |
| 200439902 | 11.48 | 177.21 |
| 200439903 | 10.21 | 225.60 |
| 200439904 | 4.90 | 117.95 |
| 200440602 | 7.87 | 248.26 |
| 200440605 | 10.34 | 470.35 |
| 200440903 | 11.85 | 234.02 |
| 200440907 | 8.82 | 247.11 |
| 200440909 | 10.78 | 282.74 |
| 200441201 | 10.35 | 347.53 |
| 200441202 | 8.85 | 296.02 |
| 200441203 | 13.90 | 88.16 |
| 200441205 | 10.49 | 170.93 |
| 200441207 | 8.09 | 200.26 |
| 200441209 | 9.80 | 252.21 |
| 200441211 | 11.46 | 189.10 |

| Total Number | Slaughter Order/Day | Marc Animal ID | Treatment | Slaughter Date | Glucose | Bilirubin | Ketone | Specific Gravity | Blood | pH | Protein | Urobilinogen | Nitrite | Leukocytes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 200433509 | Control | 13-Dec-2004 | 0 | 0 | 0 | 1.020 | 80 | 6.5 | 0.1 | 0 | 0 | 0 |
| 2 | 2 | 200437307 | Control | 13-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 3 | 3 | 200430508 | Control | 13-Dec-2004 | 0 | 0 | 0 | 1.030 | 0 | 6.0 | 0.3 | 0 | 0 | 0 |
| 4 | 4 | 200437301 | Control | 13-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 5 | 5 | 200433409 | Control | 13-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 6 | 6 | 200435309 | Control | 13-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 0.3 | 0 | 0 | 0 |
| 7 | 7 | 200430503 | Control | 13-Dec-2004 | 0 | 0 | 0 | 1.030 | 0 | 7.0 | 0.1 | 0 | 0 | 0 |
| 8 | 8 | 200433510 | Control | 13-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 0.1 | 0 | 0 | 0 |
| 9 | 9 | 200430709 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 10 | 10 | 200431505 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.025 | 0 | 6.5 | 0.1 | 0 | 0 | 0 |
| 11 | 11 | 200430706 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.030 | 10 | 7.0 | 0.1 | 0 | 0 | 0 |
| 12 | 12 | 200431408 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.025 | 0 | 6.5 | 0.1 | 0 | 0 | 0 |
| 13 | 13 | 200430906 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.030 | 0 | 7.0 | 0.3 | 0 | 0 | 0 |
| 14 | 14 | 200430707 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 15 | 15 | 200430604 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 0.1 | 0 | 0 | 0 |
| 16 | 16 | 200432405 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 17 | 17 | 200431411 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.015 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 18 | 18 | 200431006 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.025 | 0 | 6.5 | 0.1 | 0 | 0 | 0 |
| 19 | 19 | 200436009 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 20 | 20 | 200431502 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.0 | 0 | 0 | 0 |
| 21 | 21 | 200430711 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 22 | 22 | 200430710 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.010 | 10 | 7.5 | 0.1 | 0 | 0 | 0 |
| 23 | 23 | 200430805 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.015 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 24 | 24 | 200430902 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 6.5 | 0.0 | 0 | 0 | 0 |
| 25 | 25 | 200431608 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.0 | 0 | 0 | 0 |
| 26 | 26 | 200433605 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 27 | 27 | 200430905 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.015 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 28 | 28 | 200433807 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 29 | 29 | 200430804 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.010 | 10 | 7.5 | 0.0 | 0 | 0 | 0 |
| 30 | 30 | 200431404 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 31 | 31 | 200431009 | Clone | 13-Dec-2004 | 0 | 0 | 0 | 1.010 | 10 | 7.5 | 0.1 | 0 | 0 | 0 |
| 32 | 1 | 200432911 | Control | 15-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |

| Total Number | Slaughter Order/Day | Marc Animal ID | Treatment | Slaughter Date | Glucose | Bilirubin | Ketone | Specific Gravity | Blood | pH | Protein | Urobilinogen | Nitrite | Leukocytes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33 | 2 | 200434001 | Control | 15-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 34 | 3 | 200431802 | Control | 15-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 35 | 4 | 200434301 | Control | 15-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 36 | 5 | 200435303 | Control | 15-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 37 | 6 | 200437305 | Control | 15-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 38 | 7 | 200432609 | Control | 15-Dec-2004 | 0 | 0 | 0 | 1.015 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 39 | 8 | 200437303 | Control | 15-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 40 | 9 | 200434202 | Control | 15-Dec-2004 | 0 | 0 | 0 | 1.010 | 80 | 8.0 | 0.1 | 0 | 0 | 0 |
| 41 | 10 | 200433301 | Control | 15-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 42 | 11 | 200437506 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.010 | 10 | 7.5 | 0.1 | 0 | 0 | 0 |
| 43 | 12 | 200436011 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 44 | 13 | 200430708 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 45 | 14 | 200430705 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 46 | 15 | 200431606 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 47 | 16 | 200434507 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.030 | 80 | 6.0 | 0.1 | 0 | 0 | 0 |
| 48 | 17 | 200431504 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 49 | 18 | 200436012 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 50 | 19 | 200433601 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 51 | 20 | 200431008 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 52 | 21 | 200430609 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 53 | 22 | 200431501 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 54 | 23 | 200436909 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 55 | 24 | 200431407 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 56 | 25 | 200431405 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 57 | 26 | 200430605 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 58 | 27 | 200433201 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 59 | 28 | 200430607 | Clone | 15-Dec-2004 | 0 | 0 | 0 | 1.015 | 200 | 8.0 | 0.1 | 0 | 0 | 0 |
| 60 | 1 | 200431604 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 61 | 2 | 200433603 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 62 | 3 | 200432103 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 63 | 4 | 200430703 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 64 | 5 | 200437504 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |

| Total Number | Slaughter Order/Day | Marc Animal ID | Treatment | Slaughter Date | Glucose | Bilirubin | Ketone | Specific Gravity | Blood | pH | Protein | Urobilinogen | Nitrite | Leukocytes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | 6 | 200434512 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 66 | 7 | 200434403 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 67 | 8 | 200432704 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 0.3 | 0 | 0 | 0 |
| 68 | 9 | 200433711 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.010 | 80 | 8.0 | 0.3 | 0 | 0 | 0 |
| 69 | 10 | 200430903 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.030 | 0 | 7.0 | 0.3 | 0 | 0 | 0 |
| 70 | 11 | 200433205 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 1.0 | 0 | 0 | 0 |
| 71 | 12 | 200432004 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 72 | 13 | 200432404 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 73 | 14 | 200431003 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 74 | 15 | 200431406 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 75 | 16 | 200432108 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 76 | 17 | 200431610 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.005 | 10 | 8.0 | 0.3 | 0 | 0 | 0 |
| 77 | 18 | 200431011 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 78 | 19 | 200434402 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 79 | 20 | 200432310 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 80 | 21 | 200432308 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.010 | 200 | 8.0 | 1.0 | 0 | 0 | 0 |
| 81 | 22 | 200432406 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 82 | 23 | 200432706 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 83 | 24 | 200434601 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 84 | 25 | 200432705 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.005 | 10 | 8.0 | 0.3 | 0 | 0 | 0 |
| 85 | 26 | 200434401 | Clone | 20-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 86 | 1 | 200433505 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 87 | 2 | 200434206 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.025 | 10 | 7.5 | 3.0 | 0 | 0 | 0 |
| 88 | 3 | 200432602 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 89 | 4 | 200438511 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 90 | 5 | 200438408 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.020 | 10 | 8.0 | 3.0 | 0 | 0 | 0 |
| 91 | 6 | 200438513 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 92 | 7 | 200433405 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 93 | 8 | 200435302 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 94 | 9 | 200435311 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.025 | 200 | 7.5 | 0.3 | 0 | 0 | 0 |
| 95 | 10 | 200435407 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 96 | 11 | 200433512 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 0.3 | 0 | 0 | 0 |

| Total Number | Slaughter Order/Day | Marc Animal ID | Treatment | Slaughter Date | Glucose | Bilirubin | Ketone | Specific Gravity | Blood | pH | Protein | Urobilinogen | Nitrite | Leukocytes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 97 | 12 | 200434808 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 98 | 13 | 200432607 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 99 | 14 | 200430510 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.015 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 100 | 15 | 200431805 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 101 | 16 | 200434807 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 102 | 17 | 200433306 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 103 | 18 | 200434005 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.0 | 0 | 0 | 0 |
| 104 | 19 | 200432610 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 0.1 | 0 | 0 | 0 |
| 105 | 20 | 200435404 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 106 | 21 | 200433511 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 107 | 22 | 200433307 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 108 | 23 | 200434003 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 109 | 24 | 200433408 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 0.1 | 0 | 0 | 0 |
| 110 | 25 | 200432907 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 111 | 26 | 200432913 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.030 | 25 | 6.0 | 1.0 | 0 | 0 | 0 |
| 112 | 27 | 200432601 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.030 | 0 | 6.5 | 1.0 | 0 | 0 | 0 |
| 113 | 28 | 200434203 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 114 | 29 | 200434901 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.020 | 10 | 8.0 | 0.3 | 0 | 0 | 0 |
| 115 | 30 | 200434806 | Control | 21-Dec-2004 | 0 | 0 | 0 | 1.015 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 116 | 1 | 200431801 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 117 | 2 | 200435308 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.020 | 10 | 7.5 | 0.1 | 0 | 0 | 0 |
| 118 | 3 | 200434902 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.015 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 119 | 4 | 200436303 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 120 | 5 | 200438401 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 121 | 6 | 200435412 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 3.0 | 0 | 0 | 0 |
| 122 | 7 | 200438404 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.015 | 10 | 8.0 | 0.3 | 0 | 0 | 0 |
| 123 | 8 | 200436309 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 124 | 9 | 200438406 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 1.0 | 0 | 0 | 0 |
| 125 | 10 | 200437309 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.015 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 126 | 11 | 200434007 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 127 | 12 | 200440605 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 128 | 13 | 200438505 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |

| Total Number | Slaughter Order/Day | Marc Animal ID | Treatment | Slaughter Date | Glucose | Bilirubin | Ketone | Specific Gravity | Blood | pH | Protein | Urobilinogen | Nitrite | Leukocytes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 129 | 14 | 200434809 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.015 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 130 | 15 | 200439210 | Control | 27-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 131 | 16 | 200431704 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 80 | 8.0 | 0.1 | 0 | 0 | 0 |
| 132 | 17 | 200436010 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 133 | 18 | 200431703 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.015 | 80 | 8.0 | 0.3 | 0 | 0 | 0 |
| 134 | 19 | 200431706 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 135 | 20 | 200431403 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 136 | 21 | 200431401 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 137 | 22 | 200430802 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 138 | 23 | 200432402 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 139 | 24 | 200433803 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 140 | 25 | 200437404 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 141 | 26 | 200433602 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 142 | 27 | 200430704 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 143 | 28 | 200436402 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 144 | 29 | 200437802 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.030 | 0 | 6.5 | 0.1 | 0 | 0 | 0 |
| 145 | 30 | 200433206 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 146 | 31 | 200432105 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 147 | 32 | 200432702 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 148 | 33 | 200437801 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 149 | 34 | 200438107 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.015 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 150 | 35 | 200433809 | Clone | 27-Dec-2004 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 151 | 1 | 200435401 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 152 | 2 | 200433404 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 153 | 3 | 200439206 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.020 | 10 | 7.5 | 3.0 | 0 | 0 | 0 |
| 154 | 4 | 200432604 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.025 | 10 | 6.5 | 0.3 | 0 | 0 | 0 |
| 155 | 5 | 200434310 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 3.0 | 0 | 0 | 0 |
| 156 | 6 | 200434004 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 200 | 8.0 | 1.0 | 0 | 0 | 0 |
| 157 | 7 | 200435413 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.015 | 10 | 8.0 | 3.0 | 0 | 0 | 0 |
| 158 | 8 | 200440602 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.030 | 10 | 6.0 | 1.0 | 0 | 0 | 0 |
| 159 | 9 | 200432909 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.015 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 160 | 10 | 200439202 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |

| Total Number | Slaughter Order/Day | Marc Animal ID | Treatment | Slaughter Date | Glucose | Bilirubin | Ketone | Specific Gravity | Blood | pH | Protein | Urobilinogen | Nitrite | Leukocytes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 161 | 11 | 200434802 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 162 | 12 | 200434201 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.005 | 0 | 8.5 | 3.0 | 0 | 0 | 0 |
| 163 | 13 | 200439406 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 164 | 14 | 200435402 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 165 | 15 | 200435306 | Control | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 166 | 16 | 200432002 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 167 | 17 | 200432101 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.025 | 0 | 6.0 | 0.0 | 0 | 0 | 0 |
| 168 | 18 | 200432503 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 169 | 19 | 200431607 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.015 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 170 | 20 | 200433710 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.020 | 10 | 7.5 | 0.1 | 0 | 0 | 0 |
| 171 | 21 | 200436405 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 172 | 22 | 200432006 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.015 | 10 | 8.0 | 0.1 | 0 | 0 | 0 |
| 173 | 23 | 200430803 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.025 | 10 | 7.5 | 0.1 | 0 | 0 | 0 |
| 174 | 24 | 200436911 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 175 | 25 | 200433604 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 176 | 26 | 200432501 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 177 | 27 | 200433207 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 0.1 | 0 | 0 | 0 |
| 178 | 28 | 200432302 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.020 | 10 | 8.0 | 0.1 | 0 | 0 | 0 |
| 179 | 29 | 200433804 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.005 | 0 | 8.5 | 0.3 | 0 | 0 | 0 |
| 180 | 30 | 200435802 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.010 | 10 | 8.5 | 0.1 | 0 | 0 | 0 |
| 181 | 31 | 200433808 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.020 | 10 | 8.0 | 0.1 | 0 | 0 | 0 |
| 182 | 32 | 200430606 | Clone | 29-Dec-04 | 0 | 0 | 0 | 1.020 | 10 | 7.5 | 0.3 | 0 | 0 | 0 |
| 183 | 1 | 200433402 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 1.0 | 0 | 0 | 0 |
| 184 | 2 | 200433504 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 1.0 | 0 | 0 | 0 |
| 185 | 3 | 200430502 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 186 | 4 | 200433403 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.015 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 187 | 5 | 200436310 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.030 | 0 | 6.0 | 1.0 | 0 | 0 | 0 |
| 188 | 6 | 200438503 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.025 | 0 | 7.0 | 3.0 | 0 | 0 | 0 |
| 189 | 7 | 200440601 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.030 | 0 | 6.5 | 1.0 | 0 | 0 | 0 |
| 190 | 8 | 200435409 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.010 | 200 | 8.0 | 1.0 | 0 | 0 | 0 |
| 191 | 9 | 200434009 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.010 | 25 | 8.0 | 0.1 | 0 | 0 | 0 |
| 192 | 10 | 200440901 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.015 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |

| Total Number | Slaughter Order/Day | Marc Animal ID | Treatment | Slaughter Date | Glucose | Bilirubin | Ketone | Specific Gravity | Blood | pH | Protein | Urobilinogen | Nitrite | Leukocytes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 193 | 11 | 200440906 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 194 | 12 | 200433501 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.020 | 25 | 7.5 | 0.1 | 0 | 0 | 0 |
| 195 | 13 | 200430509 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.015 | 80 | 8.0 | 1.0 | 0 | 0 | 0 |
| 196 | 14 | 200436305 | Control | 3-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 197 | 15 | 200431012 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.020 | 25 | 7.5 | 0.3 | 0 | 0 | 0 |
| 198 | 16 | 200437501 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.010 | 80 | 8.0 | 1.0 | 0 | 0 | 0 |
| 199 | 17 | 200433203 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.030 | 0 | 6.0 | 0.1 | 0 | 0 | 0 |
| 200 | 18 | 200436006 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.020 | 25 | 8.0 | 3.0 | 0 | 0 | 0 |
| 201 | 19 | 200434608 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 1.0 | 0 | 0 | 0 |
| 202 | 20 | 200430608 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.005 | 10 | 8.0 | 0.3 | 0 | 0 | 0 |
| 203 | 21 | 200431007 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.005 | 80 | 8.0 | 0.0 | 0 | 0 | 0 |
| 204 | 22 | 200433806 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.030 | 10 | 6.5 | 0.3 | 0 | 0 | 0 |
| 205 | 23 | 200432007 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 206 | 24 | 200431402 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 207 | 25 | 200432104 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.015 | 10 | 8.0 | 0.3 | 0 | 0 | 0 |
| 208 | 26 | 200431409 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 209 | 27 | 200437510 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.010 | 25 | 7.5 | 0.3 | 0 | 0 | 0 |
| 210 | 28 | 200436404 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 211 | 29 | 200433712 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 212 | 30 | 200436610 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 0.1 | 0 | 0 | 0 |
| 213 | 31 | 200437804 | Clone | 3-Jan-05 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 0.3 | 0 | 0 | 0 |
| 214 | 1 | 200437302 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.030 | 80 | 6.5 | 1.0 | 0 | 0 | 0 |
| 215 | 2 | 200433507 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 200 | 7.5 | 1.0 | 0 | 0 | 0 |
| 216 | 3 | 200434306 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 217 | 4 | 200433503 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 218 | 5 | 200430501 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 219 | 6 | 200440603 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 1.0 | 0 | 0 | 0 |
| 220 | 7 | 200435410 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.030 | 0 | 6.0 | 0.1 | 0 | 0 | 0 |
| 221 | 8 | 200434008 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 3.0 | 0 | 0 | 0 |
| 222 | 9 | 200435411 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.020 | 10 | 7.0 | 0.3 | 0 | 0 | 0 |
| 223 | 10 | 200438706 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 224 | 11 | 200439208 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.020 | 200 | 7.5 | 1.0 | 0 | 0 | 0 |

| Total Number | Slaughter Order/Day | Marc Animal ID | Treatment | Slaughter Date | Glucose | Bilirubin | Ketone | Specific Gravity | Blood | pH | Protein | Urobilinogen | Nitrite | Leukocytes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 225 | 12 | 200440911 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.030 | 10 | 6.0 | 1.0 | 0 | 0 | 0 |
| 226 | 13 | 200435305 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.030 | 80 | 6.0 | 0.3 | 0 | 0 | 0 |
| 227 | 14 | 200433502 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 228 | 15 | 200435301 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 229 | 16 | 200434303 | Control | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 230 | 17 | 200431603 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 231 | 18 | 200433003 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.015 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 232 | 19 | 200432312 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.030 | 200 | 6.0 | 3.0 | 0 | 0 | 0 |
| 233 | 20 | 200432005 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.015 | 80 | 8.0 | 0.1 | 0 | 0 | 0 |
| 234 | 21 | 200436902 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.015 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 235 | 22 | 200436002 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 236 | 23 | 200431410 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 10 | 7.5 | 0.1 | 0 | 0 | 0 |
| 237 | 24 | 200432401 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 3.0 | 0 | 0 | 0 |
| 238 | 25 | 200432102 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 239 | 26 | 200436013 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.030 | 0 | 6.5 | 0.3 | 0 | 0 | 0 |
| 240 | 27 | 200432504 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 241 | 28 | 200438106 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 242 | 29 | 200432001 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 243 | 30 | 200438105 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 244 | 31 | 200431506 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 245 | 32 | 200437408 | Clone | 6-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 1.0 | 0 | 0 | 0 |
| 246 | 1 | 200433506 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 247 | 2 | 200434302 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 248 | 3 | 200434903 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 249 | 4 | 200435405 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.030 | 10 | 6.5 | 1.0 | 0 | 0 | 0 |
| 250 | 5 | 200434905 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.020 | 25 | 7.0 | 3.0 | 0 | 0 | 0 |
| 251 | 6 | 200432906 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.020 | 200 | 7.0 | 3.0 | 0 | 0 | 0 |
| 252 | 7 | 200435310 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.020 | 10 | 7.5 | 0.3 | 0 | 0 | 0 |
| 253 | 8 | 200438402 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.020 | 10 | 7.5 | 1.0 | 0 | 0 | 0 |
| 254 | 9 | 200438501 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 255 | 10 | 200434803 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 256 | 11 | 200432904 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |

| Total Number | Slaughter Order/Day | Marc Animal ID | Treatment | Slaughter Date | Glucose | Bilirubin | Ketone | Specific Gravity | Blood | pH | Protein | Urobilinogen | Nitrite | Leukocytes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 257 | 12 | 200434904 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 258 | 13 | 200430506 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 259 | 14 | 200435403 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 260 | 15 | 200434804 | Control | 10-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 261 | 16 | 200434509 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.020 | 25 | 7.0 | 0.3 | 0 | 0 | 0 |
| 262 | 17 | 200434607 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.0 | 0.3 | 0 | 0 | 0 |
| 263 | 18 | 200437502 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 264 | 19 | 200434504 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 265 | 20 | 200436007 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 266 | 21 | 200432407 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 267 | 22 | 200434501 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 268 | 23 | 200430610 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.020 | 80 | 7.5 | 0.3 | 0 | 0 | 0 |
| 269 | 24 | 200436608 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 6.5 | 0.1 | 0 | 0 | 0 |
| 270 | 25 | 200433002 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 271 | 26 | 200431701 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 272 | 27 | 200433202 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 273 | 28 | 200434503 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.025 | 0 | 6.0 | 0.1 | 0 | 0 | 0 |
| 274 | 29 | 200430701 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 1.0 | 0 | 0 | 0 |
| 275 | 30 | 200435801 | Clone | 10-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 276 | 1 | 200430504 | Control | 12-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 277 | 2 | 200434006 | Control | 12-Jan-05 | 0 | 0 | 0 | 1.025 | 200 | 6.5 | 1.0 | 0 | 0 | 0 |
| 278 | 3 | 200436312 | Control | 12-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 3.0 | 0 | 0 | 0 |
| 279 | 4 | 200432901 | Control | 12-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 280 | 5 | 200440903 | Control | 12-Jan-05 | 0 | 0 | 0 | 1.010 | 80 | 8.0 | 3.0 | 0 | 0 | 0 |
| 281 | 6 | 200434304 | Control | 12-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 6.5 | 0.3 | 0 | 0 | 0 |
| 282 | 7 | 200436913 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.005 | 10 | 8.0 | 1.0 | 0 | 0 | 0 |
| 283 | 8 | 200431702 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 284 | 9 | 200434502 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 285 | 10 | 200436912 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 6.0 | 0.1 | 0 | 0 | 0 |
| 286 | 11 | 200431004 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 287 | 12 | 200436603 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 288 | 13 | 200432403 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |

| Total Number | Slaughter Order/Day | Marc Animal ID | Treatment | Slaughter Date | Glucose | Bilirubin | Ketone | Specific Gravity | Blood | pH | Protein | Urobilinogen | Nitrite | Leukocytes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 289 | 14 | 200431605 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 290 | 15 | 200431010 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 291 | 16 | 200430611 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.030 | 10 | 6.0 | 0.1 | 0 | 0 | 0 |
| 292 | 17 | 200431002 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.015 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 293 | 18 | 200436005 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.005 | 80 | 8.0 | 0.3 | 0 | 0 | 0 |
| 294 | 19 | 200436606 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 295 | 20 | 200436602 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 296 | 21 | 200431601 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.000 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 297 | 22 | 200438104 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 298 | 23 | 200437406 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 299 | 24 | 200435803 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.005 | 200 | 8.0 | 1.0 | 0 | 0 | 0 |
| 300 | 25 | 200434511 | Clone | 12-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 0.1 | 0 | 0 | 0 |
| 301 | 1 | 200438707 | Control | 18-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 302 | 2 | 200440909 | Control | 18-Jan-05 | 0 | 0 | 0 | 1.030 | 0 | 6.0 | 1.0 | 0 | 0 | 0 |
| 303 | 3 | 200440907 | Control | 18-Jan-05 | 0 | 0 | 0 | 1.030 | 80 | 6.5 | 3.0 | 0 | 0 | 0 |
| 304 | 4 | 200433406 | Control | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 1.0 | 0 | 0 | 0 |
| 305 | 5 | 200433303 | Control | 18-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 306 | 6 | 200439205 | Control | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 307 | 7 | 200433302 | Control | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 308 | 8 | 200441202 | Control | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 1.0 | 0 | 0 | 0 |
| 309 | 9 | 200439902 | Control | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.0 | 0.1 | 0 | 0 | 0 |
| 310 | 10 | 200439903 | Control | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 200 | 7.5 | 0.1 | 0 | 0 | 0 |
| 311 | 11 | 200431708 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 200 | 8.0 | 3.0 | 0 | 0 | 0 |
| 312 | 12 | 200438607 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 313 | 13 | 200436604 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 3.0 | 0 | 0 | 0 |
| 314 | 14 | 200434101 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 315 | 15 | 200436607 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.015 | 200 | 7.5 | 1.0 | 0 | 0 | 0 |
| 316 | 16 | 200432507 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 317 | 17 | 200438610 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.025 | 0 | 6.5 | 0.1 | 0 | 0 | 0 |
| 318 | 18 | 200432008 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 319 | 19 | 200439505 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 320 | 20 | 200436901 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |

| Total Number | Slaughter Order/Day | Marc Animal ID | Treatment | Slaughter Date | Glucose | Bilirubin | Ketone | Specific Gravity | Blood | pH | Protein | Urobilinogen | Nitrite | Leukocytes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 321 | 21 | 200433007 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 322 | 22 | 200431503 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 0.1 | 0 | 0 | 0 |
| 323 | 23 | 200436001 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 324 | 24 | 200438101 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 325 | 25 | 200432304 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.025 | 0 | 6.5 | 0.1 | 0 | 0 | 0 |
| 326 | 26 | 200433709 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.030 | 0 | 6.0 | 0.1 | 0 | 0 | 0 |
| 327 | 27 | 200438602 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 328 | 28 | 200436905 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 329 | 29 | 200432003 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 0.3 | 0 | 0 | 0 |
| 330 | 30 | 200437803 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 0.3 | 0 | 0 | 0 |
| 331 | 31 | 200434606 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 332 | 32 | 200438609 | Clone | 18-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 6.5 | 0.1 | 0 | 0 | 0 |
| 333 | 1 | 200438705 | Control | 20-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 334 | 2 | 200433401 | Control | 20-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 335 | 3 | 200431803 | Control | 20-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 336 | 4 | 200438709 | Control | 20-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 337 | 5 | 200430507 | Control | 20-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 1.0 | 0 | 0 | 0 |
| 338 | 6 | 200434805 | Control | 20-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 7.5 | 1.0 | 0 | 0 | 0 |
| 339 | 7 | 200435304 | Control | 20-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 340 | 8 | 200439901 | Control | 20-Jan-05 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 0.1 | 0 | 0 | 0 |
| 341 | 9 | 200435307 | Control | 20-Jan-05 | 0 | 0 | 0 | 1.005 | 10 | 8.0 | 0.3 | 0 | 0 | 0 |
| 342 | 10 | 200433208 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.010 | 10 | 8.0 | 1.0 | 0 | 0 | 0 |
| 343 | 11 | 200439502 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.030 | 10 | 6.0 | 1.0 | 0 | 0 | 0 |
| 344 | 12 | 200438608 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.015 | 0 | 7.5 | 1.0 | 0 | 0 | 0 |
| 345 | 13 | 200433801 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 0.3 | 0 | 0 | 0 |
| 346 | 14 | 200430801 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 3.0 | 0 | 0 | 0 |
| 347 | 15 | 200436601 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 348 | 16 | 200430602 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 349 | 17 | 200436004 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 350 | 18 | 200436903 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 3.0 | 0 | 0 | 0 |
| 351 | 19 | 200433001 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 352 | 20 | 200433802 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.025 | 10 | 7.0 | 3.0 | 0 | 0 | 0 |

| Total Number | Slaughter Order/Day | Marc Animal ID | Treatment | Slaughter Date | Glucose | Bilirubin | Ketone | Specific Gravity | Blood | pH | Protein | Urobilinogen | Nitrite | Leukocytes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 353 | 21 | 200438611 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 354 | 22 | 200430702 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 355 | 23 | 200431602 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 356 | 24 | 200434602 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 357 | 25 | 200434109 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 358 | 26 | 200433010 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.015 | 10 | 8.0 | 0.1 | 0 | 0 | 0 |
| 359 | 27 | 200434104 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.015 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 360 | 28 | 200431005 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 361 | 29 | 200434107 | Clone | 20-Jan-05 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 362 | 1 | 200441205 | Control | 26-Jan-2005 | 0 | 0 | 0 | 1.030 | 10 | 6.0 | 0.3 | 0 | 0 | 0 |
| 363 | 2 | 200441211 | Control | 26-Jan-2005 | 0 | 0 | 0 | 1.015 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 364 | 3 | 200441203 | Control | 26-Jan-2005 | 0 | 0 | 0 | 1.030 | 0 | 6.0 | 0.3 | 0 | 0 | 0 |
| 365 | 4 | 200441201 | Control | 26-Jan-2005 | 0 | 0 | 0 | 1.025 | 0 | 6.5 | 1.0 | 0 | 0 | 0 |
| 366 | 5 | 200438701 | Control | 26-Jan-2005 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 367 | 6 | 200441209 | Control | 26-Jan-2005 | 0 | 0 | 0 | 1.030 | 0 | 6.0 | 0.3 | 0 | 0 | 0 |
| 368 | 7 | 200439904 | Control | 26-Jan-2005 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 1.0 | 0 | 0 | 0 |
| 369 | 8 | 200441207 | Control | 26-Jan-2005 | 0 | 0 | 0 | 1.030 | 0 | 6.0 | 0.3 | 0 | 0 | 0 |
| 370 | 9 | 200436301 | Control | 26-Jan-2005 | 0 | 0 | 0 | 1.010 | 0 | 7.0 | 0.1 | 0 | 0 | 0 |
| 371 | 10 | 200439204 | Control | 26-Jan-2005 | 0 | 0 | 0 | 1.005 | 0 | 7.5 | 3.0 | 0 | 0 | 0 |
| 372 | 11 | 200434603 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 373 | 12 | 200434113 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.015 | 0 | 8.0 | 20.0 | 0 | 0 | 0 |
| 374 | 13 | 200438606 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 375 | 14 | 200436401 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 376 | 15 | 200434111 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.015 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 377 | 16 | 200438603 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.200 | 0 | 7.0 | 0.1 | 0 | 0 | 0 |
| 378 | 17 | 200433011 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.030 | 10 | 6.0 | 0.3 | 0 | 0 | 0 |
| 379 | 18 | 200439504 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 380 | 19 | 200437402 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 381 | 20 | 200439501 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.010 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 382 | 21 | 200436008 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 383 | 22 | 200438605 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 384 | 23 | 200434605 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |

| Total Number | Slaughter Order/Day | Marc Animal ID | Treatment | Slaughter Date | Glucose | Bilirubin | Ketone | Specific Gravity | Blood | pH | Protein | Urobilinogen | Nitrite | Leukocytes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 385 | 24 | 200436003 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 3.0 | 0 | 0 | 0 |
| 386 | 25 | 200437509 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.010 | 200 | 8.0 | 1.0 | 0 | 0 | 0 |
| 387 | 26 | 200432506 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.015 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 388 | 27 | 200433204 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.020 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 389 | 28 | 200436612 | Clone | 26-Jan-2005 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 390 | 1 | 200438703 | Control | 2-Feb-2005 | 0 | 0 | 0 | 1.020 | 0 | 7.0 | 0.1 | 0 | 0 | 0 |
| 391 | 2 | 200439401 | Control | 2-Feb-2005 | 0 | 0 | 0 | 1.030 | 0 | 6.0 | 1.0 | 0 | 0 | 0 |
| 392 | 3 | 200431804 | Control | 2-Feb-2005 | 0 | 0 | 0 | 1.025 | 0 | 7.0 | 3.0 | 0 | 0 | 0 |
| 393 | 4 | 200439404 | Control | 2-Feb-2005 | 0 | 0 | 0 | 1.030 | 0 | 6.5 | 3.0 | 0 | 0 | 0 |
| 394 | 5 | 200438403 | Control | 2-Feb-2005 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 395 | 6 | 200439503 | Clone | 2-Feb-2005 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 396 | 7 | 200434102 | Clone | 2-Feb-2005 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 397 | 8 | 200430603 | Clone | 2-Feb-2005 | 0 | 0 | 0 | 1.005 | 0 | 8.5 | 1.0 | 0 | 0 | 0 |
| 398 | 9 | 200434604 | Clone | 2-Feb-2005 | 0 | 0 | 0 | 1.025 | 0 | 6.5 | 0.3 | 0 | 0 | 0 |
| 399 | 10 | 200438604 | Clone | 2-Feb-2005 | 0 | 0 | 0 | 1.005 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |
| 400 | 11 | 200434105 | Clone | 2-Feb-2005 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.1 | 0 | 0 | 0 |
| 401 | 12 | 200437401 | Clone | 2-Feb-2005 | 0 | 0 | 0 | 1.015 | 0 | 7.5 | 0.1 | 0 | 0 | 0 |
| 402 | 13 | 200432306 | Clone | 2-Feb-2005 | 0 | 0 | 0 | 1.015 | 0 | 7.5 | 0.3 | 0 | 0 | 0 |
| 403 | 14 | 200433708 | Clone | 2-Feb-2005 | 0 | 0 | 0 | 1.005 | 0 | 8.5 | 0.3 | 0 | 0 | 0 |
| 404 | 15 | 200438102 | Clone | 2-Feb-2005 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 0.3 | 0 | 0 | 0 |
| 405 | 16 | 200436403 | Clone | 2-Feb-2005 | 0 | 0 | 0 | 1.010 | 0 | 8.0 | 1.0 | 0 | 0 | 0 |

# Appendix G:

# Unpublished Data

# Appendix G: Unpublished Data

In July 2001, the Center issued a CVM Update requesting that clone producers not introduce meat or milk from clones or their progeny into food or feed until the Agency had time to complete a review of the safety of those food products. At that time, CVM also requested that clone producers submit data to the Center on the health of clones and their progeny, and on meat and milk composition of clones and progeny. Two large datasets were submitted by two companies: Cyagra, Inc. and ViaGen, Inc. Reviews of these data are provided in Appendices E and F, respectively. In addition, several small datasets were submitted to the Center, and included tables and reports of veterinarians and technicians for neonatal cattle and swine, as well as data on juvenile development, reproductive function and maturity in cattle. These data were originally included with Chapter V in the release of the Draft Risk Assessment on December 28, 2006, and are now presented in their entirety in this Appendix and reviewed below. One additional dataset has also been submitted by J.L. Edwards from the University of Tennessee, who also provided additional information in a teleconference on September 12, 2007.

## A. Perinatal Development in Cattle Clones (Node 2)

Body temperature, pulse and respiration rate data were submitted covering the first 72 hours of life for 19 clone calves of unknown breed(s) from a commercial cloning company (Table G-1).

Mean ± SD for body temperature, pulse and respiration at birth for the 19 calves were 103.0 ± 1.2 ˚ F, 95.2 ± 30.34 beats/min, and 53.9 ± 19.4 breaths/min, respectively. At 24 hours, means were 101.8 ± 0.7 ˚ F, 133.1 ± 19.2 beats/min, and 57.4 ± 21.1 breaths/min. At 48 hours, means were 102.0 ± 0.5 ˚ F, 135.8 ± 17.9 beats/min, and 56.1 ± 24.8 breaths/min. Values for one calf were not available for the 72 hour measurements, such that means and standard deviations represent 18 calves. Those values were 102.7 ± 0.7 ˚ F, 138.6 ± 19.3 beats/min, and 53.1 ± 20.9 breaths/min. Heart and respiration rates vary with age. Respiration rates in growing steers (age not specified) were noted to be 79 ± 3.2 breaths/min in one study (Nihsen et al. 2004). Breukelman et al. (2004) noted basal fetal heart rates in late gestation AI pregnancies to be 111.6 ± 1.4 beats/min. By comparison, basal heart rate of three week old heifer calves averaged 88.1 ± 4.04 beats/min (Van Reenen et al. 2005).

**Table G-1: Pulse, Respiration, and Body Temperature of Nineteen Cattle Clones of Unknown Breeds During the First 72 After Birth**

| Calf ID | Calving Date | Temperature (F) | | | | Pulse | | | | Respiration | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Birth | 24h | 48h | 72h | Birth | 24h | 48h | 72h | Birth | 24h | 48h | 72h |
| 1 | 2/12/2001 | 104.8 | 103 | 102.2 | 102.6 | 54 | 132 | 144 | 116 | 48 | 44 | 48 | 84 |
| 2 | 3/28/2001 | 101.2 | 101.7 | 101.7 | 101.8 | 120 | 114 | 138 | 138 | 36 | 42 | 42 | 36 |
| 3 | 4/10/2001 | 103 | 101.6 | 101.4 | 103.6 | 100 | 120 | 126 | 140 | 46 | 44 | 44 | 48 |
| 4 | 4/12/2001 | 104.3 | 101.2 | 101.6 | 102.6 | 64 | 120 | 132 | 140 | 30 | 48 | 44 | 36 |
| 5 | 4/13/2001 | 102.6 | 101.1 | 102 | 103.6 | 100 | 120 | 120 | 140 | 44 | 56 | 48 | 48 |
| 6 | 4/10/2001 | 102.9 | 101.5 | 102.3 | 102.5 | 116 | 144 | 128 | 126 | 68 | 54 | 56 | 39 |
| 7 | 4/11/2001 | 100.5 | 101.1 | 101.7 | 102.9 | 112 | 120 | 160 | 152 | 54 | 48 | 40 | 40 |
| 8 | 1/15/2002 | 102.4 | 102 | 101.8 | 102 | 60 | 144 | 140 | 128 | 60 | 48 | 28 | 20 |
| 9 | 1/30/2002 | 103.2 | 101.3 | 102 | 101.1 | 128 | 136 | 140 | 132 | 98 | 56 | 52 | 44 |
| 10 | 1/31/2002 | 105.2 | 101.5 | 101.6 | 102.2 | 150 | 140 | 140 | 115 | 36 | 32 | 24 | 40 |
| 11 | 1/29/2002 | 102.4 | 102 | 102.5 | 102.6 | 66 | 132 | 126 | 138 | 66 | 108 | 102 | 78 |
| 12 | 3/27/2002 | 102.5 | 102.5 | 102 | 102.4 | 60 | 192 | 104 | 156 | 60 | 54 | 40 | 56 |
| 13 | 3/21/2002 | 103.4 | 100.8 | 101.3 | 103 | 108 | 108 | 132 | 156 | 72 | 36 | 30 | 24 |
| 14 | 4/9/2002 | 103.9 | 101.3 | 102.1 | 102.9 | 40 | 114 | 120 | 120 | 24 | 80 | 84 | 72 |
| 15 | 4/4/2002 | 104 | 102.2 | 102.2 | | 90 | 132 | 180 | | 24 | 56 | 72 | |
| 16 | 5/1/2002 | 103.4 | 101.3 | 102.4 | 103 | 90 | 120 | 120 | 102 | 50 | 48 | 68 | 68 |
| 17 | 4/30/2002 | 101.3 | 103.2 | 101.5 | 102 | 120 | 140 | 120 | 180 | 78 | 88 | 64 | 66 |
| 18 | 11/11/2002 | 103.3 | 103.1 | 103.2 | 103.4 | 100 | 150 | 150 | 160 | 70 | 100 | 120 | 60 |
| 19 | 11/12/2002 | 102 | 101.6 | 101.8 | 103.8 | 130 | 150 | 160 | 156 | 60 | 48 | 60 | 96 |

The birth records of two Holstein heifer clones were submitted by a private cloning firm. Both heifers were delivered by C-section. One calf was a breech position (posterior presentation with hind limbs under body); the other calf was in a normal posterior position, with hind limbs extended. The placentae of these calves were described as normal, with some large and some small placentomes described for one placenta. Calves were described as normal, weighing 45 and 47.7 kg each at time of delivery. Both calves had normal umbilici. Some fluid was noted in the lungs of both calves, but they were described as breathing normally, and although some meconium staining was noted, there was no indication that meconium had been inhaled. Body temperatures were 100 and 102.6˚F, slightly below and above the average temperature for cattle. Blood glucose, packed cell volume (PCV), blood total protein, and IgG concentrations were monitored for the first 23 to 27 hours after birth (Table G-2). Blood glucose was low for both calves prior to first feeding, then increased to normal levels by the second feeding. Total protein also increased steadily following feeding, and IgG levels were listed as "> 10" after the first colostrum feeding. The units for IgG measurements were not provided, and PCV values were the

only hematology data provided, so these data are difficult to interpret. Total protein and serum glucose values are comparable to age-matched non-clone cattle in the Cyagra dataset by the second post-feeding blood sample.

**Table G-2: Reported blood values for Two Holstein Heifer Clones**

| | Calf 1 | | | Calf 2 | | |
|---|---|---|---|---|---|---|
| | **Pre-feeding** | **1st feeding** | **2nd feeding** | **Pre-feeding** | **1st feeding** | **2nd feeding** |
| Glucose | 20 | 35 | 93 | 21 | 29 | 83 |
| PCV | 29 | 28 | 25 | 30 | 33 | 29 |
| Total Protein | 5 | 5.3 | 7.5 | 4.8 | 5.0 | 6.0 |
| IgG | N/A | >10 | >10 | N/A | >10 | >10 |

## B. Juvenile Development in Cattle Clones (Node 3)

A private veterinary clinic submitted hematology and clinical chemistry data on three bull clones, ranging in age from 5 to 7 months at the time of the first sampling. Animals were sampled a total of three times within a six week period. Most variables measured were within the reference range used by the diagnostic lab conducting the tests (Marshfield Laboratories, Marshfield, WI). Values outside the reference range for the testing laboratory are listed in Tables G-3 a, b, and c.

CVM contacted Marshfield Laboratories on September 21, 2005, regarding the source of their reference range. According to the laboratory, the reference range for hematology and clinical chemistry was established on blood samples taken from female dairy animals between 1 and 8 years of age. As discussed in Appendix E, it is important that the selected reference range is appropriate to the animals being tested. In this case, the use of a reference range established using post-pubertal, near-adult and adult females may not provide an appropriate comparison for pre-pubertal, rapidly growing males. As no contemporary comparator animals were sampled, other published reference ranges (Meyer and Harvey 2004; Green 1998; Duncan and Prasse 2003) were used for cross-comparison. Results indicated that one clone (Clone #3) on the second sampling date had one analyte that was outside any of the reference ranges used. For Clone #3, cholesterol was low on October 13. However, all of this animal's hematology and clinical chemistry values were considered within published ranges on the third sampling date, approximately two weeks later. Because serum cholesterol can be affected by diet and time since the last meal, the single low value for this animal was judged not to be biologically relevant.

**Table G-3a: Hematology and Clinical Chemistry for Three Holstein Bulls (Bull #1)**

| | | | | | | | | RMIN | RMAX | Units |
|---|---|---|---|---|---|---|---|---|---|---|
| **Date Section 1 Collected** | | | **9/22/03** | | **10/13/03** | | **10/27/03** | | | |
| Hemogram-Vet (VCLT) | | | | | | | | | | |
| | Red Blood Cell Count | . | 7.03 | | | | | 5 | 10 | x 10^6/uL |
| | Hemoglobin | . | 9.10 | | | | | 8 | 15 | g/dL |
| | Hematocrit | . | 29.00 | | | | | 24 | 46 | % |
| | Mean Corpuscular Volume | . | 41.20 | | | | | 40 | 60 | fL |
| | Mean Corpuscular Hemoglobin | . | 12.90 | | | | | 11 | 17 | pg |
| | Mean Corpuscular Hgb Conc. | . | 31.40 | | | | | 30 | 36 | g/dL |
| | Red Cell Distribution Width | L | 21.60 | | | | | 26 | 30 | % |
| | Platelet Count | H | 720.00 | | | | | 230 | 690 | x 10^3/uL |
| | White Blood Cell Count | . | 5.30 | | | | | 4 | 12 | x 10^3/uL |
| | Seg. Neutrophil Absolute # | . | 1.64 | | | | | 0.6 | 4 | x 10^3/uL |
| | Banded Neutrophil Absolute # | . | 0.00 | | | | | 0 | 0.12 | x 10^3/uL |
| | Lymphocyte Absolute # | . | 3.39 | | | | | 2.5 | 7.5 | x 10^3/uL |
| | Act Lymphocyte Absolute # | . | 0.00 | | | | | | | x 10^3/uL |
| | Monocyte Absolute # | . | 0.16 | | | | | 0.03 | 0.84 | x 10^3/uL |
| | Eosinophil Absolute # | . | 0.11 | | | | | 0 | 2.4 | x 10^3/uL |
| | Basophil Absolute # | . | 0.00 | | | | | 0 | 0.2 | x 10^3/uL |
| | Other Absolute # | . | 0.00 | | | | | 0 | 0 | x 10^3/uL |
| | Blast Absolute # | | 0.00 | | | | | | | x 10^3/uL |
| | Promyelocyte Absolute # | | 0.00 | | | | | | | x 10^3/uL |
| | Myelocyte Absolute # | | 0.00 | | | | | | | x 10^3/uL |
| | Metamyelocyte Absolute # | | 0.00 | | | | | | | x 10^3/uL |
| Differential, Vet. (VDIF) | | | | | | | | | | |
| | Segmented Neutrophils | | 31 | | | | | | | % |
| | Lymphocytes | | 64 | | | | | | | % |
| | Monocytes | | 3 | | | | | | | % |
| | Eosinophils | | 2 | | | | | | | % |
| | Basophils | | | | | | | | | % |

**Table G-3a: Hematology and Clinical Chemistry for Three Holstein Bulls (Bull #1)**

| | | | | | | | | RMIN | RMAX | Units |
|---|---|---|---|---|---|---|---|---|---|---|
| **Date Section 1 Collected** | | | **9/22/03** | | **10/13/03** | | **10/27/03** | | | |
| | Poikilocytosis / polychromasia? | | no | | | | | | | |
| | Glucose | L | 47.0 | . | 78.0 | H | 87.0 | 55 | 79 | mg/dL |
| | AST (GOT) | . | 79.0 | L | 56.0 | . | 69.0 | 57 | 108 | U/L |
| | SDH | . | 12.8 | . | 13.3 | . | 15.8 | 12.2 | 46 | U/L |
| | Total Bilirubin | . | 0.1 | . | 0.1 | . | 0.1 | 0.1 | 0.4 | mg/dL |
| | Cholesterol | L | 95.0 | L | 90.0 | L | 95.0 | 112 | 331 | mg/dL |
| | Total Protein | . | 6.8 | . | 7.6 | . | 7.2 | 6.3 | 8.5 | g/dL |
| | Albumin | . | 3.4 | . | 3.5 | . | 3.5 | 3.2 | 4.3 | g/dL |
| | Urea N | . | 12.0 | L | 7.0 | . | 8.0 | 8 | 22 | mg/dL |
| | Creatinine | L | 0.5 | . | 0.6 | L | 0.5 | 0.6 | 1.4 | mg/dL |
| | Phosphorous | . | 9.0 | . | 8.3 | . | 8.6 | 4.4 | 9.2 | mg/dL |
| | Calcium | . | 10.5 | . | 10.1 | . | 10.5 | 7.9 | 10.5 | mg/dL |
| | Sodium | . | 143.0 | . | 150.0 | . | 145.0 | 140 | 151 | mmol/L |
| | Potassium | . | 5.2 | . | 4.8 | . | 5.1 | 3.7 | 5.6 | mmol/L |
| | Chloride | . | 100.0 | H | 110.0 | . | 102.0 | 100 | 109 | mmol/L |
| | Bicarbonate | . | 25.0 | . | 25.0 | . | 29.0 | 22 | 29 | mmol/L |
| | CK | . | 221.0 | . | 190.0 | . | 157.0 | 50 | 271 | U/L |
| | GGT | . | 19.0 | . | 14.0 | . | 13.0 | 12 | 30 | U/L |
| | Anion Gap | H | 23.0 | . | 20.0 | . | 19.0 | 13.6 | 21.6 | mmol/L |
| | Hemolysis/lipemia? | | no | | no | | no | | | |

**Table G-3b: Hematology and Clinical Chemistry for Three Holstein Bulls (Bull #1)**

| | | | | | | | | RMIN | RMAX | Units |
|---|---|---|---|---|---|---|---|---|---|---|
| **Date Section 1 Collected** | | | **9/22/03** | | **10/13/03** | | **10/27/03** | | | |
| Hemogram-Vet (VCLT) | | | | | | | | | | |
| | Red Blood Cell Count | . | 7.83 | | | | | 5 | 10 | x 10^6/uL |
| | Hemoglobin | . | 9.90 | | | | | 8 | 15 | g/dL |
| | Hematocrit | . | 31.20 | | | | | 24 | 46 | % |
| | Mean Corpuscular Volume | L | 39.80 | | | | | 40 | 60 | fL |
| | Mean Corpuscular Hemoglobin | . | 12.60 | | | | | 11 | 17 | pg |
| | Mean Corpuscular Hgb Conc. | . | 31.70 | | | | | 30 | 36 | g/dL |

**Table G-3b: Hematology and Clinical Chemistry for Three Holstein Bulls (Bull #1)**

| | | | | | | | | RMIN | RMAX | Units |
|---|---|---|---|---|---|---|---|---|---|---|
| **Date Section 1 Collected** | | | **9/22/03** | | **10/13/03** | | **10/27/03** | | | |
| | Red Cell Distribution Width | L | 21.60 | | | | | 26 | 30 | % |
| | Platelet Count | H | 769.00 | | | | | 230 | 690 | x 10^3/uL |
| | White Blood Cell Count | . | 10.10 | | | | | 4 | 12 | x 10^3/uL |
| | Seg. Neutrophil Absolute # | . | 2.63 | | | | | 0.6 | 4 | x 10^3/uL |
| | Banded Neutrophil Absolute # | . | 0.00 | | | | | 0 | 0.12 | x 10^3/uL |
| | Lymphocyte Absolute # | . | 6.87 | | | | | 2.5 | 7.5 | x 10^3/uL |
| | Act Lymphocyte Absolute # | . | 0.00 | | | | | | | x 10^3/uL |
| | Monocyte Absolute # | . | 0.20 | | | | | 0.03 | 0.84 | x 10^3/uL |
| | Eosinophil Absolute # | . | 0.10 | | | | | 0 | 2.4 | x 10^3/uL |
| | Basophil Absolute # | H | 0.30 | | | | | 0 | 0.2 | x 10^3/uL |
| | Other Absolute # | . | 0.00 | | | | | 0 | 0 | x 10^3/uL |
| | Blast Absolute # | | 0.00 | | | | | | | x 10^3/uL |
| | Promyelocyte Abs. # | | 0.00 | | | | | | | x 10^3/uL |
| | Myelocyte Absolute # | | 0.00 | | | | | | | x 10^3/uL |
| | Metamyelocyte Abs. # | | 0.00 | | | | | | | x 10^3/uL |
| Differential, Vet. (VDIF) | | | | | | | | | | |
| | Segmented Neutrophils | | 26 | | | | | | | % |
| | Lymphocytes | | 68 | | | | | | | % |
| | Monocytes | | 2 | | | | | | | % |
| | Eosinophils | | 1 | | | | | | | % |
| | Basophils | | 3 | | | | | | | % |
| | Poikilocytosis / polychromasia? | | no | | | | | | | |
| | Glucose | L | 4.0 | . | 76.0 | H | 88.0 | 55 | 79 | mg/dL |
| | AST (GOT) | . | 71.0 | L | 46.0 | . | 69.0 | 57 | 108 | U/L |
| | SDH | L | 11.2 | L | 7.3 | . | 16.7 | 12.2 | 46 | U/L |
| | Total Bilirubin | . | 0.2 | . | 0.1 | . | 0.1 | 0.1 | 0.4 | mg/dL |
| | Cholesterol | L | 88.0 | L | 83.0 | L | 86.0 | 112 | 331 | mg/dL |
| | Total Protein | . | 7.5 | . | 7.8 | . | 7.6 | 6.3 | 8.5 | g/dL |
| | Albumin | . | 3.7 | . | 3.4 | . | 3.6 | 3.2 | 4.3 | g/dL |
| | Urea N | . | 10.0 | . | 8.0 | . | 13.0 | 8 | 22 | mg/dL |
| | Creatinine | L | 0.5 | L | 0.5 | . | 0.6 | 0.6 | 1.4 | mg/dL |
| | Phosphorous | . | 7.8 | . | 7.3 | . | 8.4 | 4.4 | 9.2 | mg/dL |

**Table G-3b: Hematology and Clinical Chemistry for Three Holstein Bulls (Bull #1)**

| | | | | | | | | RMIN | RMAX | Units |
|---|---|---|---|---|---|---|---|---|---|---|
| **Date Section 1 Collected** | | | **9/22/03** | | **10/13/03** | | **10/27/03** | | | |
| | Calcium | H | 10.6 | . | 9.7 | . | 9.5 | 7.9 | 10.5 | mg/dL |
| | Sodium | . | 142.0 | . | 144.0 | . | 145.0 | 140 | 151 | mmol/L |
| | Potassium | . | 5.3 | . | 4.6 | . | 4.4 | 3.7 | 5.6 | mmol/L |
| | Chloride | . | 101.0 | . | 104.0 | . | 103.0 | 100 | 109 | mmol/L |
| | Bicarbonate | . | 24.0 | . | 27.0 | . | 28.0 | 22 | 29 | mmol/L |
| | CK | . | 234.0 | . | 172.0 | . | 179.0 | 50 | 271 | U/L |
| | GGT | . | 14.0 | . | 13.0 | . | 15.0 | 12 | 30 | U/L |
| | Anion Gap | H | 22.0 | . | 18.0 | . | 18.0 | 13.6 | 21.6 | mmol/L |
| | Hemolysis / lipemia? | | no | | no | | no | | | |

**Table G-3c: Hematology and Clinical Chemistry for Three Holstein Bulls (Bull #1)**

| | | | | | | | | RMIN | RMAX | Units |
|---|---|---|---|---|---|---|---|---|---|---|
| **Date Section 1 Collected** | | | **9/22/03** | | **10/13/03** | | **10/27/03** | | | |
| Hemogram-Vet (VCLT) | | | | | | | | | | |
| | Red Blood Cell Count | . | 7.41 | | | | | 5 | 10 | x 10^6/uL |
| | Hemoglobin | . | 10.10 | | | | | 8 | 15 | g/dL |
| | Hematocrit | . | 31.10 | | | | | 24 | 46 | % |
| | Mean Corpuscular Volume | . | 41.90 | | | | | 40 | 60 | fL |
| | Mean Corpuscular Hemoglobin | . | 13.70 | | | | | 11 | 17 | pg |
| | Mean Corpuscular Hgb Conc. | . | 32.60 | | | | | 30 | 36 | g/dL |
| | Red Cell Distribution Width | L | 21.90 | | | | | 26 | 30 | % |
| | Platelet Count | . | 461.00 | | | | | 230 | 690 | x 10^3/uL |
| | White Blood Cell Count | . | 4.80 | | | | | 4 | 12 | x 10^3/uL |
| | Seg. Neutrophil Absolute # | . | 1.87 | | | | | 0.6 | 4 | x 10^3/uL |
| | Banded Neutrophil Absolute # | . | 0.00 | | | | | 0 | 0.12 | x 10^3/uL |
| | Lymphocyte Absolute # | . | 2.59 | | | | | 2.5 | 7.5 | x 10^3/uL |
| | Act Lymphocyte Abs. # | . | 0.00 | | | | | | | x 10^3/uL |
| | Monocyte Absolute # | . | 0.19 | | | | | 0.03 | 0.84 | x 10^3/uL |
| | Eosinophil Absolute # | . | 0.10 | | | | | 0 | 2.4 | x 10^3/uL |
| | Basophil Absolute # | . | 0.05 | | | | | 0 | 0.2 | x 10^3/uL |

**Table G-3c: Hematology and Clinical Chemistry for Three Holstein Bulls (Bull #1)**

| | | | | | | | | RMIN | RMAX | Units |
|---|---|---|---|---|---|---|---|---|---|---|
| **Date Section 1 Collected** | | | **9/22/03** | | **10/13/03** | | **10/27/03** | | | |
| | Other Absolute # | . | 0.00 | | | | | 0 | 0 | x 10^3/uL |
| | Blast Absolute # | | 0.00 | | | | | | | x 10^3/uL |
| | Promyelocyte Abs. # | | 0.00 | | | | | | | x 10^3/uL |
| | Myelocyte Absolute # | | 0.00 | | | | | | | x 10^3/uL |
| | Metamyelocyte Abs. # | | 0.00 | | | | | | | x 10^3/uL |
| Differential, Vet. (VDIF) | | | | | | | | | | |
| | Segmented Neutrophils | | 39 | | | | | | | % |
| | Lymphocytes | | 54 | | | | | | | % |
| | Monocytes | | 4 | | | | | | | % |
| | Eosinophils | | 2 | | | | | | | % |
| | Basophils | | 1 | | | | | | | % |
| | Poikilocytosis / polychromasia? | | no | | | | | | | |
| | Glucose | L | 52.0 | . | 76.0 | H | 84.0 | 55 | 79 | mg/dL |
| | AST (GOT) | . | 72.0 | L | 53.0 | . | 81.0 | 57 | 108 | U/L |
| | SDH | L | 9.7 | L | 10.1 | . | 18.6 | 12.2 | 46 | U/L |
| | Total Bilirubin | . | 0.2 | . | 0.1 | . | 0.2 | 0.1 | 0.4 | mg/dL |
| | Cholesterol | L | 85.0 | L | 80.0 | L | 87.0 | 112 | 331 | mg/dL |
| | Total Protein | . | 6.6 | . | 7.4 | . | 7.4 | 6.3 | 8.5 | g/dL |
| | Albumin | . | 3.6 | . | 3.4 | . | 3.3 | 3.2 | 4.3 | g/dL |
| | Urea N | . | 10.0 | . | 8.0 | . | 8.0 | 8 | 22 | mg/dL |
| | Creatinine | L | 0.5 | . | 0.6 | L | 0.5 | 0.6 | 1.4 | mg/dL |
| | Phosphorous | . | 8.8 | . | 8.1 | . | 9.0 | 4.4 | 9.2 | mg/dL |
| | Calcium | H | 10.7 | . | 9.7 | . | 10.1 | 7.9 | 10.5 | mg/dL |
| | Sodium | . | 143.0 | . | 145.0 | . | 144.0 | 140 | 151 | mmol/L |
| | Potassium | . | 4.9 | . | 4.9 | . | 5.1 | 3.7 | 5.6 | mmol/L |
| | Chloride | L | 99.0 | . | 105.0 | . | 101.0 | 100 | 109 | mmol/L |
| | Bicarbonate | . | 26.0 | . | 26.0 | . | 29.0 | 22 | 29 | mmol/L |
| | CK | . | 179.0 | . | 134.0 | . | 172.0 | 50 | 271 | U/L |
| | GGT | . | 15.0 | . | 16.0 | . | 17.0 | 12 | 30 | U/L |
| | Anion Gap | H | 23.0 | . | 19.0 | . | 19.0 | 13.6 | 21.6 | mmol/L |
| | Hemolysis / lipemia? | | no | | no | | no | | | |

## C. Reproductive Development and Function in Cattle Clones (Node 4)

In response to CVM's request for additional data on reproductive maturity of clones, results were submitted on semen evaluations of four post-pubertal bull clones. Semen was collected by a commercial reproduction service, from May 15, 2003 through June 19, 2003. Age of the bulls at time of sampling was not recorded. Bulls were collected three times daily, approximately every three days during the observation period. Data consists of hand-written notes provided by the technician, and includes information on semen volume, concentration, and percentage of normal sperm in samples. Sperm motility was not presented in these reports. Percent normal sperm was not assessed in all samples. A summary of the results (means, minimum and maximums) is in Table G-4. The complete table (Table G-10) is presented at the end of this Appendix. Because the original data was sent as a fax and difficult to read, some of the hand written notes may not be accurately transcribed. CVM attempted but was unable to establish contact with the service to clarify these notes.

**Table G-4: Summary results of semen evaluation of four bull clones.**

| Clone # | Volume (ml) | | | Concentration ($x10^6$) | | | Normal Sperm (%) | | |
|---|---|---|---|---|---|---|---|---|---|
| | mean | max | min | mean | max | min | mean | max | min |
| 1 | 4.1 | 4.9 | 3.0 | 169.5 | 100 | 276 | 5.0 | 8.0 | 2.0 |
| 2 | 3.8 | 6.5 | 3.0 | 686.7 | 1870 | 307 | 51.0 | 71.0 | 25.0 |
| 3 | 5.0 | 7.9 | 3.5 | 712.1 | 1581 | 396 | 69.5 | 76.0 | 62.0 |
| 4 | 4.6 | 6.9 | 3.0 | 730 | 1649 | 73 | 63.9 | 80.0 | 54.0 |

Reference ranges differ somewhat, but in general normal ranges for ejaculate volume are from 4 to 15 mL, sperm concentrations from 800 to 1200 x $10^6$ sperm/mL, and percent normal sperm range from 65 to 95 percent for bulls (Sorenson 1979; Beardon and Fuquay 1980; Hafez and Hafez 2000). Based on these data, unless Clone #1 was very young, he likely would have failed a breeding soundness exam, due to the very low concentration and percentage of normal sperm in the samples. Clone #2 might be considered marginal, and depending on other, unrecorded variables such as motility, and the perceived value of his genetics might have been judged acceptable. The other two clones appear to have acceptable semen, based on the limited data presented.

In 2003, Galli et al. (unpublished) presented data to CVM on three clones of a Holstein bull as a follow-up to their 2002 study on cloning (Table G-5). Scrotal circumferences of two of the clones (Clones 1 and 2) were similar to the expected range for bulls 18-24 months old (31 and 33 cm, respectively, at 22 months old vs. 32-33 cm for 18 to 24 month old bulls). Semen quality measurements on two of the clones (Clones 2 and 3) were also considered within the normal

range for young bulls, although only data on volume (5.27 and 3.35 ml) and sperm concentration (691 and 736 million/ml) were presented.

**Table G-5: Scrotal circumference and semen production of clones from Galli et al. 2003 unpublished data.**

| | Scrotal Circumference (cm) | Collections (#)[1] | Ejaculates (#) | Average volume (ml) | Concentration ($x10^6$/ml) |
|---|---|---|---|---|---|
| Clone 1 | 31 | | | | |
| Clone 2 | 33 | 17 | 32 | 5.27 | 691 |
| Clone 3 | | 11 | 19 | 3.35 | 736 |

[1] Semen was collected at irregular intervals

Semen with ≥ 50 percent motility were frozen and thawed. Post thaw motility averaged > 40 percent. Semen from Clone # 2 resulted in a 75 percent *in vitro* fertilization rate. Semen from this clone was also used to test AI pregnancy rates on four farms. The total number of cows bred (n = 63) was small, and no contemporaneous comparator was used, so the value of this data is limited, and effects of individual farm management cannot be assessed. With these caveats in mind, the results of these tests by farm are presented in Table G-6.

**Table G-6: Artificial insemination results for one clone bull (from Galli et al. 2003 unpublished data).**

| Farm | Cows bred | Cows pregnant | Pregnancies lost | Pregnancy rate % | Loss rate % |
|---|---|---|---|---|---|
| 1 | 30* | 22 | 2 | 73 | 9 |
| 2 | 20 | 10 | 0 | 50 | 0 |
| 3 | 3 | 1 | 0 | 33 | 0 |
| 4 | 10 | 8 | 0 | 80 | 0 |
| total | 63 | 41 | 2 | 65 | 5 |

*Results for two rounds of insemination were presented. It is not clear whether any of the individual cows were bred twice.

Pregnancy rates to AI in cattle vary considerably, and are affected by multiple factors, such as the ability of farm personnel to detect cows in heat, appropriate timing of insemination relative to the onset of heat, and environmental, production and nutritional factors. Studies in U.S. dairy cattle indicate that overall pregnancy rates to first AI are 40 percent or less (Lucy 2001; El-Zarkouny et al. 2004). Given the small number of cows in this study, and the lack of a contemporaneous comparator to assess the influence of farm, definitive conclusions are not possible. However, overall pregnancy rates to this bull clone do not appear worse than the U.S. average.

## D. Post-pubertal Maturation in Cattle Clones (Node 5)

In response to CVM's request for data concerning this developmental node, data on two heifer clones, approximately 14 months old, was submitted to CVM (see Table G-7).
These data consist of Certificates of Veterinary Inspection, results of serological testing for Bovine Leucosis Virus (BLV), Bovine Viral Diarrhea (BVD), and hematology from the state of Wisconsin. Both heifers tested negative for BLV and BVD. According to the hematology report, both heifers had red cell distribution widths (RDW) slightly below the reference range used by the testing laboratory (22.4 and 24.0 vs. range of 26.0-30.0 percent). As discussed in Appendix E for Cyagra clones, RDW is only indicative of a health problem (anemia) when coupled with primary indicators such as low red blood cell count (RBC), hemoglobin and/or hematocrit. As all other hematology values were within the reference range, there is no evidence to indicate an underlying health problem in these animals.

**Table G-7: Hematology and Clinical Chemistry for Two Holstein Heifer Clones**

| | | | Heifer #1 | | Heifer #2 | RMIN | RMAX | Units |
|---|---|---|---|---|---|---|---|---|
| **Date Collected** | | | **12/10/2000** | | **12/11/2001** | | | |
| Hemogram-Vet | | | | | | | | |
| | Red Blood Cell Count | . | 7.43 | . | 7.81 | 5 | 10 | x 10^6/uL |
| | Hemoglobin | . | 11 | . | 11.7 | 8 | 15 | g/dL |
| | Hematocrit | . | 30.6 | . | 32.7 | 24 | 46 | % |
| | Mean Corpuscular Volume | . | 41.2 | . | 41.8 | 40 | 60 | fL |
| | Mean Corpuscular Hemoglobin | . | 14.8 | . | 15 | 11 | 17 | pg |
| | Mean Corpuscular Hgb Conc. | . | 35.9 | . | 35.9 | 30 | 36 | g/dL |
| | Red Cell Distribution Width | L | 22.4 | L | 24 | 26 | 30 | % |
| | Platelet Count | . | 449 | . | 322 | 230 | 690 | x 10^3/uL |
| | White Blood Cell Count | . | 7.1 | . | 7.2 | 4 | 12 | x 10^3/uL |
| | Seg. Neutrophil Absolute # | . | 1.99 | . | 1.66 | 0.6 | 4 | x 10^3/uL |
| | Banded Neutrophil Absolute # | . | 0 | . | 0 | 0 | 0.12 | x 10^3/uL |
| | Lymphocyte Absolute # | . | 3.91 | . | 4.39 | 2.5 | 7.5 | x 10^3/uL |
| | Act Lymphocyte Absolute # | . | 0 | . | 0 | | | x 10^3/uL |
| | Monocyte Absolute # | . | 0.78 | . | 0.72 | 0.03 | 0.84 | x 10^3/uL |
| | Eosinophil Absolute # | . | 0.43 | . | 0.36 | 0 | 2.4 | x 10^3/uL |
| | Basophil Absolute # | . | 0 | . | 0.07 | 0 | 0.2 | x 10^3/uL |

**Table G-7: Hematology and Clinical Chemistry for Two Holstein Heifer Clones**

| | | | Heifer #1 | | Heifer #2 | RMIN | RMAX | Units |
|---|---|---|---|---|---|---|---|---|
| **Date Collected** | | | **12/10/2000** | | **12/11/2001** | | | |
| | Other Absolute # | . | 0 | . | 0 | 0 | 0 | x 10^3/uL |
| | Blast Absolute # | | 0 | | 0 | | | x 10^3/uL |
| | Promyelocyte Absolute # | | 0 | | 0 | | | x 10^3/uL |
| | Myelocyte Absolute # | | 0 | | 0 | | | x 10^3/uL |
| | Metamyelocyte Absolute #s | | 0 | | 0 | | | x 10^3/uL |
| Differential, Vet. | | | | | | | | |
| | Segmented Neutrophils | | 28 | | 23 | | | % |
| | Lymphocytes | | 55 | | 61 | | | % |
| | Monocytes | | 11 | | 10 | | | % |
| | Eosinophils | | 6 | | 5 | | | % |
| | Basophils | | | | 1 | | | % |
| | Morphology | | * | | * | | | % |
| | Poikilocytosis / polychromasia? | | no | | no | | | |

## E. Summary of Cloning Studies at University of Tennessee

The original table was submitted to CVM and is presented at the end of this Appendix. The table presents data for all developmental nodes for Jersey cattle clones, including data on pregnancy losses and outcomes for surrogates. Data for progeny of clones was not included. The table represents outcomes of 46 third-trimester pregnancies of female Jersey cattle clones identified by cell line.

### 1. Developmental Node 1: Pregnancy and Parturition

The summary tables from the UT study indicate a total of 46 third-trimester pregnancies. Seventeen pregnancies terminated between 174 and 268 days gestation resulting from spontaneous abortion, premature delivery, or euthanasia of the surrogate dam due to advancing hydrops. In all, 27 surrogate dams experienced hydrops (27/46 or 59 percent of dams) in this cohort. This is a higher incidence of this condition than reported in previous studies or other data directly submitted to the Agency. For 10 of the 27 hydropic surrogate dams (37 percent) the condition was severe enough to require euthanasia. Twenty-five surrogate dams delivered by C-section, and an additional five cows required assistance with vaginal delivery. According to Dr. Edwards many of the C-sections were planned, due to the high incidence of hydrops.

**2. Developmental Node 2: Perinatal Period**

Twenty-seven calves were born alive in the UT study, of which 19 survived the critical first seven days post-partum (70 percent). Causes of perinatal death are listed in the table provided by UT, but include placental, skeletal, respiratory, renal, hepatic, and cardiac defects and lesions; aspiration of amniotic fluid; and hydrocephalus. One calf was euthanized at seven days of age. The only finding listed for this animal was blindness.

Average birth weight of these Jersey heifer clones was 31.62 kg, and ranged from a very small and non-viable calf (6.36 kg) to 45 kg. Average birth weight for conventionally bred Jersey heifers is 23-24 kg (Bonczek et al. 1992).

**3. Developmental Node 3: Juvenile Period**

Of the 19 calves that survived the perinatal period, 12 lived to one year of age (63 percent). One of the seven animals that died was discussed in Lawrence et al. (2005), and reviewed in Chapter V. This calf died at nine months of age from enterotoxemia due to infection with Type A *Clostridium perfringens*. The other six calves died between the ages of 41 days to eight months. Four of these calves experienced some type of gastro-intestinal problem (scouring, rumen stasis, acidosis, anorexia), with other complications (pneumonia, umbilical abscess, hepatic defects) and severe weight loss. Common pathogens such as *Mycobacterium paratuberculosis avium* and Bovine Viral Diarrhea were ruled out as potential causes of this "wasting" (Edwards teleconference). The remaining two calves were both diagnosed on necropsy with hepatic defects.

**4. Developmental Node 4: Reproductive Development and Function**

Information on reproductive function from the UT study is limited, and only for five females which were later euthanized for the purpose of herd reduction and one female euthanized following post partum complications (retained fetal membranes, metritis). Of these six animals, two delivered "normal" calves, but no other information on these calves (including gender) was included. The other four clones delivered stillborn calves following apparently normal pregnancies.

### 5. Developmental Node 5: Post Pubertal Maturation and Aging

Of the 12 calves in the UT study surviving the juvenile period, one died at 1 year of age. The heifer was noted to experience periodic scours that were unresponsive to treatment. Another heifer was euthanized at 2.5 years of age following delivery of a stillborn calf. This clone suffered complications due to retained fetal membranes (metritis) and was also noted to have had periodic scours unresponsive to treatment. According to Dr. Edwards, this clone recovered from the postpartum complications, but was euthanized due to scouring and severe weight loss. As mentioned above, five clones were euthanized at four years of age for the purposes of herd reduction. These five euthanized cows were identified as healthy at time of euthanasia. All five were noted to suckle other animals, as was the clone euthanized at 2.5 years of age. This behavior is sometimes noted in adult cattle, and may reflect how the clones were raised and weaned. The seven remaining clones are four years old, and the table indicates that their health is "within normal limits". According to Dr. Edwards, the seven remaining clones do not exhibit the aberrant suckling behavior. She attributed this to differences in how the calves were raised. The earlier group, which developed the aberrant behavior were only offered a bottle to test suckle reflex, and thereafter were fed by bucket. The latter group, from which the seven living clones derive, were fed by bottle until weaning. One of these adult clones apparently had patent urachus at one time, but is currently listed as "within normal limits". According to Dr. Edwards, the attending veterinarian noted unusually large vessels in the urachus. Another of these living clones was noted to have had an enlarged umbilicus that was surgically corrected, and is otherwise considered "within normal limits". The seven remaining clones were not bred, due to the voluntary moratorium on introducing meat or milk from clones into the food chain.

## F. Perinatal Development in Swine Clones (Node 2)

Additional data was submitted by a commercial cloning company on birth weight and average daily gain (ADG) during the first three months of life as well as body temperature and heart rate of pigs during the first 2 days after birth. Breed of pigs was not identified. Data on body temperature and heart rate was available for five pigs, while birth weight and ADG were available for three of the five animals. According to the information submitted, two of the five piglets, both from the same litter and weighing 1.0 kg at birth, died within 48 hours of birth. The cause of death was not provided. The five pigs were born in two litters. The data are presented in Tables G-8 and G-9.

**Table G-8: Birth Weight, Weaning Weight and Average Daily Gain for Three Swine Clones**

| Litter # | Piglet ID # | Birth date | BW (kg) | Age @ weighing | Period | Weight (Kg) | ADG2 (KG/day) |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 5/24/2002 | 1.2 | 18 | 17 | 2.7 | 0.06 |
| 1 | 1 | 5/24/2002 | 1.2 | 40 | 22 | 10 | 0.33 |
| 1 | 1 | 5/24/2002 | 1.2 | 60 | 20 | 23.3 | 0.67 |
| 1 | 1 | 5/24/2002 | 1.2 | 74 | 14 | 31.6 | 0.59 |
| 1 | 1 | 5/24/2002 | 1.2 | 94 | 20 | 50 | 0.92 |
| 1 | 2 | 5/24/2002 | 1.4 | 18 | 17 | 2.8 | 0.08 |
| 1 | 2 | 5/24/2002 | 1.4 | 40 | 22 | 8.6 | 0.26 |
| 1 | 2 | 5/24/2002 | 1.4 | 60 | 20 | 18.9 | 0.52 |
| 1 | 2 | 5/24/2002 | 1.4 | 74 | 14 | 25.8 | 0.49 |
| 1 | 2 | 5/24/2002 | 1.4 | 94 | 20 | 44.2 | 0.92 |
| 2 | 4 | 5/27/2002 | 1.1 | 15 | 17 | 3.2 | 0.15 |
| 2 | 4 | 5/27/2002 | 1.1 | 37 | 22 | 10.9 | 0.35 |
| 2 | 4 | 5/27/2002 | 1.1 | 57 | 20 | 24.6 | 0.69 |
| 2 | 4 | 5/27/2002 | 1.1 | 71 | 14 | 33.8 | 0.66 |
| 2 | 4 | 5/27/2002 | 1.1 | 91 | 20 | 51.5 | 0.89 |

**Table G-9: Pulse, Respiration and Body Temperature for Five Swine Clones During First Five Days After Birth**

| Litter # | Pig ID # | Respiration Rate | | | | | Heart Rate | | | | | Blood Temperature | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | D1 | D2 | D3 | D4 | D5 | D1 | D2 | D3 | D4 | D5 | D1 | D2 | D3 | D4 | D5 |
| 1 | 1 | 48.3 +/- 3.8 | 36 +/- 2.3 | 37.9 +/- 2.1 | 38.9 +/- 1.7 | 41.3 +/- 2.8 | 188.6 +/- 14.4 | 159.8 +/- 13.8 | 167.4 +/- 8.1 | 160 +/- 6.1 | 176.0 +/- 5.6 | 99.3 +/- 1.2 | 101.5 +/ - 0.2 | 101. 9 +/- 0.3 | 101.2 +/- 0.4 | 101.3 +/- 0.3 |
| 1 | 2 | 51.8 +/- 5.7 | 39.1 +/- 2.2 | 37.3 +/- 1.7 | 43.7 +/- 3.7 | 39.5 +/- 1.8 | 202.3 +/- 7.3 | 148.6 +/- 14.6 | 162.3 +/- 5.9 | 176.7 +/- 6.7 | 157.4 +/- 4.8 | 99.2 +/- 1.0 | 101.8 +/- 0.4 | 102. 4 +/- 0.2 | 100.8 +/- 0.3 | 101.3 +/- 0.3 |
| 2 | 3 | 64.3 +/- 9.8 | 36.9 +/- 8.3 | NA | NA | NA | 162.3 +/- 10.6 | 173.5 +/- 2.3 | NA | NA | NA | 100.6 +/- 0.5 | 101.1 +/- 0.2 | NA | NA | NA |
| 2 | 4 | 43 +/- 3.0 | 34.9 +/- 1.2 | NA | NA | NA | 206.4 +/- 13.8 | 169.0 +/- 5.8 | NA | NA | NA | 101.0 +/- 0.5 | 101.1 +/- 0.3 | NA | NA | NA |
| 2 | 5 | 59.8 +/- 5.9 | 42.2 +/- 3.2 | NA | NA | NA | 172.6 +/- 13.9 | 180.4 +/- 6.1 | NA | NA | NA | 98.8 +/- 0.5 | 101.5 +/- 0.3 | NA | NA | NA |

Note: Pigs 3, 4, and 5 were from the same litter. Pigs 1 and 2 were from another litter. Pigs 3 and 5 died shortly after birth. The absence of data for pig 4 was not explained.

Birth weight and ADG vary depending on breed of swine. The breed of swine in this dataset was not reported, making interpretation of these data difficult. Likewise, interpreting respiration and heart rates in animals not typically handled is problematic, since the stress of handling tends to increase respiration and heart rates. Body temperatures of the five clones during the first two days are somewhat low; however, as noted earlier in this chapter, neonatal swine generally need supplemental heat because they lack the ability to thermoregulate. For growth, the available reference values for non-clone comparator swine and their progeny presented in the ViaGen dataset (Appendix F) is instructive. Growth rates in this dataset and the ViaGen dataset for non-clone comparators are similar. Average heart rate of day old conventional pigs was reported as 190.75 ± 36.45 bpm in one study (Foster et al. 2001).

## G. Conclusions for unpublished data

Although limited in content and scope, these small datasets are consistent with the Cyagra and ViaGen datasets and with the published literature on cattle and swine clones. When considered in context with other data sources and compared to data from reference texts for conventionally bred animals, these data support the overall conclusions that cattle and swine clones generally fall within established ranges for clinical measures of health (heart rate, respiration, body

temperature, and hematology), and do not present any unique health issues. The poor semen quality of two bull clones in one small cohort cannot be explained given the limited information available on these animals. It is not unusual for bulls to fail reproductive soundness exams, and such failure may result from injury, infection, or environmental stress, among other reasons.

Sperm Characteristics of Four Clones of a Crossbred Beef Bull

| Nuclear Donor (crossbred beef bull) Collection | Date | Vol (ml) | Conc X106 | No. Ejac. | Dose | Exp. Yield | A Dilute | Filled | ACL | Inc | Norm | Abnormalities % Head | Droplet | Tail | Ph | Results |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clone #5 | 05/16/03 | 5.6 | 1253 | 1 | 35 | 200 | 112.2 | 198 | | 30/ | MDR's N 30% | | | | | |
| Clone #5 | 05/16/03 | 6.0 | 779 | 2 | 35 | 133 | 74.7 | | | | MDR's | | | | | |
| Clone #5 | 05/16/03 | 5.0 | 73 | 3 | 35 | 10 | 10 | 143 | | 55 | 54 | 1 | 3 | 26 | 16 | |
| Clone #5 | 05/14/03 | 2.9 | 869 | 1 | 35 | 72 | 40.3 | 65 | | 50/50 | MDR's N 40% ??? | | | | | Disc. |
| Clone #5 | 05/14/03 | 3.3 | 1022 | 2 | 35 | 96 | 53.9 | 94 | | 55 | 60 | 6 | 4 | 21 | 9 | Disc. |
| Clone #5 | 05/14/03 | 5.4 | 697 | 3 | 35 | 107 | 60.2 | 100 | | 45/45 | MDR's Stressed | | | | | Disc. |
| Clone #5 | 05/22/03 | 6.1 | 576 | 1 | 35 | 100 | 56.2 | 99 | 97 | 55 | ? | | | | | Cane |
| Clone #5 | 05/22/03 | 5.6 | 415 | 2 & 3 | 35 | 66 | 371 | 60 | 55 | 55 | 68 | 8 | 4 | 10 | 10 | Cane |
| Clone #5 | 05/27/03 | 5.5 | 1649 | 1 | 35 | 259 | 145.1 | 253 | | 40/40 | MDR's N 35% | | | | | Disc. |
| Clone #5 | 05/27/03 | 4.1 | 707 | 2 | 35 | 82 | 46.3 | 82 | | 40/40 | MDR's N 30% ??? | | | | | Disc. |
| Clone #5 | 05/27/03 | 5.6 | 692 | 3 | 35 | 110 | 62 | 104 | 102 | 55 | 80 | 1 | 0 | 10 | 9 | Cane |
| Clone #5 | 05/29/03 | 4.3 | 1198 | 1 | 35 | 147 | 82.4 | 153 | | 50/50 | MDR's N 30% | | | | | Disc. |
| Clone #5 | 05/29/03 | 3.2 | 342 | 2 | 35 | 31 | 17.5 | 27 | 25 | 50 | | | | | | Cane |
| Clone #5 | 05/29/03 | 3.6 | 617 | 3 | 35 | 63 | 35.5 | 60 | 56 | 55 | | | | | | Cane |
| Clone #5 | 06/02/03 | 5.0 | 1288 | 1 | 35 | 184 | 103 | 183 | 181 | 55 | | | | | | Cane |
| Clone #5 | 06/02/03 | 5.0 | 1649 | 2 | 35 | 235 | 131.9 | 229 | 227 | 55 | | | | | | Cane |
| Clone #5 | 06/02/03 | 5.1 | 502 | 3 | 25 | 102 | 57.3 | 96 | 94 | 60 | 78 | 2 | 2 | 10 | 8 | Cane |
| Clone #5 | 06/05/03 | 3.0 | 697 | 1 | 25 | 83 | 46.5 | 80 | | 20/25 | | | | | | Disc. |
| Clone #5 | 06/05/03 | 5.0 | 595 | 2 | 25 | 119 | 66.6 | 116 | 114 | 50 | 68 | 2 | 2 | 13 | 15 | Cane |
| Clone #5 | 06/05/03 | 6.9 | 595 | 3 | 25 | 159 | 89 | 159 | 156 | 50 | | | | | | Cane |
| Clone #5 | 06/09/03 | 7.0 | 118 | 1 | 35 | 223 | 125 | 228 | | 30/30 | 46 | 1 | 3 | 25 | 25 | Disc. |
| Clone #5 | 06/09/03 | 3.5 | 881 | 2 | 25 | 183 | 68.9 | 124 | | 40/40 | | | | | | Disc. |
| Clone #5 | 06/09/03 | 4.0 | 740 | 3 | 25 | 118 | 66.1 | 119 | | 45/45 | 52 | 2 | 4 | 12 | 30 | Disc. |
| Clone #5 | 06/12/03 | 6.2 | 1166 | 2 | 25 | 289 | 161.9 | 288 | | 30/35 | | | | | | Disc. |
| Clone #5 | 06/12/03 | 5.6 | 291 | 3 | 25 | 65 | 36.5 | 62 | | 30/30 | 73 | 2 | 0 | 8 | 17 | Disc. |
| Clone #5 | 06/12/03 | 4.5 | 672 | 4 | 25 | 120 | 67.7 | 118 | 116 | 55 | 73 | 4 | 0 | 12 | 11 | Cane |
| Clone #5 | 06/16/03 | 3.4 | 779 | 1 | 25 | 105 | 59.3 | 105 | | 15/ | MDR's | | | | | Disc. |
| Clone #5 | 06/16/03 | 14.5 | 683 | 2,3,4 | 25 | 397 | 222.4 | 397 | | 50/ | 51 | 3 | 3 | 30 | 13 | Disc. |
| Clone #5 | 06/19/03 | | | 1 | Disc | | | | | | | | | | | |
| Clone #5 | 06/19/03 | 3.9 | 936 | 2 | | 146 | 81.7 | | | | | | | | | |
| Clone #5 | 06/19/03 | 4.5 | 817 | 3 | 25 | 147 | 82.3 | | | | | | | | | |
| Clone #5 | 06/19/03 | 4.0 | 534 | 4 | 25 | 85 | 47.8 | | | | | | | | | |

Note: The data was transcribed from handwritten notes of the technician performing collection/evaluation of sperm

# Appendix H:

# The Comprehensive Veterinary Examination

# Appendix H: The Comprehensive Veterinary Examination

CVM recognizes that readers of this Risk Assessment will have diverse training and expertise, and not all will be familiar with the practice of veterinary medicine. The purpose of this Appendix is to (1) acquaint readers with a process used by veterinarians (and specifically veterinarians working with livestock) as part of the evaluation of the health of an animal, and (2) how we interpreted veterinary examination reports on animal clones as part of the evaluation of the overall risk assessment process. It is not intended to be a guidance for veterinarians working with animal clones or any other livestock.

## A. Introduction to the Comprehensive Veterinary Examination

The standard veterinary procedure that forms the basis of the CVE is referred to as the "Problem Oriented Medical Approach (POM)." Traditionally, this approach involves a Chief Complaint followed by a Physical Exam, which then generates a Problem List. The veterinarian then develops a list of Differential Diagnoses (probable causes), from which a Diagnostic Plan is formulated, including the conduct and interpretation of laboratory work. This leads to a revised Problem List based on laboratory data that implicate particular diseases or conditions. The new information results in a revised Differential Diagnosis and revised Diagnostic Plan (if additional work is still needed). All of the data finally results in a Therapeutic Plan. The owner of the animal is then informed by a Client Education Plan (Weed 1970).

Comprehensive veterinary examinations (CVEs) are systematic approaches for examining domestic livestock animals, and making informed judgments as to their health. The CVE contains both objective and subjective information, and requires experienced veterinarians familiar with the animal breeds and species to be evaluated. For each breed and species, the veterinarian is able to judge whether any observation is "normal" within the range of biologic variability. The POM is the standard medical examination and evaluation technique. This approach compares the non-healthy patient to the clinically normal animal. Each abnormal observation is recorded in a "problem list." The veterinarian ultimately refines and compiles the problem list to develop a list of differential diagnoses that would account for the problems found on the exam. The notion of "normal" is difficult to define and articulate, and, of necessity, requires subjective assessment and expert judgment. In contrast, measurements such as temperature, pulse, respiratory rate, weight, height, *etc*., are objective and, in principle, easier to define as "within normal range." Experienced examiners will agree that published "normal ranges"

of these values can be slightly exceeded without judging the animal to be unhealthy. The CVE, by an experienced practitioner, employs both objective and subjective information to maximize the information gathered in examinations.

## B. The Importance of Species-Specific Standards

As the purpose of this Appendix is to provide an overview of the CVE, it will not explicitly address every difference among the four species under consideration in this Risk Assessment. This Appendix will discuss the general approaches that are employed in performing such examinations. Species differ in, among other things, size, shape, demeanor, physiology, nutritional needs, and husbandry. Because of this, cows are examined differently from swine, goats, or sheep. For example, an experienced veterinarian or animal handler would not approach a dairy cow by moving toward her head first. Dairy cows are accustomed to being approached from the rear because that is how they are approached when they are milked. Other species-specific differences may be physiologically determined (*e.g.,* birth weight ranges, reproductive behavior, gestation length) or as the result of species- or breed-specific husbandry (*e.g.,* age of weaning, handling, and feeding practices). Thus, comparing the birth weight of Holstein and Longhorn calves would be inappropriate, as is comparing piglet weaning weights in facilities that wean at different ages.

## C. How a Veterinarian Performs a Comprehensive Veterinary Examination

The physical examination portion of a CVE for any age of animal usually begins with an observation from a distance, so as not to influence the animal's response. An animal approached by a human who is not normally involved in the animal's care can affect its demeanor and respiratory rate. First, the consulting veterinarian observes the animal's behavior and general appearance from a distance far enough not to provoke anxiety. The veterinarian notes the animal's posture, resting respiratory rate, vocalizations, eating/cud chewing, excretory functions (defecation/feces and urination), gait, body condition, conformation, and general skin and coat appearance.

The subsequent close examination occurs in a systematic fashion. A CVE is generally carried out in anatomical order, usually from head to tail (except for dairy cows). If any abnormalities are discovered during the course of the examination, they are listed by functional systems, which include

- Special senses (eyes, ears, nose, mouth)
- Skin and Coat

- Musculo/Skeletal (including a body condition score)
- Respiratory
- Cardio/Vascular
- Neurological
- Gastro/Intestinal
- Genito/Urinary
- Peripheral Lymph Nodes.

Often, the veterinarian begins with inserting a thermometer in the rectum to measure body temperature, and, if appropriate for the species, takes a peripheral pulse in the tail (sheep with docked tails are the exception). The veterinarian then begins the examination at the head. The eyes, ears, mouth, and nose are examined. Hydration, anemia status, and other physiological measures can be assessed by examining mucous membrane color, feeling the gums for moistness, and pinching the skin to look for tenting, a sign of dehydration. The veterinarian then looks at the eyes to determine the degree to which they may be sunken from possible dehydration, whether there is any yellow coloration (jaundice from liver dysfunction), abnormal odors or discharges, whether the pupils are of similar size and symmetry (neurological function), and may perform a retinal fundic exam. While working on the head, the veterinarian can look at, smell, and touch the mouth, teeth, tongue, gums, lips, ear position, eyelid position, nostril flaring, feel for muscle atrophy, even breath from the nostrils, tongue tone, and look for drooling (ptyalism). The veterinarian then proceeds to the neck, where s/he looks, listens (auscults) and feels (palpates) for lumps, enlarged lymph nodes, salivary gland abnormalities, larynx, changes in the size or symmetry of the thyroid gland or trachea, the strength and regularity of the jugular pulse, and abnormal tracheal and pharyngeal sounds.

The next area examined is the thorax. The veterinarian observes respiratory excursions more carefully than from the initial distance overview, and notes abnormalities such as abdominal breathing or forced expirations. The veterinarian auscults (listens with a stethoscope) the heart and lungs and listens for signs of thoracic disease. Some veterinarians choose to look at the front legs and feet at this time and note any skin, musculoskeletal, hoof, or other lesions. Another approach is to look at all four legs and gait separately as its own system.

The abdomen of the animal is examined by auscultation and palpation. In ruminants, for example, the veterinarian watches the left side of the animal's abdomen for rumen movements; these are related to cud chewing. S/he then listens to the left side of the abdomen to hear the rumen moving, and palpates the prefemoral and prescapular lymph

nodes. Peritonitis (in cows) is investigated by pinching the withers to see if the cow buckles down or lordoses (arches downward) her spine. If lordosis is not observed, the animal may have peritonitis caused by hardware disease (traumatic reticulo-pericarditis, usually caused by accidental ingestion of nails or wire). In addition, while on the left side, the veterinarian pushes in on the rumen to determine fill and consistency, uses a stethoscope to listen for "normal" borborygmi (intestinal sounds), and thumps on the cow's side to determine whether a displaced abomasum is present by listening for the characteristic pinging sound of the displacement. While examining the abdomen, s/he also has access to the umbilicus, the udder (females), prepuce (males), tail, perineum, escutcheon, and back legs. The right side of the abdomen is examined similar to the left. Pings on the right have different meanings than those on the left in all species. Lymph nodes are palpated on the right as well. The abdomen may be balloted (punched to feel for a wave of fluid). In smaller ruminants and pigs, the veterinarian palpates the abdomen by placing her/his hands behind the rib cage and pushing in and up (toward the spine) to feel for any abnormal viscera and for a gravid uterus.

In mature female animals, the veterinarian checks the mammary glands for symmetry, temperature fluctuations, swelling, or pain. The veterinarian then examines the teats at their distal end for streak canal abnormalities. Next s/he examines the milk for abnormalities such as watery or clumpy consistency, clotting, an off-color or odor, or the presence of blood. The mammary lymph nodes are examined.

External genitalia are also examined as part of the CVE (additional examinations are required for Breeding Soundness Examinations), including the vulva, prepuce, scrotum and testicles. Internal female and male genitalia are examined during rectal palpation.

If the limbs had not been examined during the thoracic and abdominal exam, they would be examined next. Skin, hoof, conformation, swollen or hot joints, sore ligaments, and lameness (gait abnormalities) are evaluated.

As ancillary tests, the veterinarian may elect to perform rectal palpation for gastrointestinal, genitourinary, cardiovascular, renal, lymph nodes, and musculoskeletal abnormalities.

### 1. Specific Considerations for Neonatal CVEs

Practitioners generally recommend examining calves, piglets, kids, and lambs within a few hours of birth for general demeanor including alertness, ability to stand, ability to suckle, respiratory excursions, mobility, etc. The neonate is then examined for cleft

palate, naval abnormalities, and joint and limb abnormalities, and their chests are ausculted for cardiac abnormalities. Body temperature is also measured. Non-patent anus, or *atresia ani* may be discovered. Pigs, specifically, are examined for umbilical or inguinal hernias.

The newborn animals are weighed, and those measurements entered into a birth weight database used to calculate Expected Progeny Differences (EPD), especially in beef cattle. (Cattle producers use these real data to improve their herds.) Birth weights also determine "calving ease" for the dams. Passive transfer of immunity from colostrum is measured by taking blood samples and measuring IgG and total protein at approximately 24 hours post partum after the calf has had an opportunity to consume colostrum.

**2. Specific Considerations for Juvenile CVEs**

In addition to the general physical exam information on weaning weight, age at weaning, and weight gain is often collected. The producer often keeps health records, which may include sick days, diagnoses, therapeutic records, laboratory data, etc. In particular, animals may be monitored for infections at the navel, in the joints, lungs (pneumonia), and gastrointestinal system (diarrhea).

**3. Specific Considerations for Mature Animal CVEs**

Most cattle, swine, sheep, and goats do not live out their natural lifespans in commercial production facilities. Thus, for utility in assessing health of the animal prior to use, producers may perform formal CVEs as close to the animal's final use (*e.g.,* slaughter) as possible, although health records may be maintained by producers for as long as the animal is alive. Health records include illnesses, therapies, growth, weight gain, and might also include feed efficiency (for meat animals), milk production, reproductive records, and dry matter intake in dairy cows, among others.

**4. Specific Consideration for Reproductive Stage Examinations**

**a. Males**

Breeding Soundness Examinations (BSEs) have been developed and standardized by many professional societies and graduate veterinary schools. Among others, the Society of Theriogenology has a standardized protocol for bulls (www.therio.org). Its utility in comparison with others has been reviewed by Higdon et al. (2000). Shipley (1999) and Levis at the Ohio Pork Industry Center of the Ohio State University Extension (http://porkinfo.osu.edu/levis.html#Top) have published guides for evaluating

reproductive performance in boars (intact male pigs). Breeding soundness exams have been developed for the small ruminants (*e.g.,* rams and bucks) and can be found at web sites of the Utah State University Extension and the University of Minnesota, among others.

Briefly, a BSE includes evaluation of reproductive behavior, anatomical status, and evaluation of semen quality. Behavioral observations include libido, recognition of receptive females, and appropriate mounting behavior. Anatomic evaluations include body condition, with particular attention to the eyes, feet, and legs. Physical examinations are generally performed externally and rectally. The testes, scrotum, and epididymis are palpated, and scrotal circumference measured. The penis and prepuce are examined for appropriate anatomic development (*e.g.,* penile deviations) as well as inflammation, abscesses, or adhesions. The prostate and seminal vesicles are evaluated by rectal palpation. Semen quality is evaluated by looking at volume, color, motility, and morphology. Evaluations are made in the context of age, breed, and species-specifics. Once breeding has occurred, measures of fertility generally are recorded.

**b. Females**

Evaluations of female reproductive function have not been formalized in the same manner as those for males, largely due to the role of the stud in modern agricultural practice. Nonetheless, there are standard reproductive function examinations that carry the same importance in female animals as do the male examinations. The female-specific examinations include behavioral and anatomic components. Evaluation of germ cell production is generally not measured except by fertility and fecundity. Behavioral observations include age at onset of estrous behavior (puberty), behavior at parturition, offspring acceptance, and mothering behavior. Anatomical evaluations include body condition, examination of external genitalia, and evaluation of the internal reproductive tract by rectal palpation, vaginal speculum, and ultrasound (if clinically indicated). Fertility is monitored by recording the number of coital or insemination attempts needed for conception, (although, in the event of conception failure, the male contribution is also considered). The producer often keeps records of abortion incidence, birthing interval, retained placenta (especially for cows), mastitis (inflamed mammary gland or udder), and metritis (infected uterus). The colostrum management program is often monitored and evaluated using a colostrometer for colostrum quality and blood levels of IgG in the calf for transfer of passive immunity.

## D. Interpreting the Comprehensive Veterinary Examination for Animal Clones

The CVE was devised for sick animals, and works well when the patient has a chief complaint requiring diagnosis and therapy. Laboratory work is designed to gather evidence to support the clinical diagnosis. For animal clones, however, the CVE is attempting to prove the negative (*i.e.,* this animal is not materially different from a sexually reproduced animal), and therefore attempting to "prove" that the animal clone is healthy. Examination and diagnostic testing (such as blood work) as a screen for healthy animals (or animal clones) to determine if the animals have a general, non-specific occult abnormality is not straightforward. In the absence of the "complaint, diagnosis, and treatment" paradigm, if one value is out of range in an otherwise apparently healthy animal with an otherwise "normal" clinical chemistry screen, it is difficult to determine what level of concern to place on the anomalous value.

Reference ranges are based on a population of "normal" animals for a particular laboratory and species. In general, the reference ranges result from the collection of all of the measurements that have been taken by that laboratory, and calculation of the mean. The reference range is then set at the mean plus or minus two standard deviations, or a $p<0.05$ or 95 percent confidence interval. In other words, of any 20 test runs, one will have a value that is out of the range based on the statistical cut-offs as previously defined.

There may also be biological explanations for "out of range" values. For example, alkaline phosphatase is an enzyme found in every tissue, and is released when the cells of that particular organ or tissue are damaged. Elevated levels can be associated with diseases of the bones such as rickets, osteomalacia, hyperparathyroidism, and bone tumors, or as part of such normal processes as healing fractures, pregnancy, or growth.

To place this discussion in the context of the whole animal, we refer to the adage that "one treats the patient, not the blood work." CVM's determination that there is a biologically relevant difference between an animal clone and a sexually reproduced animal was based on a combination of statistical validity, weight of evidence, biological plausibility, and clinical impression; that is, a reliance on the body of evidence and expert veterinary judgment.

## E. Parameters Evaluated in the Comprehensive Veterinary Exam for a Risk Assessment

The following series of tables presents the parameters used in evaluating the health status of animal clones when incorporated into a CVE.

**Table H-1: Clinical Chemistry Parameters Associated with Organs and Organ Systems**
***(adapted from Hayes Principles and Methods of Toxicology 1994)***

| |
|---|
| **Heart** |
| Creatine kinase (creatine phosphokinase) and isoenzymes |
| Lactate dehydrogenase and isoenzymes |
| **Liver** |
| Alanine aminotransferase |
| Albumin |
| Alkaline phosphatase |
| Ammonia and Blood Urea Nitrogen |
| Aspartate aminotransferase |
| Bile acids |
| Bilirubin |
| Gamma glutamyl transferase |
| Lactate dehydrogenase and isoenzymes |
| Sorbitol dehydrogenase |
| Total protein |
| **Kidney** |
| Albumin |
| Blood Urea Nitrogen |
| Chloride |
| Creatine (urine and serum) |
| Glucose (urine and serum) |
| Potassium |
| Protein |
| Sodium |
| **Pancreas** |
| Amylase |
| Calcium |
| Glucose |
| Lipase |
| **Bone** |
| Alkaline phosphatase and isoenzymes |
| Calcium |
| Phosphorus |
| Uric Acid |

**Table H-2: Animal Health Measures for Evaluating Livestock, Including Animal Clones - General Health Status**

| **Measurement** | **Comments** |
|---|---|
| **Condition at Birth and Perinatal (+48 hours) Period** | |
| Caesarian/Vaginal Delivery | Birthing ease |
| Examination of Placenta | Cotyledon numbers |
| Immediate Post-parturition assistance | Fetal-neonatal transition |
| Birth weight | LOS |
| **Comprehensive Neonatal Examination**<br>*Generalized*<br>- Demeanor<br>- Posture/Gait<br>- Respiratory rate<br>- Vocalization<br>- Nursing behavior<br>- Urination/Defecation<br>- Body condition<br>- Body conformation<br>- Skin/coat<br>*System Specific*<br>- Special Senses (ear, eyes, nose, throat)<br>- Integumentary<br>- Musculoskeletal<br>- Cardiovascular<br>- Respiratory<br>- Oropharyngeal<br>- Gastrointestinal<br>- Genitourinary<br>- Neurological<br>- Peripheral lymph nodes | Take notice if LOS is present, especially in cattle and sheep.<br><br>Umbilicus<br>Contracted tendons<br><br>Bloat, diarrhea |
| IgG | at 24-48 hours after birth |

**Table H-3: Animal Health Measures for Evaluating Livestock, Including Animal Clones - Condition During Juvenile Post-Weaning Period (All Species)**

| Measurement | Comments |
|---|---|
| **Comprehensive Juvenile Animal Examination**<br>Weaning weight<br>*Generalized*<br>- Demeanor<br>- Posture/Gait<br>- Respiratory rate<br>- Vocalization<br>- Appetite/Feed consumption<br>- Urination/Defecation<br>- Body condition<br>- Body conformation<br>- Skin/coat<br>- Body weight/gain<br>*System Specific*<br>- Special Senses (ear, eyes, nose, throat)<br>- Integumentary<br>- Musculoskeletal<br>- Cardiovascular<br>- Respiratory<br>- Oropharyngeal<br>- Gastrointestinal<br>- Genitourinary<br>- Neurological<br>- Peripheral lymph nodes | Normal growth rate<br><br>Contracted tendons |
| Health/therapeutic records, with special attention to<br>- Diarrhea<br>- Pneumonia | |
| Diabetes | previously noted in animal clones |
| Nervousness | previously noted in animal clones |