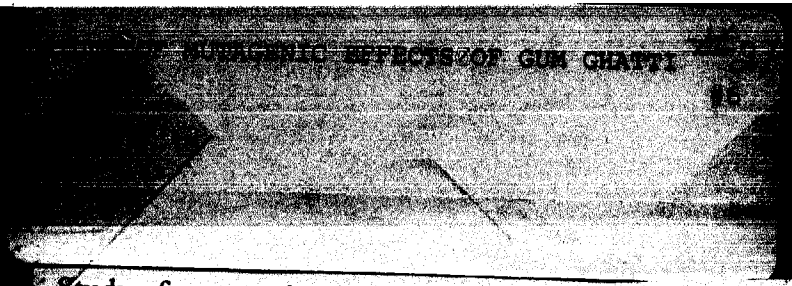

Study of mutagenic effects of **Ghatti Gum** FDA #71-13 5/72

May 1972

Compound Report No. 6

STUDY OF MUTAGENIC EFFECTS OF GUM GHATTI, FDA NO. 71-13

Prepared for:

DHEW/PUBLIC HEALTH SERVICE
Food and Drug Administration
Rockville, Maryland

Contract No. FDA 71-267

SRI Project LSU-1348

Submitted by:

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Approved:

W. A. Skinner, Executive Director
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INTRODUCTION

Under contract to the Food and Drug Administration, Stanford Research Institute is examining the mutagenicity of 14 selected chemical compounds Contract No. FDA 71-267). This report describes the results of tests conducted on gum ghatti FDA No. 71-13.

Three methods are used to evaluate the genetic hazards of the test compounds. These are: (1) Host-Mediated Assay, (2) Cytogenetic Assay, and (3) Dominant Lethal Gene Test. Methodologies used to conduct these tests are described in detail in "Compound Report No. 1," January 1972. The same procedures were followed in obtaining the information presented in this report.

For the compound under consideration here, single and repeated intubations were performed at three concentrations. These amounts were (1) a maximum tolerated dose or 5 g/kg, whichever was lower, (2) a low dose of 30 mg/kg or one near the use level, and (3) a level intermediate between the use level and the maximum tolerated dose.

SUMMARY

Host-Mediated Assay

Gum ghatti (71-13) did not produce any measureable mutagenic response or alteration in the recombination frequency for *Saccharomyces cerevisiae* in either the host-mediated assay or the associated *in vitro* tests.

Cytogenetic Assay

Gum ghatti (Compound 71-13) exhibits no adverse effect on either metaphase chromosomes from rat bone marrow or anaphase chromosomes from *in vitro* cultures of WI-38 (human embryonic lung) cells at any of the dose levels or time periods tested.

Dominant Lethal Gene Test

No consistent responses occurred to suggest that gum ghatti is mutagenic to the rat as a result of this experimental procedure. The positive reference compound, TEM, and a known mutagen generally produced mutagenic responses from the first through the fifth weeks of the experiment, as expected.

RESULTS AND DISCUSSION

Oral Toxicity

Single and multiple dose toxicity data are presented in Table 1. Gum ghatti given orally as a suspension in corn oil at a dose of 10 g/kg of body weight caused no deaths. No effects, except transient depression of the rats for a few hours following dosing, were evident. When given daily at a dose of 5 g/kg for five days to other male rats, no unusual or adverse effects were observed.

Host-Mediated Assay

Table 2 presents a summary of the host-mediated assay results for Gum ghatti (71-13). Table 3 contains the data obtained on each individual mouse. This table is a computer printout of the calculations made on the data obtained for each mouse. Because of the nature of the computer, it is necessary to exceed its maximum number of significant figures to obtain a value as an exponent. For this reason, 12 significant figures are printed out. However, only three significant figures are used for calculations and reporting the results as summarized in Table 2. Table 4 summarizes the data obtained in the *in vitro* tests.

As can be seen from the results summarized in Table 2, no mutagenic response was observed for the two *Salmonella typhimurium* strains tested when mice were treated with the test compound. The mitotic recombination frequency of *Saccharomyces cerevisiae* was not affected. Similarly, no positive mutagenic response was detected in the *in vitro* tests.

Cytogenetic Assay

Review of Table 5 indicates that no adverse effect on rat bone marrow chromosomes at any tested dose level or time period may be attributed to Compound 71-13 (gum ghatti).

Table 6 indicates that gum ghatti likewise produces no adverse effect on anaphase cells obtained from WI-38 cells in culture. It is, however, quite cytotoxic except at the lower doses used. The positive control cells were exposed to the TEM for 24 hours rather than 42 hours as were the cells being exposed to the test compound. Cells exposed to TEM for periods longer than 24 hours have a very low percentage of anaphase figures.

Dominant Lethal Gene Test

Throughout this entire experiment the biological criteria used to evaluate mutagenic effects on the rat showed no consistent responses which could be attributed to treatment (see tables 7 through 11).

Careful review and statistical evaluation of the data do not show gum ghatti to be a mutagen in the rat by the dominant lethal gene test.

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ORAL TOXICITY - RAT

Table 1

Compound: Gum Ghatti
FDA NO: 71-13

Single Dose[a]	> 10 g/kg
Multiple Dose[b]	> 5 g/kg

[a] Ten male, Sprague-Dawley rats, weighing 200-250 g each, were fasted overnight and then administered orally specified amounts of the candidate compound suspended in corn oil.

[b] Ten male, non-fasted Sprague-Dawley rats, weighing 200-250 g each, were administered orally specified amounts of the candidate compound given as a partial suspension in corn oil.

Table 2

HOST MEDIATED ASSAY
SUMMARY OF DATA

Compound No.: 17-13 (Gum Ghatti)

A. Acute

Treatment	Organism					
	Salmonella				Saccharomyces	
	G46		TA 1530		D-3	
	MF	MFt/MFc	MF	MFt/MFc	RF	RFt/RFc
Maximum	1.77×10^{-8}	0.48	2.44×10^{-8}	1.81	1.73×10^{-4}	1.30
Intermediate	1.09×10^{-7}	2.99	2.86×10^{-8}	2.12	1.49×10^{-4}	1.12
Use Level	6.30×10^{-8}	1.72	2.34×10^{-8}	1.80	1.88×10^{-4}	1.41
Control (+)	1.71×10^{-6} ✓	46.72	4.81×10^{-7} ✓	35.63	9.81×10^{-4} ✓	7.38
Control (-)	3.66×10^{-8} ✓	1.00	1.35×10^{-8} ✓	1.00	1.33×10^{-4} ✓	1.00

B. Subacute

Treatment	Organism					
	Salmonella				Saccharomyces	
	G46		TA 1530		D-3	
	MF	MFt/MFc	MF	MFt/MFc	RF	RFt/RFc
Maximum	1.80×10^{-8}	0.60	1.93×10^{-7}	0.56	1.59×10^{-4}	0.83
Intermediate	2.99×10^{-8}	1.00	2.70×10^{-7}	0.78	1.57×10^{-4}	0.82
Use Level	4.08×10^{-8}	1.37	1.64×10^{-7}	0.47	1.97×10^{-4}	1.03
Control (-)	2.98×10^{-8} ✓	1.00	3.44×10^{-7} ✓	1.00	1.92×10^{-4} ✓	1.00

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 17-13 (Gum Ghatti)

Organism: G-46

Treatment: (+) CONTROL

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.217666666666ex 04	.775000000000ex 09	.280860215052ex-05
2	.225333333333ex 04	.161666666666ex 10	.139381443299ex-05
3	.124333333333ex 04	.990000000000ex 09	.125589225588ex-05
4	.206833333333ex 04	.225000000000ex 10	.919259259257ex-06
5	.758333333330ex 03	.420000000000ex 09	.180555555554ex-05
6	.170500000000ex 04	.171666666666ex 10	.993203883499ex-06
7	.120833333333ex 04	.718333333330ex 09	.168213457076ex-05
8	.216666666666ex 04	.763333333330ex 09	.283842794760ex-05
			.171211125700ex-05

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-13 (Gum Ghatti)

Organism: G-46

Treatment: (-) CONTROL

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.175000000000ex 02	.105000000000ex 09	.166666666666ex-06
2	.241666666666ex 02	.183333333333ex 10	.131818181818ex-07
3	.100000000000ex 02	.185000000000ex 10	.540540540540ex-08
4	.100000000000ex 02	.153333333333ex 10	.652173913044ex-08
5	.300000000000ex 02	.258333333333ex 10	.116129032258ex-07
6	.108333333333ex 02	.680000000000ex 09	.159313725489ex-07
			.365533175258ex-07

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.150000000000ex 02	.946250000000ex 09	.158520475561ex-07
2	.433333333333ex 02	.226666666666ex 10	.191176470588ex-07
3	.391666666666ex 02	.163333333333ex 10	.239795918367ex-07
4	.166666666666ex 02	.940000000000ex 09	.177304964538ex-07
5	.122500000000ex 03	.119166666666ex 10	.102797202797ex-06
6	.916666666665ex 01	.843333333330ex 09	.108695652174ex-07
7	.166666666666ex 02	.921666666665ex 09	.180831826401ex-07
			.297756762227ex-07

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 17-13 (Gum Ghatti)

Organism: G-46

Treatment: MAXIMUM

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.108333333333ex 02	.846666666665ex 09	.127952755905ex-07
2	.108333333333ex 02	.888333333330ex 09	.121951219512ex-07
3	.100000000000ex 02	.766666666665ex 09	.130434782608ex-07
4	.133333333333ex 02	.250000000000ex 09	.533333333332ex-07
5	.108333333333ex 02	.835000000000ex 09	.129740518961ex-07
6	.110000000000ex 02	.973333333330ex 09	.113013698630ex-07
7	.833333333330ex 01	.558333333330ex 09	.149253731343ex-07
8	.108333333333ex 02	.985000000000ex 09	.109983079525ex-07
			.176957889975ex-07

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.183333333333ex 02	.801666666665ex 09	.228690228690ex-07
2	.125000000000ex 02	.793333333330ex 09	.157563025210ex-07
3	.916666666665ex 01	.928333333330ex 09	.987432675046ex-08
4	.125000000000ex 02	.995000000000ex 09	.125628140703ex-07
5	.141666666666ex 02	.630000000000ex 09	.224867724866ex-07
6	.158333333333ex 02	.851666666665ex 09	.185909980430ex-07
7	.108333333333ex 02	.133500000000ex 10	.811485642943ex-08
8	.150000000000ex 02	.124000000000ex 10	.120967741935ex-07
9	.125000000000ex 02	.318750000000ex 09	.392156862745ex-07
			.179519504040ex-07

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-13 (Gum Ghatti)

Organism: G-46

Treatment: INTERMEDIATE

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.508333333330ex 02	.866666666665ex 09	.586538461535ex-07
2	.100000000000ex 02	.127000000000ex 10	.787401574803ex-08
3	.211666666666ex 03	.103333333333ex 10	.204838709677ex-06
4	.109166666666ex 03	.103833333333ex 10	.105136436596ex-06
5	.291666666666ex 02	.103000000000ex 10	.283171521034ex-07
6	.483333333333ex 02	.483333333333ex 09	.100000000000ex-06
7	.165000000000ex 03	.641666666665ex 09	.257142857143ex-06
			.108851859631ex-06

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.200000000000ex 02	.941666666665ex 09	.212389380531ex-07
2	.500000000000ex 01	.350000000000ex 08	.142857142857ex-06
3	.241666666666ex 02	.114500000000ex 10	.211062590974ex-07
4	.116666666666ex 02	.108166666666ex 10	.107858243451ex-07
5	.116666666666ex 02	.718333333330ex 09	.162412993039ex-07
6	.150000000000ex 02	.140666666666ex 10	.106635071090ex-07
7	.175000000000ex 02	.158333333333ex 10	.110526315789ex-07
8	.166666666666ex 02	.148000000000ex 10	.112612612612ex-07
9	.150000000000ex 02	.632500000000ex 09	.237154150197ex-07
			.298802531802ex-07

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 17-13 (Gum Ghatti)

Organism: G-46

Treatment: USE

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.100000000000ex 02	.171666666666ex 10	.582524271846ex-08
2	.700000000000ex 02	.107666666666ex 10	.650154798765ex-07
3	.107142857142ex 02	.783333333330ex 09	.136778115501ex-07
4	.458333333333ex 02	.838333333330ex 09	.546719681910ex-07
5	.750000000000ex 01	.723333333330ex 09	.103686635945ex-07
6	.783333333330ex 02	.928333333330ex 09	.843806104128ex-07
7	.119166666666ex 03	.575000000000ex 09	.207246376810ex-06
			.630265933074ex-07

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.228571428571ex 02	.127000000000ex 10	.179977502811ex-07
2	.258333333333ex 02	.116833333333ex 10	.221112696148ex-07
3	.258333333333ex 02	.143833333333ex 10	.179606025492ex-07
4	.238333333333ex 03	.122166666666ex 10	.195088676672ex-06
5	.833333333330ex 01	.106333333333ex 10	.783699059560ex-08
6	.183333333333ex 02	.119833333333ex 10	.152990264256ex-07
7	.500000000000ex 02	.753333333330ex 09	.663716814162ex-07
8	.107142857142ex 02	.940000000000ex 09	.113981762917ex-07
9	.150000000000ex 02	.111666666666ex 10	.134328358209ex-07
			.408330010737ex-07

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-13 (Gum Ghatti)

Organism: TA-1530

Treatment: (+) CONTROL

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.472500000000ex 03	.105000000000ex 10	.450000000000ex-06
2	.428333333333ex 03	.583333333330ex 09	.734285714289ex-06
3	.475000000000ex 02	.156666666666ex 10	.303191489362ex-07
4	.339166666666ex 03	.883333333330ex 09	.383962264151ex-06
5	.321666666666ex 03	.511666666665ex 09	.628664495114ex-06
6	.396666666666ex 03	.653333333330ex 09	.607142857144ex-06
7	.900000000000ex 02	.448333333333ex 09	.200743494423ex-06
8	.716666666665ex 02	.245000000000ex 09	.292517006802ex-06
9	.314166666666ex 03	.315000000000ex 09	.997354497352ex-06
			.480554386464ex-06

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-13 (Gum Ghatti)

Organism: TA-1530

Treatment: (-) CONTROL

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.233333333333ex 02	.953333333330ex 09	.244755244755ex-07
2	.583333333330ex 01	.538333333330ex 09	.108359133126ex-07
3	.625000000000ex 01	.471666666666ex 09	.132508833922ex-07
4	.916666666665ex 01	.103333333333ex 10	.887096774194ex-08
5	.750000000000ex 01	.131000000000ex 10	.572519083969ex-08
6	.175000000000ex 02	.104166666666ex 10	.168000000001ex-07
7	.833333333330ex 01	.758333333330ex 09	.109890109890ex-07
8	.166666666666ex 02	.965000000000ex 09	.172711571674ex-07
			.135273309897ex-07

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.180833333333ex 03	.101666666666ex 10	.177868852459ex-06
2	.155000000000ex 03	.106666666666ex 10	.145312500000ex-06
3	.217500000000ex 03	.813333333330ex 09	.267418032787ex-06
4	.114166666666ex 03	.758333333330ex 09	.150549450549ex-06
5	.253333333333ex 03	.458333333333ex 09	.552727272726ex-06
6	.507500000000ex 03	.396666666666ex 09	.127941176470ex-05
7	.118333333333ex 03	.770000000000ex 09	.153679653679ex-06
8	.122500000000ex 03	.551666666665ex 09	.222054380665ex-06
9	.125833333333ex 03	.323333333333ex 09	.389175257731ex-06
10	.483333333333ex 02	.486666666666ex 09	.993150684932ex-07
			.343751223377ex-06

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-13 (Gum Ghatti)

Organism: TA-1530

Treatment: MAXIMUM

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.750000000000ex 01	.226666666666ex 09	.330882352942ex-07
2	.116666666666ex 02	.613333333330ex 09	.190217391304ex-07
3	.750000000000ex 01	.758333333330ex 09	.989010989015ex-08
4	.100000000000ex 02	.516666666665ex 09	.193548387097ex-07
5	.108333333333ex 02	.335000000000ex 09	.323383084576ex-07
6	.133333333333ex 02	.410000000000ex 09	.325203252031ex-07
7	.125000000000ex 02	.518333333330ex 09	.241157556271ex-07
8	.200000000000ex 02	.816666666665ex 09	.244897959184ex-07
			.243523885287ex-07

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.983333333330ex 02	.836666666665ex 09	.117529880477ex-06
2	.675000000000ex 02	.361666666666ex 09	.186635944700ex-06
3	.102500000000ex 03	.743333333330ex 09	.137892376682ex-06
4	.891666666665ex 02	.415000000000ex 09	.214859437750ex-06
5	.425000000000ex 02	.511666666665ex 09	.830618892510ex-07
6	.700000000000ex 02	.226666666666ex 09	.308823529412ex-06
7	.908333333330ex 02	.246666666666ex 09	.368243243242ex-06
8	.450000000000ex 02	.355000000000ex 09	.126760563380ex-06
			.192975858111ex-06

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-13 (Gum Ghatti)

Organism: TA-1530

Treatment: INTERMEDIATE

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.275000000000ex 02	.566666666665ex 09	.485294117648ex-07
2	.833333333330ex 00	.683333333330ex 09	.121951219512ex-08
3	.133333333333ex 02	.701666666665ex 09	.190023752969ex-07
4	.425000000000ex 02	.600000000000ex 09	.708333333333ex-07
5	.500000000000ex 01	.350000000000ex 09	.142857142857ex-07
6	.141666666666ex 02	.103333333333ex 10	.137096774193ex-07
7	.108333333333ex 02	.333333333333ex 09	.324999999999ex-07
			.285828606132ex-07

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.925000000000ex 02	.108833333333ex 10	.849923430324ex-07
2	.124166666666ex 03	.946666666665ex 09	.131161971830ex-06
3	.316666666666ex 03	.961666666665ex 09	.329289428076ex-06
4	.130000000000ex 03	.106333333333ex 10	.122257053291ex-06
5	.658333333330ex 02	.883333333330ex 09	.745283018866ex-07
6	.941666666665ex 02	.413333333333ex 09	.227822580644ex-06
7	.260000000000ex 03	.475000000000ex 09	.547368421052ex-06
8	.264166666666ex 03	.410000000000ex 09	.644308943087ex-06
			.270216130361ex-06

Table 2 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-13 (Gum Ghatti)

Organism: TA-1530

Treatment: USE

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.583333333330ex 01	.866666666665ex 09	.673076923074ex-08
2	.108333333333ex 02	.500000000000ex 09	.216666666666ex-07
3	.916666666665ex 01	.588333333330ex 09	.155807365439ex-07
4	.425000000000ex 02	.108333333333ex 10	.392307692308ex-07
5	.166666666666ex 02	.908333333330ex 09	.183486238532ex-07
6	.750000000000ex 01	.733333333330ex 09	.102272727273ex-07
7	.150000000000ex 02	.563333333330ex 09	.266272189350ex-07
8	.133333333333ex 02	.273333333333ex 09	.487804878048ex-07
			.233990681238ex-07

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.131666666666ex 03	.948333333330ex 09	.138840070298ex-06
2	.135000000000ex 03	.936666666665ex 09	.144128113879ex-06
3	.100000000000ex 03	.102333333333ex 10	.977198697071ex-07
4	.102500000000ex 03	.810000000000ex 09	.126543209876ex-06
5	.131666666666ex 03	.106333333333ex 10	.123824451410ex-06
6	.958333333330ex 02	.923333333330ex 09	.103790613718ex-06
7	.134166666666ex 03	.850000000000ex 09	.157843137254ex-06
8	.725000000000ex 02	.178333333333ex 09	.406542056075ex-06
9	.141666666666ex 03	.803333333330ex 09	.176348547717ex-06
			.163953341102ex-06

Table 3 (Continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-13 (Gum Ghatti)

Organism: D-3

Treatment: (+) CONTROL

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.220000000000ex 05	.291666666666ex 08	.754285714287ex-03
2	.215000000000ex 05	.253333333333ex 08	.848684210527ex-03
3	.440000000000ex 05	.330000000000ex 08	.133333333333ex-02
4	.315000000000ex 05	.516666666665ex 08	.609677419356ex-03
5	.370000000000ex 05	.323333333333ex 08	.114432989690ex-02
6	.310000000000ex 05	.268333333333ex 08	.115527950310ex-02
7	.465000000000ex 05	.380000000000ex 08	.122368421052ex-02
8	.750000000000ex 04	.567500000000ex 07	.132158590308ex-02
9	.155000000000ex 05	.353333333333ex 08	.438679245283ex-03
			.981059937374ex-03

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-13 (Gum Ghatti)

Organism: D-3

Treatment: (-) CONTROL

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.650000000000ex 04	.463333333333ex 08	.140287769784ex-03
2	.450000000000ex 04	.363333333333ex 08	.123853211009ex-03
3	.500000000000ex 03	.490000000000ex 07	.102040816326ex-03
4	.600000000000ex 04	.346666666666ex 08	.173076923077ex-03
5	.300000000000ex 04	.178333333333ex 08	.168224299065ex-03
6	.750000000000ex 04	.526666666665ex 08	.142405063291ex-03
7	.650000000000ex 04	.393333333333ex 08	.165254237288ex-03
8	.300000000000ex 04	.405000000000ex 08	.740740740740ex-04
9	.350000000000ex 04	.318333333333ex 08	.109947643979ex-03
			.133240448653ex-03

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.350000000000ex 04	.181666666666ex 08	.192660550459ex-03
2	.250000000000ex 04	.291666666666ex 08	.857142857144ex-04
3	.500000000000ex 04	.366666666666ex 08	.136363636363ex-03
4	.250000000000ex 04	.256666666666ex 08	.974025974028ex-04
5	.450000000000ex 04	.149500000000ex 08	.301003344481ex-03
6	.500000000000ex 04	.128500000000ex 08	.389105058365ex-03
7	.300000000000ex 04	.135000000000ex 08	.222222222222ex-03
8	.500000000000ex 03	.442500000000ex 07	.112994350282ex-03
			.192183255660ex-03

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-13 (Gum Ghatti)

Organism: D-3

Treatment: MAXIMUM

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.250000000000ex 04	.328333333333ex 08	.761421319797ex-04
2	.200000000000ex 04	.318333333333ex 08	.628272251309ex-04
3	.400000000000ex 04	.286666666666ex 08	.139534883721ex-03
4	.300000000000ex 04	.183333333333ex 08	.163636363636ex-03
5	.200000000000ex 04	.162500000000ex 08	.123076923076ex-03
6	.250000000000ex 04	.121500000000ex 08	.205761316872ex-03
7	.700000000000ex 04	.183333333333ex 08	.381818181818ex-03
8	.450000000000ex 04	.191666666666ex 08	.234782608696ex-03
			.173447454365ex-03

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.350000000000ex 04	.178750000000ex 08	.195804195804ex-03
2	.350000000000ex 04	.291666666666ex 08	.120000000000ex-03
3	.150000000000ex 04	.107750000000ex 08	.139211136890ex-03
4	.200000000000ex 04	.271666666666ex 08	.736196319020ex-04
5	.350000000000ex 04	.225000000000ex 08	.155555555555ex-03
6	.100000000000ex 04	.161750000000ex 08	.618238021638ex-04
7	.450000000000ex 04	.155250000000ex 08	.289855072463ex-03
8	.450000000000ex 04	.213750000000ex 08	.210526315789ex-03
9	.150000000000ex 04	.150750000000ex 08	.995024875621ex-04
10	.450000000000ex 04	.185000000000ex 08	.243243243243ex-03
			.158914144135ex-03

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-13 (Gum Ghatti)

Organism: D-3

Treatment: INTERMEDIATE

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.150000000000ex 04	.665000000000ex 07	.225563909774ex-03
2	.300000000000ex 04	.246666666666ex 08	.121621621621ex-03
3	.250000000000ex 04	.246666666666ex 08	.101351351351ex-03
4	.500000000000ex 04	.326666666666ex 08	.153061224490ex-03
5	.250000000000ex 04	.266666666666ex 08	.937500000002ex-04
6	.300000000000ex 04	.178333333333ex 08	.168224299065ex-03
7	.200000000000ex 04	.196666666666ex 08	.101694915254ex-03
8	.600000000000ex 04	.206666666666ex 08	.290322580646ex-03
9	.100000000000ex 04	.121000000000ex 08	.826446280991ex-04
			.148692725587ex-03

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.300000000000ex 04	.189000000000ex 08	.158730158730ex-03
2	.100000000000ex 04	.655000000000ex 07	.152671755725ex-03
3	.700000000000ex 04	.340000000000ex 08	.205882352941ex-03
4	.500000000000ex 04	.213333333333ex 08	.234375000000ex-03
5	.250000000000ex 04	.245000000000ex 08	.102040816326ex-03
6	.200000000000ex 04	.862500000000ex 07	.231884057971ex-03
7	.500000000000ex 03	.178333333333ex 08	.280373831776ex-04
8	.400000000000ex 04	.155000000000ex 08	.258064516129ex-03
9	.150000000000ex 04	.186666666666ex 08	.803571428574ex-04
10	.200000000000ex 04	.191666666666ex 08	.104347826087ex-03
			.155639100991ex-03

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-13 (Gum Ghatti)

Organism: D-3

Treatment: USE

A. Acute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.350000000000ex 04	.205000000000ex 08	.170731707317ex-03
2	.225000000000ex 04	.186666666666ex 08	.120535714286ex-03
3	.350000000000ex 04	.173333333333ex 08	.201923076923ex-03
4	.150000000000ex 04	.140000000000ex 08	.107142857142ex-03
5	.350000000000ex 04	.657500000000ex 07	.532319391634ex-03
6	.200000000000ex 04	.195000000000ex 08	.102564102564ex-03
7	.100000000000ex 04	.119750000000ex 08	.835073068893ex-04
			.188389165248ex-03

B. Subacute

Mouse No.	Ave. No. Mutant Colonies or Recombinants/ml	Ave. No. Colony Forming Units/ml	Mutation or Recombination Frequency
1	.400000000000ex 04	.365000000000ex 08	.109589041095ex-03
2	.200000000000ex 04	.178333333333ex 08	.112149532710ex-03
3	.450000000000ex 04	.261666666666ex 08	.171974522293ex-03
4	.250000000000ex 04	.325000000000ex 08	.769230769230ex-04
5	.300000000000ex 04	.290000000000ex 08	.103448275862ex-03
6	.550000000000ex 04	.126500000000ex 08	.434782608695ex-03
7	.150000000000ex 04	.897500000000ex 07	.167130919220ex-03
8	.500000000000ex 03	.572500000000ex 07	.873362445414ex-04
9	.350000000000ex 04	.657500000000ex 07	.532319391634ex-03
10	.350000000000ex 04	.196666666666ex 08	.177966101695ex-03
			.197361971465ex-03

TABLE 4

HOST-MEDIATED ASSAY
IN VITRO MUTAGENICITY OF COMPOUND 71-13 (Gum Ghatti)

Salmonella typhimurium G-46

5% w/v 71-13	EMS
negative	positive

Salmonella typhimurium TA-1530

5% w/v 71-13	EMS
negative	positive

Saccharomyces cerevisiae D-3

Compound	Concentration	Survival (%)	Recombinants/10^5 Survivors	RFt/RFc
71-13	1% w/v	103.8	4.31	0.60
EMS	0.1% w/v	68.9	289.80	35.21
EMS Control (-)	--	100	8.23	1.00
ompound Control (-)	--	100	7.16	1.00

Table 5

CYTOGENETIC ASSAY
METAPHASE SUMMARY SHEET BY TIME OF SACRIFICE
Compound 71-13

Dosage (mg/kg)	Time*	Mitotic Index (%)	No. of Animals	No. of Cells	Cells with Breaks (%)	Cells with Rearrangements (%)	Cells with More than One Type of Aber. (%)	Cells with Aber. (%)
TEM (0.4 mg/kg)	6	1.0	5	231	7.8	0.4	0	8.2
Negative Control	6	2.55	3	150	1.3	0	0	1.3
30 mg/kg	6	1.65	5	250	2.4	0	0	2.4
2500 mg/kg	6	1.25	5	245	1.2	0	0	1.2
5000 mg/kg	6	1.6	5	218	1.4	0	0	1.4
Negative Control	24	1.6	3	141	2.8	0	0	2.8
30 mg/kg	24	1.95	5	250	0	0	0	0
2500 mg/kg	24	2.1	5	250	2.4	0	0	2.4
5000 mg/kg	24	2.2	5	250	1.2	0	0	1.2
Negative Control	48	3.35	3	127	2.4	0	0	2.4
30 mg/kg	48	2.65	5	250	1.2	0	0	1.2
2500 mg/kg	48	2.1	5	250	0.4	0	0	0.4
5000 mg/kg	48	2.25	5	245	1.2	0	0	1.2
Negative Control	SA**	2.15	3	150	0	0	0	0
30 mg/kg	SA	1.5	5	235	0.8	0	0	0.8
2500 mg/kg	SA	1.2	5	176	0	0	0	0
5000 mg/kg	SA	2.6	5	250	1.2	0.4	0	1.6

* Time of sacrifice after treatment (hours)
** SA = Subacute

Table 6

CYTOGENETIC ASSAY
ANAPHASE SUMMARY SHEET
Compound 71-13

Dosage	Time*	No. of Cells	Cells with Acentric Fragments (%)	Cells with Bridges (%)	Multipolar Cells (%)	Other (Abnormal) (%)	Cells with More than One Type Aber. (%)	Cells with Aber. (%)
Negative Control	42	112	3.6	5.4	1.8	0	0	10.7
0.16 µg/ml	42	142	3.5	9.1	0	0	1.4	11.3
1.6 µg/ml	42	110	3.6	7.2	0.9	0.9	0	12.7
16 µg/ml	42	154	5.2	3.2	2.6	0	2.6	8.4
TEM (0.05 µg/ml)	24	55	34.5	9.1	7.3	41.8	25.5	65.5

* Time of harvest after treatment (hours)

DOMINANT LETHAL GENE-RAT

Table 7

AVERAGE IMPLANTATIONS PER PREGNANT FEMALE

Compound: Gum Ghatti
FDA No: 71-13

Week of Study	Control (10 ml/kg)	TEM (0.2 mg/kg)	71-13 (30 mg/kg)	71-13 (2.5 g/kg)	71-13 (5 g/kg)
Acute-Single Dose					
1	183/17=10.8	159/14=11.4	139/13=10.7	179/15=11.9	178/18= 9.9
2	248/20=12.4	189/18=10.5	213/18=11.8	226/19=11.9	242/20=12.1
3	236/20=11.8	197/20= 9.9	214/17=12.6	213/17=12.5	242/20=12.1
4	254/20=12.7	116/20= 5.8**	243/19=12.8	249/20=12.5	244/20=12.2
5	247/20=12.4	234/20=11.7	227/19=12.0	247/20=12.4	259/20=13.0
6	262/20=13.1	267/20=13.4	205/16=12.8	222/17=13.1	258/20=12.9
7	262/20=13.1	244/20=12.2	249/19=13.1	236/19=12.4	268/20=13.4
8	193/17=11.4	264/20=13.2*I	205/16=12.8	253/20=12.7	255/20=12.8
Subacute-Multiple Dose					
1			175/15=11.7	191/16=11.9	174/16=10.9
2			278/20=13.9**I	187/16=11.7	185/16=11.6
3			247/20=12.4	188/16=11.8	210/18=11.7
4			242/19=12.7	201/16=12.6	236/20=11.8
5			253/20=12.7	174/14=12.4	230/19=12.1
6			254/20=12.7	204/16=12.8	230/19=12.1
7			261/20=13.1	187/16=11.7	244/20=12.2

* Significant at $P < 0.05$
** Significant at $P < 0.01$
I Increased above control

DOMINANT LETHAL GENE-RAT

Table 8

AVERAGE DEAD IMPLANTS PER PREGNANT FEMALE

				Compound:	Gum Ghatti
				FDA No:	71-13
Week of Study	Control (10 ml/kg)	TEM (0.2 mg/kg)	71- (30 mg/kg)	71- (2.5 g/kg)	71- (5 g/kg)
Acute-Single Dose					
1	9/17=0.53	53/14=3.79**	13/13=1.00	17/15=1.13	18/18=1.00
2	13/20=0.65	115/18=6.39**	8/18=0.44	12/19=0.63	26/20=1.30
3	13/20=0.65	146/20=7.30**	13/17=0.76	14/17=0.82	16/20=0.80
4	10/20=0.50	103/20=5.15**	15/19=0.79	27/20=1.35	16/20=0.80
5	25/20=1.25	48/20=2.40	13/19=0.68	23/20=1.15	10/20=0.50
6	11/20=0.55	29/20=1.45*	13/16=0.81	20/17=1.18	23/20=1.15
7	16/20=0.80	12/20=0.60	10/19=0.53	10/19=0.53	17/20=0.85
8	18/17=1.06	16/20=0.80	17/16=1.06	12/20=0.60	18/20=0.90
Subacute-Multiple Dose					
1			18/15=1.20	6/16=0.38	6/16=0.38
2			20/20=1.00	23/16=1.44	22/16=1.37
3			17/20=0.85	9/16=0.56	20/18=1.11
4			16/19=0.84	5/16=0.31	14/20=0.70
5			12/20=0.60	6/14=0.43	11/19=0.58
6			13/20=0.65	7/16=0.44	16/19=0.84
7			14/20=0.70	16/16=1.00	20/20=1.00

* Significant at $P < 0.05$
** Significant at $P < 0.01$

Table 9.

DEAD IMPLANTS/TOTAL IMPLANTS

				Compound: FDA No:	Gum Ghatti 71-13
Week of Study	Control (10 ml/kg)	TEM (0.2 mg/kg)	71- (30 mg/kg)	71- (2.5 g/kg)	71- (5 g/kg)
Acute-Single Dose					
1	9/183=0.05	53/159=0.33**	13/139=0.09	17/179=0.09	18/178=0.10
2	13/248=0.05	115/189=0.61**	8/213=0.04	12/226=0.05	26/242=0.11
3	13/236=0.06	146/197=0.74**	13/214=0.06	14/213=0.07	16/242=0.07
4	10/254=0.04	103/116=0.89**	15/243=0.06	27/249=0.11	16/244=0.07
5	25/247=0.10	48/234=0.21	13/227=0.06	23/247=0.09	10/259=0.04
6	11/262=0.04	29/267=0.11**	13/205=0.06	20/222=0.09	23/258=0.09
7	16/262=0.06	12/244=0.05	10/249=0.04	10/236=0.04	17/268=0.06
8	18/193=0.09	16/264=0.06	17/205=0.08	12/253=0.05	18/255=0.07
Subacute-Multiple Dose					
1			18/175=0.10	6/191=0.03	6/174=0.03
2			20/278=0.07	23/187=0.12	22/185=0.12
3			17/247=0.07	9/188=0.05	20/210=0.10
4			16/242=0.07	5/201=0.02	14/236=0.06
5			12/253=0.05	6/174=0.03	11/230=0.05
6			13/254=0.05	7/204=0.03	16/230=0.07
7			14/261=0.05	16/187=0.09	20/244=0.08

* Significant at $P < 0.05$
** Significant at $P < 0.01$

DOMINANT LETHAL GENE-RAT

Table 10

AVERAGE CORPORA LUTEA PER PREGNANT FEMALE

				Compound:	Gum Ghatti
				FDA No:	71-13
Week of Study	Control (10 ml/kg)	TEM (0.2 mg/kg)	71- 13 (30 mg/kg)	71-13 (2.5 g/kg)	71-13 (5 g/kg)
Acute-Single Dose					
1	207/17=12.2	178/14=12.7	157/13=12.1	187/15=12.5	203/18=11.3
2	259/20=13.0	234/18=13.0	220/18=12.2	241/19=12.7	261/20=13.1
3	262/20=13.1	258/20=12.9	227/17=13.4	226/17=13.3	258/20=12.9
4	267/20=13.4	225/20=11.3**	255/19=13.4	269/20=13.5	266/20=13.3
5	261/20=13.1	253/20=12.7	248/19=13.1	258/20=12.9	261/20=13.1
6	277/20=13.9	297/20=14.9*I	220/16=13.8	243/17=14.3	289.20=14.5
7	273/20=13.7	261/20=13.1	258/19=13.6	255/19=13.4	283/20=14.2
8	223/17=13.1	282/20=14.1*I	222/16=13.9	266/20=13.3	282/20=14.1
Subacute-Multiple Dose					
1			184/15=12.3	202/16=12.6	206/16=12.9
2			290/20=14.5**I	204/16=12.8	215/16=13.4
3			262/20=13.1	208/16=13.0	240/18=13.3
4			255/19=13.4	215/16=13.4	264/20=13.2
5			279/20=14.0	185/14=13.2	243/19=12.8
6			273/20=13.7	221/16=13.8	245/19=12.9*
7			273/20=13.7	212/16=13.3	266/20=13.3

* Significant at $P < 0.05$
** Significant at $P < 0.01$
I Increase above control

Table 11

AVERAGE PRIMPLANTATION LOSS PER PREGNANT FEMALE

Compound: Gum Ghatti
FDA No: 71-13

Week of Study	Control (10 ml/kg)	TEM (0.2 mg/kg)	71- 13 (30 mg/kg)	71-13 (2.5 g/kg)	71-13 (5 g/kg)
Acute-Single Dose					
1	24/17=1.41	19/14=1.36	18/13=1.38	8/15=0.53	25/18=1.39
2	11/20=0.55	45/18=2.50*	7/18=0.39	15/19=0.79	19/20=0.95
3	26/20=1.30	61/20=3.05*	13/17=0.76	13/17=0.76	16/20=0.80
4	13/20=0.65	109/20=5.45**	12/19=0.63	20/20=1.00	22/20=1.10
5	14/20=0.70	19/20=0.95	21/19=1.11	11/20=0.55	3/20=0.15*D
6	15/20=0.75	30/20=1.50	15/16=0.94	21/17=1.24	31/20=1.55
7	11/20=0.55	17/20=0.85	9/19=0.47	19/19=1.00	15/20=0.75
8	30/17=1.76	18/20=0.90	17/16=1.06	13/20=0.65	27/20=1.35
Subacute-Multiple Dose					
1			9/15=0.60	11/16=0.69	32/16=2.00
2			12/20=0.60	17/16=1.06	30/16=1.88
3			15/20=0.75	20/16=1.25	30/18=1.67
4			13/19=0.68	14/16=0.88	28/20=1.40
5			26/20=1.30	11/14=0.79	13/19=0.68
6			19/20=0.95	17/16=1.06	15/19=0.79
7			12/20=0.60	25/16=1.56	22/20=1.10

* Significant at $P < 0.05$
** Significant at $P < 0.01$
D Decreased below control

August 1972

Compound Report No. 6 (Statistical Addendum--Dominant Lethal Gene Data)

STUDY OF MUTAGENIC EFFECTS OF GUM GHATTI (FDA No. 71-13)

Prepared for:

DHEW/PUBLIC HEALTH SERVICE
Food and Drug Administration
Rockville, Maryland

Contract No. FDA 71-267

SRI Project LSU-1348

Submitted by:

G. W. Newell and W. A. Maxwell

Approved:

W. A. Skinner

W. A. Skinner, Executive Director
Life Sciences Division

STATISTICAL SUMMARY

This addendum presents statistical treatment of the dominant lethal gene data for Gum Ghatti, using the procedural outline of Miss Janet Springer, FDA. A description of the statistical procedures and an explanation of how the computations are accomplished were presented as Appendix A of Compound Report No. 8, Guar Gum (71-16). Summary tables of experimental data also are included for reference.

A review of these statistical evaluations continues to support the conclusions presented in the main report: i.e., Gum Ghatti is not a mutagenic substance by the dominant lethal gene test.

Table 7

AVERAGE IMPLANTATIONS PER PREGNANT FEMALE

Compound: Gum Ghatti
FDA No: 71-13

Week of Study	Control (10 ml/kg)	TEM (0.2 mg/kg)	71-13 (30 mg/kg)	71-13 (2.5 g/kg)	71-13 (5 g/kg)
Acute-Single Dose					
1	183/17=10.8	159/14=11.4	139/13=10.7	179/15=11.9	178/18= 9.9
2	248/20=12.4	189/18=10.5*	213/18=11.8	226/19=11.9	242/20=12.1
3	236/20=11.8	197/20= 9.9	214/17=12.6	213/17=12.5	242/20=12.1
4	254/20=12.7	116/20= 5.8**	243/19=12.8	249/20=12.5	244/20=12.2
5	247/20=12.4	234/20=11.7	227/19=12.0	247/20=12.4	259/20=13.0
6	262/20=13.1	267/20=13.4	205/16=12.8	222/17=13.1	258/20=12.9
7	262/20=13.1	244/20=12.2	249/19=13.1	236/19=12.4	268/20=13.4
8	193/17=11.4	264/20=13.2*I	205/16=12.8	253/20=12.7	255/20=12.8
Subacute-Multiple Dose					
1			175/15=11.7	191/16=11.9	174/16=10.9
2			278/20=13.9**I	187/16=11.7	185/16=11.6
3			247/20=12.4	188/16=11.8	210/18=11.7
4			242/19=12.7	201/16=12.6	236/20=11.8
5			253/20=12.7	174/14=12.4	230/19=12.1
6			254/20=12.7	204/16=12.8	230/19=12.1
7			261/20=13.1	187/16=11.7	244/20=12.2

* Significant at $P < 0.05$
** Significant at $P < 0.01$
I Increased above control

Table 8

AVERAGE DEAD IMPLANTS PER PREGNANT FEMALE

				Compound: FDA No:	Gum Ghatti 71-13
Week of Study	Control (10 ml/kg)	TEM (0.2 mg/kg)	71- (30 mg/kg)	71- (2.5 g/kg)	71- (5 g/kg)
Acute-Single Dose					
1	9/17=0.53	53/14=3.79**	13/13=1.00	17/15=1.13	18/18=1.00
2	13/20=0.65	115/18=6.39**	8/18=0.44	12/19=0.63	26/20=1.30
3	13/20=0.65	146/20=7.30**	13/17=0.76	14/17=0.82	16/20=0.80
4	10/20=0.50	103/20=5.15**	15/19=0.79	27/20=1.35	16/20=0.80
5	25/20=1.25	48/20=2.40	13/19=0.68	23/20=1.15	10/20=0.50
6	11/20=0.55	29/20=1.45**	13/16=0.81	20/17=1.18	23/20=1.15
7	16/20=0.80	12/20=0.60	10/19=0.53	10/19=0.53	17/20=0.85
8	18/17=1.06	16/20=0.80	17/16=1.06	12/20=0.60	18/20=0.90
Subacute-Multiple Dose					
1			18/15=1.20	6/16=0.38	6/16=0.38
2			20/20=1.00	23/16=1.44	22/16=1.37
3			17/20=0.85	9/16=0.56	20/18=1.11
4			16/19=0.84	5/16=0.31	14/20=0.70
5			12/20=0.60	6/14=0.43	11/19=0.58
6			13/20=0.65	7/16=0.44	16/19=0.84
7			14/20=0.70	16/16=1.00	20/20=1.00

* Significant at $P < 0.05$
** Significant at $P < 0.01$

Table 9.

DEAD IMPLANTS/TOTAL IMPLANTS

				Compound: FDA No:	Gum Ghatti 71-13
Week of Study	Control (10 ml/kg)	TEM (0.2 mg/kg)	71- (30 mg/kg)	71- (2.5 g/kg)	71- (5 g/kg)
Acute-Single Dose					
1	9/183=0.05	53/159=0.33**	13/139=0.09	17/179=0.09	18/178=0.10
2	13/248=0.05	115/189=0.61**	8/213=0.04	12/226=0.05	26/242=0.11
3	13/236=0.06	146/197=0.74**	13/214=0.06	14/213=0.07	16/242=0.07
4	10/254=0.04	103/116=0.89**	15/243=0.06	27/249=0.11	16/244=0.07
5	25/247=0.10	48/234=0.21 *	13/227=0.06	23/247=0.09	10/259=0.04
6	11/262=0.04	29/267=0.11**	13/205=0.06	20/222=0.09	23/258=0.09
7	16/262=0.06	12/244=0.05	10/249=0.04	10/236=0.04	17/268=0.06
8	18/193=0.09	16/264=0.06	17/205=0.08	12/253=0.05	18/255=0.07
Subacute-Multiple Dose					
1			18/175=0.10	6/191=0.03	6/174=0.03
2			20/278=0.07	23/187=0.12	22/185=0.12
3			17/247=0.07	9/188=0.05	20/210=0.10
4			16/242=0.07	5/201=0.02	14/236=0.06
5			12/253=0.05	6/174=0.03	11/230=0.05
6			13/254=0.05	7/204=0.03	16/230=0.07
7			14/261=0.05	16/187=0.09	20/244=0.08

* Significant at $P < 0.05$
** Significant at $P < 0.01$

DOMINANT LETHAL GENE-RAT

Table 10

AVERAGE CORPORA LUTEA PER PREGNANT FEMALE

				Compound:	Gum Ghatti
				FDA No:	71-13
Week of Study	Control (10 ml/kg)	TEM (0.2 mg/kg)	71- 13 (30 mg/kg)	71-13 (2.5 g/kg)	71-13 (5 g/kg)
Acute-Single Dose					
1	207/17=12.2	178/14=12.7	157/13=12.1	187/15=12.5	203/18=11.3
2	259/20=13.0	234/18=13.0	220/18=12.2	241/19=12.7	261/20=13.1
3	262/20=13.1	258/20=12.9	227/17=13.4	226/17=13.3	258/20=12.9
4	267/20=13.4	225/20=11.3**	255/19=13.4	269/20=13.5	266/20=13.3
5	261/20=13.1	253/20=12.7	248/19=13.1	258/20=12.9	261/20=13.1
6	277/20=13.9	297/20=14.9	220/16=13.8	243/17=14.3	289.20=14.5
7	273/20=13.7	261/20=13.1	258/19=13.6	255/19=13.4	283/20=14.2
8	223/17=13.1	282/20=14.1*I	222/16=13.9	266/20=13.3	282/20=14.1
Subacute-Multiple Dose					
1			184/15=12.3	202/16=12.6	206/16=12.9
2			290/20=14.5**I	204/16=12.8	215/16=13.4
3			262/20=13.1	208/16=13.0	240/18=13.3
4			255/19=13.4	215/16=13.4	264/20=13.2
5			279/20=14.0	185/14=13.2	243/19=12.8
6			273/20=13.7	221/16=13.8	245/19=12.9*
7			273/20=13.7	212/16=13.3	266/20=13.3

* Significant at $P < 0.05$
** Significant at $P < 0.01$
I Increase above control

Table 11

AVERAGE PRIMPLANTATION LOSS PER PREGNANT FEMALE

Compound: Gum Ghatti
FDA No: 71-13

Week of Study	Control (10 ml/kg)	TEM (0.2 mg/kg)	71- 13 (30 mg/kg)	71-13 (2.5 g/kg)	71-13 (5 g/kg)
Acute-Single Dose					
1	24/17=1.41	19/14=1.36	18/13=1.38	8/15=0.53	25/18=1.39
2	11/20=0.55	45/18=2.50**	7/18=0.39	15/19=0.79	19/20=0.95
3	26/20=1.30	61/20=3.05*	13/17=0.76	13/17=0.76	16/20=0.80
4	13/20=0.65	109/20=5.45**	12/19=0.63	20/20=1.00	22/20=1.10
5	14/20=0.70	19/20=0.95	21/19=1.11	11/20=0.55	3/20=0.15*D
6	15/20=0.75	30/20=1.50	15/16=0.94	21/17=1.24	31/20=1.55
7	11/20=0.55	17/20=0.85	9/19=0.47	19/19=1.00	15/20=0.75
8	30/17=1.76	18/20=0.90	17/16=1.06	13/20=0.65	27/20=1.35
Subacute-Multiple Dose					
1			9/15=0.60	11/16=0.69	32/16=2.00
2			12/20=0.60	17/16=1.06	30/16=1.88
3			15/20=0.75	20/16=1.25	30/18=1.67
4			13/19=0.68	14/16=0.88	28/20=1.40
5			26/20=1.30	11/14=0.79	13/19=0.68
6			19/20=0.95	17/16=1.06	15/19=0.79
7			12/20=0.60	25/16=1.56	22/20=1.10

* Significant at $P < 0.05$
** Significant at $P < 0.01$
D Decreased below control

Raw Data and Statistical Analyses

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DOMINANT LETHAL GENE STUDY OF COMPOUND 71-13 GHATTI GUM

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
CNTRL13	1	S	-0.0000	1	1	Y	0	1	0	0	0	0	4	7
CNTRL13	1	S	-0.0000	1	2	Y	6	5	0	0	0	0	6	5
CNTRL13	1	S	-0.0000	2	3	Y	7	5	0	0	0	0	8	5
CNTRL13	1	S	-0.0000	2	4	Y	8	4	1	0	0	0	8	4
CNTRL13	1	S	-0.0000	3	5	Y	7	5	0	0	1	1	7	5
CNTRL13	1	S	-0.0000	3	6	N	-0	-0	-0	-0	-0	-0	-0	-0
CNTRL13	1	S	-0.0000	4	7	Y	3	3	0	0	1	0	7	7
CNTRL13	1	S	-0.0000	4	8	Y	4	5	0	0	0	0	4	5
CNTRL13	1	S	-0.0000	5	9	Y	5	6	0	0	0	0	5	7
CNTRL13	1	S	-0.0000	5	10	Y	10	5	1	0	0	0	10	5
CNTRL13	1	S	-0.0000	6	11	Y	5	5	0	0	0	1	5	5
CNTRL13	1	S	-0.0000	6	12	Y	4	7	0	0	0	0	4	7
CNTRL13	1	S	-0.0000	7	13	Y	5	8	0	0	0	0	6	8
CNTRL13	1	S	-0.0000	7	14	N	-0	-0	-0	-0	-0	-0	-0	-0
CNTRL13	1	S	-0.0000	8	15	Y	5	7	0	1	0	0	5	7
CNTRL13	1	S	-0.0000	8	16	Y	8	4	1	0	0	0	8	4
CNTRL13	1	S	-0.0000	9	17	Y	8	5	0	0	0	1	9	6
CNTRL13	1	S	-0.0000	9	18	Y	6	4	0	0	0	0	7	4
CNTRL13	1	S	-0.0000	10	19	Y	3	10	0	0	0	0	3	10
CNTRL13	1	S	-0.0000	10	20	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	.0300	21	41	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	.0300	21	42	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	.0300	22	43	Y	6	6	0	0	0	0	6	6
71-13	1	S	.0300	22	44	Y	4	7	0	0	1	0	6	7
71-13	1	S	.0300	23	45	Y	2	8	0	0	0	0	2	8
71-13	1	S	.0300	23	46	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	.0300	24	47	Y	5	5	0	0	0	0	5	6
71-13	1	S	.0300	24	48	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	.0300	25	49	Y	8	4	0	0	0	0	9	5
71-13	1	S	.0300	25	50	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	.0300	26	51	Y	7	5	0	0	0	0	7	5
71-13	1	S	.0300	26	52	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	.0300	27	53	Y	8	4	0	0	1	0	8	4
71-13	1	S	.0300	27	54	Y	5	6	0	0	0	2	5	6
71-13	1	S	.0300	28	55	Y	4	6	1	2	0	0	4	6
71-13	1	S	.0300	28	56	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	.0300	29	57	Y	6	6	0	0	0	0	7	10
71-13	1	S	.0300	29	58	Y	3	7	0	0	0	1	3	7
71-13	1	S	.0300	30	59	Y	5	4	0	0	0	0	5	8
71-13	1	S	.0300	30	60	Y	1	7	1	3	0	1	4	8

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	1	S	2.5000	31	61	Y	7	6	0	0	0	0	8	6
71-13	1	S	2.5000	31	62	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	2.5000	32	63	Y	6	8	0	0	0	1	6	8
71-13	1	S	2.5000	32	64	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	2.5000	33	65	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	2.5000	33	66	Y	7	8	1	1	0	0	7	8
71-13	1	S	2.5000	34	67	Y	3	9	0	0	0	0	3	9
71-13	1	S	2.5000	34	68	Y	3	5	0	0	1	2	3	7
71-13	1	S	2.5000	35	69	Y	7	7	0	0	0	0	7	7
71-13	1	S	2.5000	35	70	Y	5	8	0	0	0	0	5	8
71-13	1	S	2.5000	36	71	Y	9	3	0	0	0	0	9	3
71-13	1	S	2.5000	36	72	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	2.5000	37	73	Y	7	6	0	0	3	1	8	6
71-13	1	S	2.5000	37	74	Y	5	6	0	2	1	3	5	6
71-13	1	S	2.5000	38	75	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	2.5000	38	76	Y	5	5	0	0	1	0	5	5
71-13	1	S	2.5000	39	77	Y	6	6	0	0	0	0	6	6
71-13	1	S	2.5000	39	78	Y	4	8	0	0	0	0	4	8
71-13	1	S	2.5000	40	78	Y	6	7	0	0	0	0	6	7
71-13	1	S	2.5000	40	80	Y	0	7	0	0	0	0	4	7
71-13	1	S	5.0000	41	81	Y	5	5	0	0	0	0	6	7
71-13	1	S	5.0000	41	82	Y	8	3	1	0	0	0	8	3
71-13	1	S	5.0000	42	83	Y	2	8	0	0	0	0	3	8
71-13	1	S	5.0000	42	84	Y	6	6	0	1	0	0	6	6
71-13	1	S	5.0000	43	85	Y	6	6	0	0	0	1	6	6
71-13	1	S	5.0000	43	86	Y	0	1	0	0	0	0	1	3
71-13	1	S	5.0000	44	87	Y	2	0	2	0	0	0	5	2
71-13	1	S	5.0000	44	88	Y	6	6	1	0	1	3	7	6
71-13	1	S	5.0000	45	89	Y	6	5	0	0	0	0	7	5
71-13	1	S	5.0000	45	90	Y	9	4	0	0	0	0	9	4
71-13	1	S	5.0000	46	91	Y	1	0	0	0	1	0	2	4
71-13	1	S	5.0000	46	92	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	5.0000	47	93	Y	4	6	0	0	0	0	5	6
71-13	1	S	5.0000	47	94	Y	7	4	0	1	0	0	7	4
71-13	1	S	5.0000	48	95	Y	6	5	0	0	0	1	8	5
71-13	1	S	5.0000	48	96	Y	6	8	1	3	0	0	6	11
71-13	1	S	5.0000	49	97	Y	6	5	0	0	0	0	6	5
71-13	1	S	5.0000	49	98	Y	7	5	0	0	0	0	7	5
71-13	1	S	5.0000	50	99	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	S	5.0000	50	100	Y	9	5	0	0	1	0	9	5

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
TEM13	1	S	.0002	11	21	Y	7	5	0	0	3	1	7	5
TEM13	1	S	.0002	11	22	Y	9	3	0	0	9	2	9	4
TEM13	1	S	.0002	12	23	Y	5	8	2	0	1	0	6	8
TEM13	1	S	.0002	12	24	Y	5	8	3	3	1	0	5	9
TEM13	1	S	.0002	13	25	Y	7	7	0	0	1	0	7	7
TEM13	1	S	.0002	13	26	Y	8	5	1	1	1	2	9	5
TEM13	1	S	.0002	14	27	Y	8	5	1	0	0	0	9	5
TEM13	1	S	.0002	14	28	N	-0	-0	-0	-0	-0	-0	-0	-0
TEM13	1	S	.0002	15	29	Y	7	6	1	0	0	0	9	7
TEM13	1	S	.0002	15	30	N	-0	-0	-0	-0	-0	-0	-0	-0
TEM13	1	S	.0002	16	31	N	-0	-0	-0	-0	-0	-0	-0	-0
TEM13	1	S	.0002	16	32	N	-0	-0	-0	-0	-0	-0	-0	-0
TEM13	1	S	.0002	17	33	Y	1	1	0	0	0	1	3	6
TEM13	1	S	.0002	17	34	Y	4	7	0	0	1	4	4	7
TEM13	1	S	.0002	18	35	Y	4	7	1	1	0	0	4	7
TEM13	1	S	.0002	18	36	N	-0	-0	-0	-0	-0	-0	-0	-0
TEM13	1	S	.0002	19	37	Y	5	7	0	0	1	2	5	7
TEM13	1	S	.0002	19	38	N	-0	-0	-0	-0	-0	-0	-0	-0
TEM13	1	S	.0002	20	39	Y	5	2	5	2	0	0	8	3
TEM13	1	S	.0002	20	40	Y	8	5	1	1	0	0	8	5
CNTRL13	1	M	-0.0000	1	1	Y	0	1	0	0	0	0	4	7
CNTRL13	1	M	-0.0000	1	2	Y	6	5	0	0	0	0	6	5
CNTRL13	1	M	-0.0000	2	3	Y	7	5	0	0	0	0	8	5
CNTRL13	1	M	-0.0000	2	4	Y	8	4	1	0	0	0	8	4
CNTRL13	1	M	-0.0000	3	5	Y	7	5	0	0	1	1	7	5
CNTRL13	1	M	-0.0000	3	6	N	-0	-0	-0	-0	-0	-0	-0	-0
CNTRL13	1	M	-0.0000	4	7	Y	3	3	0	0	1	0	7	7
CNTRL13	1	M	-0.0000	4	8	Y	4	5	0	0	0	0	4	5
CNTRL13	1	M	-0.0000	5	9	Y	5	6	0	0	0	0	5	7
CNTRL13	1	M	-0.0000	5	10	Y	10	5	1	0	0	0	10	5
CNTRL13	1	M	-0.0000	6	11	Y	5	5	0	0	0	1	5	5
CNTRL13	1	M	-0.0000	6	12	Y	4	7	0	0	0	0	4	7
CNTRL13	1	M	-0.0000	7	13	Y	5	8	0	0	0	0	6	8
CNTRL13	1	M	-0.0000	7	14	N	-0	-0	-0	-0	-0	-0	-0	-0
CNTRL13	1	M	-0.0000	8	15	Y	5	7	0	1	0	0	5	7
CNTRL13	1	M	-0.0000	8	16	Y	8	4	1	0	0	0	8	4
CNTRL13	1	M	-0.0000	9	17	Y	8	5	0	0	0	1	9	6
CNTRL13	1	M	-0.0000	9	18	Y	6	4	0	0	0	0	7	4
CNTRL13	1	M	-0.0000	10	19	Y	3	10	0	0	0	0	3	10
CNTRL13	1	M	-0.0000	10	20	N	-0	-0	-0	-0	-0	-0	-0	-0

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	1	M	.0300	11	21	Y	5	7	0	0	1	1	5	7
71-13	1	M	.0300	11	22	Y	7	8	0	1	2	2	8	8
71-13	1	M	.0300	12	23	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	M	.0300	12	24	Y	2	7	0	0	0	0	2	10
71-13	1	M	.0300	13	25	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	M	.0300	13	26	Y	4	6	0	0	0	0	4	6
71-13	1	M	.0300	14	27	Y	6	4	0	0	2	0	7	4
71-13	1	M	.0300	14	28	Y	7	4	1	0	0	0	8	4
71-13	1	M	.0300	15	29	Y	10	3	0	0	2	0	11	3
71-13	1	M	.0300	15	30	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	M	.0300	16	31	Y	9	5	0	0	0	0	9	5
71-13	1	M	.0300	16	32	Y	4	7	0	0	0	0	5	8
71-13	1	M	.0300	17	33	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	M	.0300	17	34	Y	4	6	0	0	0	0	4	6
71-13	1	M	.0300	18	35	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	M	.0300	18	36	Y	9	3	0	1	0	0	9	3
71-13	1	M	.0300	19	37	Y	6	7	0	1	1	3	6	7
71-13	1	M	.0300	19	38	Y	4	6	0	0	0	0	4	6
71-13	1	M	.0300	20	39	Y	6	6	0	0	0	0	6	6
71-13	1	M	.0300	20	40	Y	6	7	0	0	0	0	6	7
71-13	1	M	2.5000	21	41	Y	10	3	1	0	0	0	10	3
71-13	1	M	2.5000	21	42	Y	8	6	0	0	0	0	8	6
71-13	1	M	2.5000	22	43	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	M	2.5000	22	44	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	M	2.5000	23	45	Y	6	5	0	0	0	0	6	5
71-13	1	M	2.5000	23	46	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	M	2.5000	24	47	Y	5	8	0	0	0	0	5	8
71-13	1	M	2.5000	24	48	Y	7	6	0	0	0	0	7	7
71-13	1	M	2.5000	25	49	Y	5	8	0	0	0	0	5	8
71-13	1	M	2.5000	25	50	Y	5	7	0	0	0	0	5	7
71-13	1	M	2.5000	26	51	Y	6	5	0	0	0	0	8	5
71-13	1	M	2.5000	26	52	Y	7	5	0	0	0	0	7	5
71-13	1	M	2.5000	27	53	Y	6	4	0	0	0	0	6	5
71-13	1	M	2.5000	27	54	Y	7	4	0	0	0	0	7	4
71-13	1	M	2.5000	28	55	Y	6	7	1	1	0	0	6	9
71-13	1	M	2.5000	28	56	Y	7	3	0	1	0	0	7	3
71-13	1	M	2.5000	29	57	Y	5	6	0	0	0	0	6	8
71-13	1	M	2.5000	29	58	Y	5	8	0	0	0	1	6	9
71-13	1	M	2.5000	30	59	Y	5	6	0	0	1	0	5	6
71-13	1	M	2.5000	30	60	N	-0	-0	-0	-0	-0	-0	-0	-0

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	1	M	5.0000	31	61	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	M	5.0000	31	62	Y	5	6	0	0	0	0	5	6
71-13	1	M	5.0000	32	63	Y	6	9	0	0	0	0	6	9
71-13	1	M	5.0000	32	64	Y	6	5	0	0	0	0	6	5
71-13	1	M	5.0000	33	65	Y	7	6	0	0	1	0	7	6
71-13	1	M	5.0000	33	66	Y	6	7	0	0	0	0	6	7
71-13	1	M	5.0000	34	67	Y	6	5	0	0	0	0	9	6
71-13	1	M	5.0000	34	68	Y	7	7	0	0	0	1	7	7
71-13	1	M	5.0000	35	69	Y	1	0	1	0	0	0	6	4
71-13	1	M	5.0000	35	70	Y	6	6	0	0	1	1	6	6
71-13	1	M	5.0000	36	71	Y	3	10	0	0	0	0	3	10
71-13	1	M	5.0000	36	72	Y	6	7	0	0	0	0	6	7
71-13	1	M	5.0000	37	73	Y	0	6	0	0	0	0	10	8
71-13	1	M	5.0000	37	74	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	M	5.0000	38	75	Y	5	5	0	0	1	0	5	5
71-13	1	M	5.0000	38	76	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	M	5.0000	39	77	Y	8	4	0	0	0	0	9	4
71-13	1	M	5.0000	39	78	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	1	M	5.0000	40	79	Y	6	5	0	0	0	0	7	6
71-13	1	M	5.0000	40	80	Y	6	2	0	0	0	0	6	8

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
CNTRL13	2	S	-0.0000	1	1	Y	9	5	0	1	0	1	9	5
CNTRL13	2	S	-0.0000	1	2	Y	4	6	0	0	0	0	4	6
CNTRL13	2	S	-0.0000	2	3	Y	6	6	0	0	0	0	6	6
CNTRL13	2	S	-0.0000	2	4	Y	9	5	0	0	0	1	9	5
CNTRL13	2	S	-0.0000	3	5	Y	7	5	0	0	1	0	9	5
CNTRL13	2	S	-0.0000	3	6	Y	3	9	0	0	0	0	3	9
CNTRL13	2	S	-0.0000	4	7	Y	6	9	0	1	1	0	6	9
CNTRL13	2	S	-0.0000	4	8	Y	6	6	0	0	0	0	6	8
CNTRL13	2	S	-0.0000	5	9	Y	9	2	0	0	1	0	9	2
CNTRL13	2	S	-0.0000	5	10	Y	7	6	0	0	0	0	7	6
CNTRL13	2	S	-0.0000	6	11	Y	6	7	0	0	0	0	6	7
CNTRL13	2	S	-0.0000	6	12	Y	8	3	0	2	0	0	8	3
CNTRL13	2	S	-0.0000	7	13	Y	4	8	0	0	0	0	5	8
CNTRL13	2	S	-0.0000	7	14	Y	5	5	0	0	1	1	5	6
CNTRL13	2	S	-0.0000	8	15	Y	6	7	0	0	0	0	6	7
CNTRL13	2	S	-0.0000	8	16	Y	7	7	0	0	0	0	7	7
CNTRL13	2	S	-0.0000	9	17	Y	4	8	0	0	0	0	4	8
CNTRL13	2	S	-0.0000	9	18	Y	5	5	0	0	0	0	7	7
CNTRL13	2	S	-0.0000	10	19	Y	9	6	0	0	0	0	9	6
CNTRL13	2	S	-0.0000	10	20	Y	7	6	0	1	1	0	8	6
71-13	2	S	.0300	21	41	Y	7	5	0	0	1	0	7	5
71-13	2	S	.0300	21	42	Y	3	7	0	0	0	1	4	9
71-13	2	S	.0300	22	43	Y	9	5	1	0	0	0	9	6
71-13	2	S	.0300	22	44	Y	5	6	0	0	0	0	5	6
71-13	2	S	.0300	23	45	Y	5	6	1	1	0	0	5	6
71-13	2	S	.0300	23	46	Y	2	7	0	0	0	0	2	7
71-13	2	S	.0300	24	47	Y	4	7	0	0	0	0	4	7
71-13	2	S	.0300	24	48	Y	6	5	0	0	0	0	6	5
71-13	2	S	.0300	25	49	Y	6	8	0	0	0	1	7	8
71-13	2	S	.0300	25	50	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	2	S	.0300	26	51	Y	4	8	0	0	0	0	4	8
71-13	2	S	.0300	26	52	Y	6	5	0	0	0	0	6	5
71-13	2	S	.0300	27	53	Y	10	4	0	0	0	0	10	4
71-13	2	S	.0300	27	54	Y	2	9	0	0	0	0	2	9
71-13	2	S	.0300	28	55	Y	5	7	1	0	0	0	5	7
71-13	2	S	.0300	28	56	Y	6	7	0	0	0	0	7	8
71-13	2	S	.0300	29	57	Y	7	6	0	0	0	0	7	6
71-13	2	S	.0300	29	58	Y	5	5	0	0	1	0	5	5
71-13	2	S	.0300	30	59	Y	6	8	0	0	0	0	6	8
71-13	2	S	.0300	30	60	N	-0	-0	-0	-0	-0	-0	-0	-0

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	2	S	2.5000	31	61	Y	5	7	0	0	0	0	6	7
71-13	2	S	2.5000	31	62	Y	5	6	0	0	1	0	5	6
71-13	2	S	2.5000	32	63	Y	4	7	0	0	0	0	5	8
71-13	2	S	2.5000	32	64	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	2	S	2.5000	33	65	Y	5	9	0	0	0	0	5	10
71-13	2	S	2.5000	33	66	Y	7	4	0	0	0	0	7	5
71-13	2	S	2.5000	34	67	Y	7	5	0	0	0	0	7	5
71-13	2	S	2.5000	34	68	Y	5	9	0	0	0	0	5	9
71-13	2	S	2.5000	35	69	Y	6	7	0	0	0	0	6	7
71-13	2	S	2.5000	35	70	Y	5	7	0	0	0	0	5	7
71-13	2	S	2.5000	36	71	Y	2	5	0	0	0	0	9	5
71-13	2	S	2.5000	36	72	Y	6	7	0	0	0	0	7	7
71-13	2	S	2.5000	37	73	Y	4	8	0	0	0	0	4	8
71-13	2	S	2.5000	37	74	Y	6	5	0	0	0	0	7	5
71-13	2	S	2.5000	38	75	Y	6	8	0	0	2	2	6	8
71-13	2	S	2.5000	38	76	Y	6	8	0	0	2	3	6	8
71-13	2	S	2.5000	39	77	Y	6	4	2	0	0	0	6	5
71-13	2	S	2.5000	39	78	Y	7	4	0	0	0	0	7	4
71-13	2	S	2.5000	40	79	Y	7	6	0	0	0	0	7	6
71-13	2	S	2.5000	40	80	Y	2	9	0	0	0	0	2	9
71-13	2	S	5.0000	41	81	Y	5	8	0	0	1	0	5	8
71-13	2	S	5.0000	41	82	Y	8	5	0	0	1	0	8	5
71-13	2	S	5.0000	42	83	Y	3	7	0	0	1	1	5	7
71-13	2	S	5.0000	42	84	Y	4	8	0	1	0	0	4	8
71-13	2	S	5.0000	43	85	Y	3	3	3	3	0	0	6	7
71-13	2	S	5.0000	43	86	Y	8	8	0	0	0	0	8	8
71-13	2	S	5.0000	44	87	Y	5	9	0	0	0	0	7	9
71-13	2	S	5.0000	44	88	Y	4	9	0	0	0	0	4	9
71-13	2	S	5.0000	45	89	Y	7	7	0	0	0	0	7	8
71-13	2	S	5.0000	45	90	Y	4	8	0	0	0	0	4	8
71-13	2	S	5.0000	46	91	Y	5	4	0	0	0	0	9	6
71-13	2	S	5.0000	46	92	Y	6	4	0	0	0	0	6	4
71-13	2	S	5.0000	47	93	Y	7	6	0	1	3	3	7	6
71-13	2	S	5.0000	47	94	Y	7	7	0	0	0	0	7	7
71-13	2	S	5.0000	48	95	Y	9	5	1	0	0	0	9	5
71-13	2	S	5.0000	48	96	Y	6	8	0	1	1	0	6	8
71-13	2	S	5.0000	49	97	Y	5	5	0	0	0	0	5	6
71-13	2	S	5.0000	49	98	Y	8	4	0	0	0	0	8	4
71-13	2	S	5.0000	50	99	Y	3	9	0	0	1	3	3	9
71-13	2	S	5.0000	50	100	Y	5	6	0	0	1	0	5	6

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
TEM13	2	S	.0002	11	21	Y	10	5	0	0	7	3	10	5
TEM13	2	S	.0002	11	22	Y	5	8	4	6	0	0	5	8
TEM13	2	S	.0002	12	23	Y	6	9	5	5	0	0	6	9
TEM13	2	S	.0002	12	24	Y	6	3	0	0	5	3	9	6
TEM13	2	S	.0002	13	25	Y	8	4	0	0	4	2	13	6
TEM13	2	S	.0002	13	26	Y	2	9	0	0	2	4	3	9
TEM13	2	S	.0002	14	27	Y	3	6	0	0	3	6	7	8
TEM13	2	S	.0002	14	28	Y	8	5	0	0	5	3	8	6
TEM13	2	S	.0002	15	29	Y	5	7	0	1	3	1	5	8
TEM13	2	S	.0002	15	30	Y	3	5	0	0	1	4	4	6
TEM13	2	S	.0002	16	31	Y	4	2	0	0	4	2	7	2
TEM13	2	S	.0002	16	32	Y	4	2	0	1	4	1	7	3
TEM13	2	S	.0002	17	33	Y	5	6	0	0	2	2	5	6
TEM13	2	S	.0002	17	34	Y	10	3	0	0	9	3	10	4
TEM13	2	S	.0002	18	35	Y	6	4	0	0	1	1	7	4
TEM13	2	S	.0002	18	36	Y	5	7	0	0	1	1	5	7
TEM13	2	S	.0002	19	37	Y	4	9	0	0	2	4	5	10
TEM13	2	S	.0002	19	38	Y	1	0	0	0	0	0	8	3
TEM13	2	S	.0002	20	39	N	-0	-0	-0	-0	-0	-0	-0	-0
TEM13	2	S	.0002	20	40	N	-0	-0	-0	-0	-0	-0	-0	-0
CNTRL13	2	M	-0.0000	1	1	Y	9	5	0	1	0	1	9	5
CNTRL13	2	M	-0.0000	1	2	Y	4	6	0	0	0	0	4	6
CNTRL13	2	M	-0.0000	2	3	Y	6	6	0	0	0	0	6	6
CNTRL13	2	M	-0.0000	2	4	Y	9	5	0	0	0	1	9	5
CNTRL13	2	M	-0.0000	3	5	Y	7	5	0	0	1	0	9	5
CNTRL13	2	M	-0.0000	3	6	Y	3	9	0	0	0	0	3	9
CNTRL13	2	M	-0.0000	4	7	Y	6	9	0	1	1	0	6	9
CNTRL13	2	M	-0.0000	4	8	Y	6	6	0	0	0	0	6	8
CNTRL13	2	M	-0.0000	5	9	Y	9	2	0	0	1	0	9	2
CNTRL13	2	M	-0.0000	5	10	Y	7	6	0	0	0	0	7	6
CNTRL13	2	M	-0.0000	6	11	Y	6	7	0	0	0	0	6	7
CNTRL13	2	M	-0.0000	6	12	Y	8	3	0	2	0	0	8	3
CNTRL13	2	M	-0.0000	7	13	Y	4	8	0	0	0	0	5	8
CNTRL13	2	M	-0.0000	7	14	Y	5	5	0	0	1	1	5	6
CNTRL13	2	M	-0.0000	8	15	Y	6	7	0	0	0	0	6	7
CNTRL13	2	M	-0.0000	8	16	Y	7	7	0	0	0	0	7	7
CNTRL13	2	M	-0.0000	9	17	Y	4	8	0	0	0	0	4	8
CNTRL13	2	M	-0.0000	9	18	Y	5	5	0	0	0	0	7	7
CNTRL13	2	M	-0.0000	10	19	Y	9	6	0	0	0	0	9	6
CNTRL13	2	M	-0.0000	10	20	Y	7	6	0	1	1	0	8	6

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	2	M	.0300	11	21	Y	7	9	1	0	1	0	7	9
71-13	2	M	.0300	11	22	Y	6	9	0	0	0	1	6	9
71-13	2	M	.0300	12	23	Y	6	7	0	0	0	1	6	9
71-13	2	M	.0300	12	24	Y	7	8	0	0	0	0	7	8
71-13	2	M	.0300	13	25	Y	5	9	0	0	0	1	5	9
71-13	2	M	.0300	13	26	Y	4	11	0	0	1	1	4	12
71-13	2	M	.0300	14	27	Y	4	9	0	0	0	0	4	10
71-13	2	M	.0300	14	28	Y	4	10	0	0	1	1	5	10
71-13	2	M	.0300	15	29	Y	9	6	0	0	1	0	9	6
71-13	2	M	.0300	15	30	Y	7	8	0	0	0	0	7	8
71-13	2	M	.0300	16	31	Y	9	6	0	1	2	0	10	7
71-13	2	M	.0300	16	32	Y	3	11	0	0	0	0	3	11
71-13	2	M	.0300	17	33	Y	7	6	0	0	0	0	7	6
71-13	2	M	.0300	17	34	Y	9	3	1	0	0	0	9	4
71-13	2	M	.0300	18	35	Y	7	6	0	0	0	0	7	6
71-13	2	M	.0300	18	36	Y	1	10	0	0	0	0	1	10
71-13	2	M	.0300	19	37	Y	8	6	0	0	0	0	8	7
71-13	2	M	.0300	19	38	Y	5	8	1	0	0	1	5	8
71-13	2	M	.0300	20	39	Y	7	4	1	1	2	0	7	7
71-13	2	M	.0300	20	40	Y	8	9	0	0	0	0	8	9
71-13	2	M	2.5000	21	41	Y	5	6	0	0	0	0	5	6
71-13	2	M	2.5000	21	42	Y	10	5	1	0	0	0	10	5
71-13	2	M	2.5000	22	43	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	2	M	2.5000	22	44	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	2	M	2.5000	23	45	Y	4	9	0	0	1	1	4	9
71-13	2	M	2.5000	23	46	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	2	M	2.5000	24	47	Y	7	6	0	0	0	0	7	6
71-13	2	M	2.5000	24	48	Y	3	0	0	0	0	0	3	8
71-13	2	M	2.5000	25	49	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	2	M	2.5000	25	50	Y	4	9	1	4	1	1	4	9
71-13	2	M	2.5000	26	51	Y	7	6	0	1	0	0	7	6
71-13	2	M	2.5000	26	52	Y	8	3	0	0	0	0	8	4
71-13	2	M	2.5000	27	53	Y	4	9	0	0	0	0	4	9
71-13	2	M	2.5000	27	54	Y	5	7	0	3	0	0	5	7
71-13	2	M	2.5000	28	55	Y	8	5	0	0	0	0	9	5
71-13	2	M	2.5000	28	56	Y	8	4	0	0	0	0	8	4
71-13	2	M	2.5000	29	57	Y	4	2	1	0	2	0	4	7
71-13	2	M	2.5000	29	58	Y	4	7	0	1	1	1	5	8
71-13	2	M	2.5000	30	59	Y	7	6	0	0	1	1	7	6
71-13	2	M	2.5000	30	60	Y	9	6	0	1	0	0	9	6

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	2	M	5.0000	31	61	Y	8	4	0	0	3	1	8	4
71-13	2	M	5.0000	31	62	Y	7	6	0	0	2	2	9	8
71-13	2	M	5.0000	32	63	Y	6	5	0	0	0	0	6	5
71-13	2	M	5.0000	32	64	Y	6	8	0	0	0	2	6	8
71-13	2	M	5.0000	33	65	Y	3	10	0	0	0	1	3	10
71-13	2	M	5.0000	33	66	Y	6	4	0	0	0	0	6	4
71-13	2	M	5.0000	34	67	Y	0	6	0	0	0	0	7	6
71-13	2	M	5.0000	34	68	Y	9	6	0	0	0	0	9	7
71-13	2	M	5.0000	35	69	Y	3	9	0	1	1	2	3	10
71-13	2	M	5.0000	35	70	Y	0	4	0	0	0	1	11	4
71-13	2	M	5.0000	36	71	Y	2	10	0	0	0	1	4	10
71-13	2	M	5.0000	36	72	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	2	M	5.0000	37	73	Y	4	10	0	0	1	3	4	10
71-13	2	M	5.0000	37	74	Y	6	6	0	0	1	0	7	8
71-13	2	M	5.0000	38	75	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	2	M	5.0000	38	76	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	2	M	5.0000	39	77	Y	8	2	0	0	0	0	9	2
71-13	2	M	5.0000	39	78	Y	6	7	0	0	0	0	6	7
71-13	2	M	5.0000	40	79	Y	5	9	0	0	0	0	5	9
71-13	2	M	5.0000	40	80	N	-0	-0	-0	-0	-0	-0	-0	-0

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
CNTRL13	3	S	-0.0000	1	1	Y	9	4	0	0	0	0	9	4
CNTRL13	3	S	-0.0000	1	2	Y	5	4	0	0	0	0	12	4
CNTRL13	3	S	-0.0000	2	3	Y	4	10	1	2	0	0	4	10
CNTRL13	3	S	-0.0000	2	4	Y	8	9	0	0	0	0	8	9
CNTRL13	3	S	-0.0000	3	5	Y	7	6	0	0	0	1	7	6
CNTRL13	3	S	-0.0000	3	6	Y	6	5	1	0	0	0	6	5
CNTRL13	3	S	-0.0000	4	7	Y	8	6	0	0	0	0	8	6
CNTRL13	3	S	-0.0000	4	8	Y	5	4	0	0	1	0	5	4
CNTRL13	3	S	-0.0000	5	9	Y	7	6	0	0	0	0	7	6
CNTRL13	3	S	-0.0000	5	10	Y	8	4	1	0	0	0	8	4
CNTRL13	3	S	-0.0000	6	11	Y	6	7	0	1	0	0	6	7
CNTRL13	3	S	-0.0000	6	12	Y	8	3	0	0	0	0	8	3
CNTRL13	3	S	-0.0000	7	13	Y	2	0	2	0	0	0	4	2
CNTRL13	3	S	-0.0000	7	14	Y	5	8	1	1	0	0	5	10
CNTRL13	3	S	-0.0000	8	15	Y	3	8	0	0	0	0	5	11
CNTRL13	3	S	-0.0000	8	16	Y	6	7	0	1	0	0	6	7
CNTRL13	3	S	-0.0000	9	17	Y	5	6	0	0	0	0	5	6
CNTRL13	3	S	-0.0000	9	18	Y	6	8	0	0	0	0	7	12
CNTRL13	3	S	-0.0000	10	19	Y	4	8	0	0	0	0	4	10
CNTRL13	3	S	-0.0000	10	20	Y	4	7	0	0	0	0	5	7
71-13	3	S	.0300	21	41	Y	5	9	0	0	0	1	5	9
71-13	3	S	.0300	21	42	Y	7	7	1	1	0	0	7	7
71-13	3	S	.0300	22	43	Y	7	6	0	1	0	0	8	6
71-13	3	S	.0300	22	44	Y	7	6	0	1	0	0	7	6
71-13	3	S	.0300	23	45	Y	0	6	0	0	0	0	6	6
71-13	3	S	.0300	23	46	Y	5	7	0	0	0	0	5	8
71-13	3	S	.0300	24	47	Y	8	5	0	0	0	0	9	5
71-13	3	S	.0300	24	48	Y	10	5	0	0	0	0	10	8
71-13	3	S	.0300	25	49	Y	3	5	0	0	0	2	3	5
71-13	3	S	.0300	25	50	Y	-0	-0	-0	-0	-0	-0	-0	-0
71-13	3	S	.0300	26	51	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	3	S	.0300	26	52	Y	8	6	0	0	0	0	9	6
71-13	3	S	.0300	27	53	Y	5	6	0	1	0	0	5	6
71-13	3	S	.0300	27	54	Y	8	7	0	0	0	0	8	7
71-13	3	S	.0300	28	55	Y	7	7	0	0	0	0	7	7
71-13	3	S	.0300	28	56	Y	6	6	0	1	0	0	6	6
71-13	3	S	.0300	29	57	Y	6	7	0	1	0	0	6	7
71-13	3	S	.0300	29	58	Y	7	5	1	1	0	0	7	5
71-13	3	S	.0300	30	59	Y	7	8	0	1	0	0	7	8
71-13	3	S	.0300	30	60	N	-0	-0	-0	-0	-0	-0	-0	-0

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	3	S	2.5000	31	61	Y	8	3	0	0	0	0	9	5
71-13	3	S	2.5000	31	62	Y	4	8	1	0	0	0	4	9
71-13	3	S	2.5000	32	63	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	3	S	2.5000	32	64	Y	7	6	0	0	0	0	7	7
71-13	3	S	2.5000	33	65	Y	9	5	0	0	0	0	10	5
71-13	3	S	2.5000	33	66	Y	5	5	0	0	0	0	5	5
71-13	3	S	2.5000	34	67	Y	5	7	0	0	1	3	6	7
71-13	3	S	2.5000	34	68	Y	6	7	0	0	0	0	6	7
71-13	3	S	2.5000	35	69	Y	8	6	0	0	0	0	8	6
71-13	3	S	2.5000	35	70	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	3	S	2.5000	36	71	Y	8	5	0	0	1	0	8	5
71-13	3	S	2.5000	36	72	Y	8	5	0	0	1	0	8	5
71-13	3	S	2.5000	37	73	Y	4	6	0	1	0	0	4	6
71-13	3	S	2.5000	37	74	Y	5	5	0	0	0	1	6	5
71-13	3	S	2.5000	38	75	Y	7	5	0	1	0	0	8	5
71-13	3	S	2.5000	38	76	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	3	S	2.5000	39	77	Y	6	7	0	0	0	0	6	7
71-13	3	S	2.5000	39	78	Y	7	6	0	0	1	0	7	6
71-13	3	S	2.5000	40	79	Y	8	7	0	0	0	1	9	9
71-13	3	S	2.5000	40	80	Y	7	8	1	0	0	1	8	8
71-13	3	S	5.0000	41	81	Y	10	4	0	0	0	2	10	4
71-13	3	S	5.0000	41	82	Y	7	0	0	0	0	0	7	5
71-13	3	S	5.0000	42	83	Y	4	7	0	1	0	0	4	9
71-13	3	S	5.0000	42	84	Y	3	10	0	0	0	0	3	10
71-13	3	S	5.0000	43	85	Y	6	5	1	0	0	0	6	5
71-13	3	S	5.0000	43	86	Y	5	7	0	0	0	0	5	7
71-13	3	S	5.0000	44	87	Y	9	5	0	0	0	1	9	5
71-13	3	S	5.0000	44	88	Y	4	9	0	0	2	3	4	9
71-13	3	S	5.0000	45	89	Y	6	6	0	0	0	0	6	6
71-13	3	S	5.0000	45	90	Y	8	5	0	0	0	1	8	5
71-13	3	S	5.0000	46	91	Y	3	10	0	2	0	1	3	10
71-13	3	S	5.0000	46	92	Y	7	3	0	0	0	0	8	3
71-13	3	S	5.0000	47	93	Y	5	8	0	0	0	0	5	8
71-13	3	S	5.0000	47	94	Y	9	4	0	0	0	0	9	4
71-13	3	S	5.0000	48	95	Y	4	9	0	1	0	0	5	9
71-13	3	S	5.0000	48	96	Y	6	7	0	0	0	0	6	7
71-13	3	S	5.0000	49	97	Y	0	8	0	0	0	0	6	8
71-13	3	S	5.0000	49	98	Y	6	7	0	0	0	1	7	7
71-13	3	S	5.0000	50	99	Y	6	5	0	0	0	0	6	5
71-13	3	S	5.0000	50	100	Y	8	7	0	0	0	0	8	7

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
TEM13	3	S	.0002	11	21	Y	4	5	0	0	3	5	5	6
TEM13	3	S	.0002	11	22	Y	4	5	0	0	2	3	7	5
TEM13	3	S	.0002	12	23	Y	4	2	0	0	4	2	8	3
TEM13	3	S	.0002	12	24	Y	7	5	7	3	0	1	8	6
TEM13	3	S	.0002	13	25	Y	6	5	3	0	3	1	9	5
TEM13	3	S	.0002	13	26	Y	5	10	3	3	0	1	5	10
TEM13	3	S	.0002	14	27	Y	6	6	2	5	4	0	6	7
TEM13	3	S	.0002	14	28	Y	4	4	4	3	0	0	7	6
TEM13	3	S	.0002	15	29	Y	10	3	7	2	2	0	10	3
TEM13	3	S	.0002	15	30	Y	0	1	0	0	0	1	5	7
TEM13	3	S	.0002	16	31	Y	4	7	2	2	2	5	5	8
TEM13	3	S	.0002	16	32	Y	5	7	5	5	0	1	5	9
TEM13	3	S	.0002	17	33	Y	7	4	0	3	0	0	8	7
TEM13	3	S	.0002	17	34	Y	3	8	3	6	0	1	3	9
TEM13	3	S	.0002	18	35	Y	7	3	6	3	0	0	9	6
TEM13	3	S	.0002	18	36	Y	1	0	0	0	1	0	7	4
TEM13	3	S	.0002	19	37	Y	6	5	0	3	2	2	6	6
TEM13	3	S	.0002	19	38	Y	7	4	0	0	6	1	7	5
TEM13	3	S	.0002	20	39	Y	1	10	0	0	0	5	2	12
TEM13	3	S	.0002	20	40	Y	6	6	0	0	3	5	6	6
CNTRL13	3	M	-0.0000	1	1	Y	9	4	0	0	0	0	9	4
CNTRL13	3	M	-0.0000	1	2	Y	5	4	0	0	0	0	12	4
CNTRL13	3	M	-0.0000	2	3	Y	4	10	1	2	0	0	4	10
CNTRL13	3	M	-0.0000	2	4	Y	8	9	0	0	0	0	8	9
CNTRL13	3	M	-0.0000	3	5	Y	7	6	0	0	0	1	7	6
CNTRL13	3	M	-0.0000	3	6	Y	6	5	1	0	0	0	6	5
CNTRL13	3	M	-0.0000	4	7	Y	8	6	0	0	0	0	8	6
CNTRL13	3	M	-0.0000	4	8	Y	5	4	0	0	1	0	5	4
CNTRL13	3	M	-0.0000	5	9	Y	7	6	0	0	0	0	7	6
CNTRL13	3	M	-0.0000	5	10	Y	8	4	1	0	0	0	8	4
CNTRL13	3	M	-0.0000	6	11	Y	6	7	0	1	0	0	6	7
CNTRL13	3	M	-0.0000	6	12	Y	8	3	0	0	0	0	8	3
CNTRL13	3	M	-0.0000	7	13	Y	2	0	2	0	0	0	4	2
CNTRL13	3	M	-0.0000	7	14	Y	5	8	1	1	0	0	5	10
CNTRL13	3	M	-0.0000	8	15	Y	3	8	0	0	0	0	5	11
CNTRL13	3	M	-0.0000	8	16	Y	6	7	0	1	0	0	6	7
CNTRL13	3	M	-0.0000	9	17	Y	5	6	0	0	0	0	5	6
CNTRL13	3	M	-0.0000	9	18	Y	6	8	0	0	0	0	7	12
CNTRL13	3	M	-0.0000	10	19	Y	4	8	0	0	0	0	4	10
CNTRL13	3	M	-0.0000	10	20	Y	4	7	0	0	0	0	5	7

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	3	M	.0300	11	21	Y	7	4	0	0	1	0	7	4
71-13	3	M	.0300	11	22	Y	5	6	1	0	0	0	6	6
71-13	3	M	.0300	12	23	Y	4	10	0	1	0	0	4	10
71-13	3	M	.0300	12	24	Y	6	7	0	0	0	0	6	7
71-13	3	M	.0300	13	25	Y	9	5	1	0	1	1	9	5
71-13	3	M	.0300	13	26	Y	3	10	0	0	1	0	3	11
71-13	3	M	.0300	14	27	Y	9	3	0	0	0	0	9	3
71-13	3	M	.0300	14	28	Y	7	9	0	0	0	0	7	9
71-13	3	M	.0300	15	29	Y	6	6	0	0	0	0	7	6
71-13	3	M	.0300	15	30	Y	8	5	1	0	0	0	8	6
71-13	3	M	.0300	16	31	Y	6	7	0	0	0	1	6	7
71-13	3	M	.0300	16	32	Y	8	4	0	0	0	0	9	4
71-13	3	M	.0300	17	33	Y	8	5	2	0	0	0	10	5
71-13	3	M	.0300	17	34	Y	6	4	1	0	0	0	7	6
71-13	3	M	.0300	18	35	Y	3	7	0	0	0	0	4	7
71-13	3	M	.0300	18	36	Y	8	5	2	1	0	0	8	6
71-13	3	M	.0300	19	37	Y	6	6	0	0	0	1	6	6
71-13	3	M	.0300	19	38	Y	5	6	0	0	0	0	5	8
71-13	3	M	.0300	20	39	Y	4	8	0	1	0	0	4	8
71-13	3	M	.0300	20	40	Y	3	9	0	0	0	0	4	9
71-13	3	M	2.5000	21	41	Y	7	3	1	0	0	0	7	3
71-13	3	M	2.5000	21	42	Y	8	4	0	0	0	0	8	4
71-13	3	M	2.5000	22	43	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	3	M	2.5000	22	44	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	3	M	2.5000	23	45	Y	2	8	0	0	0	0	3	10
71-13	3	M	2.5000	23	46	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	3	M	2.5000	24	47	Y	8	6	0	1	0	0	9	6
71-13	3	M	2.5000	24	48	Y	6	7	0	0	0	0	6	7
71-13	3	M	2.5000	25	49	Y	7	6	0	0	1	0	8	8
71-13	3	M	2.5000	25	50	Y	7	6	0	0	0	1	8	6
71-13	3	M	2.5000	26	51	Y	5	8	0	0	0	0	5	8
71-13	3	M	2.5000	26	52	Y	5	9	0	2	0	0	5	9
71-13	3	M	2.5000	27	53	Y	7	5	0	0	0	1	8	5
71-13	3	M	2.5000	27	54	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	3	M	2.5000	28	55	Y	8	4	0	0	0	0	8	4
71-13	3	M	2.5000	28	56	Y	5	5	0	0	0	0	5	5
71-13	3	M	2.5000	29	57	Y	6	6	0	0	0	0	6	6
71-13	3	M	2.5000	29	58	Y	8	5	0	0	2	0	8	5
71-13	3	M	2.5000	30	59	Y	6	8	0	0	0	0	7	8
71-13	3	M	2.5000	30	60	Y	0	3	0	0	0	0	7	6

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	3	M	5.0000	31	61	Y	3	6	0	0	0	0	3	7
71-13	3	M	5.0000	31	62	Y	3	8	1	0	0	1	3	8
71-13	3	M	5.0000	32	63	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	3	M	5.0000	32	69	Y	2	9	0	0	0	0	2	10
71-13	3	M	5.0000	33	65	Y	7	7	0	0	0	0	7	7
71-13	3	M	5.0000	33	66	Y	4	8	0	0	0	0	5	8
71-13	3	M	5.0000	34	67	Y	0	1	0	0	0	0	6	4
71-13	3	M	5.0000	34	68	Y	8	8	0	0	0	0	8	8
71-13	3	M	5.0000	35	69	Y	3	2	0	0	0	1	11	10
71-13	3	M	5.0000	35	70	Y	7	7	0	0	0	0	8	7
71-13	3	M	5.0000	36	71	Y	6	7	0	0	1	2	6	7
71-13	3	M	5.0000	36	72	Y	3	10	3	0	0	6	3	10
71-13	3	M	5.0000	37	73	Y	6	8	0	0	0	0	6	8
71-13	3	M	5.0000	37	74	Y	6	7	0	0	0	0	6	7
71-13	3	M	5.0000	38	75	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	3	M	5.0000	38	76	Y	6	5	0	1	0	0	6	6
71-13	3	M	5.0000	39	77	Y	6	5	0	0	0	0	6	5
71-13	3	M	5.0000	39	78	Y	8	7	0	0	0	0	8	7
71-13	3	M	5.0000	40	79	Y	6	5	0	0	0	0	6	5
71-13	3	M	5.0000	40	80	Y	9	7	2	1	1	0	9	7

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
CNTRL13	4	S	-0.0000	1	1	Y	8	8	0	0	0	0	8	8
CNTRL13	4	S	-0.0000	1	2	Y	8	5	0	0	0	1	8	5
CNTRL13	4	S	-0.0000	2	3	Y	6	7	0	0	0	0	6	7
CNTRL13	4	S	-0.0000	2	4	Y	3	9	0	1	0	0	3	9
CNTRL13	4	S	-0.0000	3	5	Y	5	7	0	0	2	0	5	7
CNTRL13	4	S	-0.0000	3	6	Y	7	7	0	0	0	1	7	7
CNTRL13	4	S	-0.0000	4	7	Y	7	6	0	0	0	0	7	7
CNTRL13	4	S	-0.0000	4	8	Y	4	8	0	0	0	0	4	8
CNTRL13	4	S	-0.0000	5	9	Y	5	7	1	0	0	0	5	7
CNTRL13	4	S	-0.0000	5	10	Y	3	11	0	0	0	1	3	11
CNTRL13	4	S	-0.0000	6	11	Y	10	5	0	0	0	0	10	5
CNTRL13	4	S	-0.0000	6	12	Y	7	5	0	0	0	0	7	6
CNTRL13	4	S	-0.0000	7	13	Y	5	7	0	0	0	0	5	8
CNTRL13	4	S	-0.0000	7	14	Y	8	6	0	0	1	0	8	6
CNTRL13	4	S	-0.0000	8	15	Y	9	3	0	0	0	0	9	3
CNTRL13	4	S	-0.0000	8	16	Y	12	3	1	0	0	0	12	3
CNTRL13	4	S	-0.0000	9	17	Y	5	3	0	0	0	0	7	8
CNTRL13	4	S	-0.0000	9	18	Y	6	5	0	0	0	0	8	5
CNTRL13	4	S	-0.0000	10	19	Y	7	6	0	1	0	0	7	7
CNTRL13	4	S	-0.0000	10	20	Y	8	3	0	0	0	0	8	3
71-13	4	S	.0300	21	41	Y	6	8	1	0	0	0	8	8
71-13	4	S	.0300	21	42	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	4	S	.0300	22	43	Y	9	5	0	0	0	0	9	5
71-13	4	S	.0300	22	44	Y	7	8	0	0	0	0	8	8
71-13	4	S	.0300	23	45	Y	8	5	0	0	0	0	8	7
71-13	4	S	.0300	23	46	Y	7	6	0	0	0	0	7	6
71-13	4	S	.0300	24	47	Y	7	6	0	0	0	0	7	6
71-13	4	S	.0300	24	48	Y	4	9	1	0	0	0	4	9
71-13	4	S	.0300	25	49	Y	4	8	0	0	0	0	4	10
71-13	4	S	.0300	25	50	Y	7	7	1	0	0	0	7	7
71-13	4	S	.0300	26	51	Y	8	6	0	1	0	0	8	6
71-13	4	S	.0300	26	52	Y	6	7	1	1	0	0	6	7
71-13	4	S	.0300	27	53	Y	3	7	0	0	0	0	5	7
71-13	4	S	.0300	27	54	Y	5	5	0	0	0	0	5	5
71-13	4	S	.0300	28	55	Y	6	6	0	1	0	0	6	6
71-13	4	S	.0300	28	56	Y	6	8	2	4	0	0	6	8
71-13	4	S	.0300	29	57	Y	4	7	0	0	0	1	5	7
71-13	4	S	.0300	29	58	Y	5	9	0	0	0	0	5	9
71-13	4	S	.0300	30	59	Y	7	3	0	0	0	0	8	3
71-13	4	S	.0300	30	60	Y	8	6	0	1	0	0	8	7

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	4	S	2.5000	31	61	Y	3	10	0	0	0	0	5	10
71-13	4	S	2.5000	31	62	Y	4	6	0	0	0	0	4	8
71-13	4	S	2.5000	32	63	Y	3	11	0	0	0	0	3	11
71-13	4	S	2.5000	32	64	Y	6	6	0	0	0	0	6	6
71-13	4	S	2.5000	33	65	Y	4	8	0	0	0	0	4	10
71-13	4	S	2.5000	33	66	Y	8	5	1	0	0	0	8	5
71-13	4	S	2.5000	34	67	Y	5	9	1	0	0	0	5	9
71-13	4	S	2.5000	34	68	Y	5	9	0	0	3	2	5	10
71-13	4	S	2.5000	35	69	Y	8	3	3	2	2	0	8	3
71-13	4	S	2.5000	35	70	Y	8	3	1	0	0	0	8	3
71-13	4	S	2.5000	36	71	Y	6	8	0	0	0	1	6	8
71-13	4	S	2.5000	36	72	Y	2	6	0	0	1	1	7	6
71-13	4	S	2.5000	37	73	Y	5	9	0	0	3	4	5	9
71-13	4	S	2.5000	37	74	Y	10	5	0	0	0	0	11	5
71-13	4	S	2.5000	38	75	Y	9	5	0	0	0	0	9	5
71-13	4	S	2.5000	38	76	Y	3	8	0	0	0	0	5	8
71-13	4	S	2.5000	39	77	Y	8	7	0	1	0	0	8	8
71-13	4	S	2.5000	39	78	Y	4	8	0	0	0	0	4	9
71-13	4	S	2.5000	40	79	Y	5	6	0	1	0	0	6	6
71-13	4	S	2.5000	40	80	Y	6	5	0	0	0	0	7	6
71-13	4	S	5.0000	41	81	Y	0	3	0	0	0	0	4	7
71-13	4	S	5.0000	41	82	Y	7	6	0	0	0	0	8	6
71-13	4	S	5.0000	42	83	Y	5	6	0	0	0	0	5	6
71-13	4	S	5.0000	42	84	Y	7	6	0	0	0	0	7	6
71-13	4	S	5.0000	43	85	Y	4	9	0	0	0	0	4	9
71-13	4	S	5.0000	43	86	Y	4	9	0	0	0	0	4	10
71-13	4	S	5.0000	44	87	Y	3	11	0	2	1	4	3	11
71-13	4	S	5.0000	44	88	Y	6	6	0	0	0	0	6	6
71-13	4	S	5.0000	45	89	Y	6	2	0	0	0	0	7	6
71-13	4	S	5.0000	45	90	Y	7	7	1	0	0	0	9	8
71-13	4	S	5.0000	46	91	Y	5	5	0	0	0	0	5	6
71-13	4	S	5.0000	46	92	Y	5	10	0	0	0	0	5	10
71-13	4	S	5.0000	47	93	Y	8	3	0	0	0	0	9	3
71-13	4	S	5.0000	47	94	Y	8	4	0	0	1	0	8	4
71-13	4	S	5.0000	48	95	Y	6	6	0	1	0	1	6	6
71-13	4	S	5.0000	48	96	Y	4	9	0	0	0	0	4	9
71-13	4	S	5.0000	49	97	Y	12	7	0	0	0	0	12	8
71-13	4	S	5.0000	49	98	Y	3	10	0	0	0	1	3	11
71-13	4	S	5.0000	50	99	Y	4	7	1	1	0	2	4	7
71-13	4	S	5.0000	50	100	Y	5	9	0	0	0	0	5	9

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
TEM13	4	S	.0002	11	21	Y	2	7	0	0	2	3	2	8
TEM13	4	S	.0002	11	22	Y	3	4	2	4	0	0	5	5
TEM13	4	S	.0002	12	23	Y	2	4	2	4	0	0	3	7
TEM13	4	S	.0002	12	24	Y	2	1	2	1	0	0	5	7
TEM13	4	S	.0002	13	25	Y	6	4	6	3	0	0	8	4
TEM13	4	S	.0002	13	26	Y	5	7	4	6	0	0	5	10
TEM13	4	S	.0002	14	27	Y	4	1	4	1	0	0	5	4
TEM13	4	S	.0002	14	28	Y	2	2	2	2	0	0	4	6
TEM13	4	S	.0002	15	29	Y	3	4	3	0	0	4	3	11
TEM13	4	S	.0002	15	30	Y	2	2	0	0	0	1	8	5
TEM13	4	S	.0002	16	31	Y	4	1	4	0	0	1	5	2
TEM13	4	S	.0002	16	32	Y	1	0	1	0	0	0	8	4
TEM13	4	S	.0002	17	33	Y	1	0	1	0	0	0	8	4
TEM13	4	S	.0002	17	34	Y	2	2	2	2	0	0	3	8
TEM13	4	S	.0002	18	35	Y	6	2	5	1	0	0	7	7
TEM13	4	S	.0002	18	36	Y	3	6	3	6	0	0	4	7
TEM13	4	S	.0002	19	37	Y	3	5	3	5	0	0	4	6
TEM13	4	S	.0002	19	38	Y	7	2	7	2	0	0	8	3
TEM13	4	S	.0002	20	39	Y	1	1	1	1	0	0	9	5
TEM13	4	S	.0002	20	40	Y	0	2	0	2	0	0	3	9
CNTRL13	4	M	-0.0000	1	1	Y	8	8	0	0	0	0	8	8
CNTRL13	4	M	-0.0000	1	2	Y	8	5	0	0	0	1	8	5
CNTRL13	4	M	-0.0000	2	3	Y	6	7	0	0	0	0	6	7
CNTRL13	4	M	-0.0000	2	4	Y	3	9	0	1	0	0	3	9
CNTRL13	4	M	-0.0000	3	5	Y	5	7	0	0	2	0	5	7
CNTRL13	4	M	-0.0000	3	6	Y	7	7	0	0	0	1	7	7
CNTRL13	4	M	-0.0000	4	7	Y	7	6	0	0	0	0	7	7
CNTRL13	4	M	-0.0000	4	8	Y	4	8	0	0	0	0	4	8
CNTRL13	4	M	-0.0000	5	9	Y	5	7	1	0	0	0	5	7
CNTRL13	4	M	-0.0000	5	10	Y	3	11	0	0	0	1	3	11
CNTRL13	4	M	-0.0000	6	11	Y	10	5	0	0	0	0	10	5
CNTRL13	4	M	-0.0000	6	12	Y	7	5	0	0	0	0	7	6
CNTRL13	4	M	-0.0000	7	13	Y	5	7	0	0	0	0	5	8
CNTRL13	4	M	-0.0000	7	14	Y	8	6	0	0	1	0	8	6
CNTRL13	4	M	-0.0000	8	15	Y	9	3	0	0	0	0	9	3
CNTRL13	4	M	-0.0000	8	16	Y	12	3	1	0	0	0	12	3
CNTRL13	4	M	-0.0000	9	17	Y	5	3	0	0	0	0	7	8
CNTRL13	4	M	-0.0000	9	18	Y	6	5	0	0	0	0	8	5
CNTRL13	4	M	-0.0000	10	19	Y	7	6	0	1	0	0	7	7
CNTRL13	4	M	-0.0000	10	20	Y	8	3	0	0	0	0	8	3

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	4	M	.0300	11	21	Y	5	9	0	0	0	0	5	9
71-13	4	M	.0300	11	22	Y	5	5	0	0	0	0	5	5
71-13	4	M	.0300	12	23	Y	7	5	0	0	1	0	8	6
71-13	4	M	.0300	12	24	Y	6	6	0	1	0	0	6	7
71-13	4	M	.0300	13	25	Y	9	5	0	0	0	1	9	5
71-13	4	M	.0300	13	26	Y	7	9	0	0	2	2	7	9
71-13	4	M	.0300	14	27	Y	5	7	0	0	0	0	5	7
71-13	4	M	.0300	14	28	Y	9	6	0	0	0	1	10	6
71-13	4	M	.0300	15	29	Y	10	3	0	0	0	0	10	4
71-13	4	M	.0300	15	30	Y	9	4	0	0	0	1	9	4
71-13	4	M	.0300	16	31	Y	6	5	0	1	1	0	6	7
71-13	4	M	.0300	16	32	Y	6	9	0	0	0	0	6	9
71-13	4	M	.0300	17	33	Y	9	3	0	0	0	0	9	3
71-13	4	M	.0300	17	34	Y	9	5	0	1	0	0	9	6
71-13	4	M	.0300	18	35	Y	4	8	0	0	1	1	5	8
71-13	4	M	.0300	18	36	Y	4	7	0	0	0	0	4	9
71-13	4	M	.0300	19	37	Y	6	5	0	0	1	0	6	5
71-13	4	M	.0300	19	38	Y	7	6	1	0	0	0	8	6
71-13	4	M	.0300	20	39	Y	-0	-0	-0	-0	-0	-0	-0	-0
71-13	4	M	.0300	20	40	Y	5	7	0	0	0	0	5	8
71-13	4	M	2.5000	21	41	Y	6	8	0	0	0	0	6	8
71-13	4	M	2.5000	21	42	Y	5	9	0	0	0	0	5	9
71-13	4	M	2.5000	22	43	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	4	M	2.5000	22	44	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	4	M	2.5000	23	45	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	4	M	2.5000	23	46	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	4	M	2.5000	24	47	Y	8	8	0	0	1	0	8	8
71-13	4	M	2.5000	24	48	Y	3	10	0	1	0	0	3	10
71-13	4	M	2.5000	25	49	Y	5	6	0	0	0	0	5	6
71-13	4	M	2.5000	25	50	Y	6	8	1	0	0	0	6	8
71-13	4	M	2.5000	26	51	Y	6	2	0	0	0	0	12	2
71-13	4	M	2.5000	26	52	Y	3	7	0	0	0	0	3	8
71-13	4	M	2.5000	27	53	Y	7	6	0	0	0	0	7	6
71-13	4	M	2.5000	27	54	Y	4	8	0	0	0	0	5	8
71-13	4	M	2.5000	28	55	Y	7	4	0	0	0	0	9	4
71-13	4	M	2.5000	28	56	Y	3	9	0	0	0	0	3	9
71-13	4	M	2.5000	29	57	Y	6	9	0	0	1	1	6	9
71-13	4	M	2.5000	29	58	Y	9	7	0	0	0	0	9	7
71-13	4	M	2.5000	30	59	Y	5	6	0	0	0	0	6	9
71-13	4	M	2.5000	30	60	Y	4	7	0	0	0	0	4	7

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	4	M	5.0000	31	61	Y	6	5	0	0	1	0	6	6
71-13	4	M	5.0000	31	62	Y	5	8	0	0	2	0	5	9
71-13	4	M	5.0000	32	63	Y	8	5	1	0	1	0	8	5
71-13	4	M	5.0000	32	64	Y	6	7	1	0	0	0	6	10
71-13	4	M	5.0000	33	65	Y	6	7	0	0	1	2	6	7
71-13	4	M	5.0000	33	66	Y	6	5	1	0	0	0	6	5
71-13	4	M	5.0000	34	67	Y	4	8	0	0	0	0	4	8
71-13	4	M	5.0000	34	68	Y	7	7	1	0	0	0	7	7
71-13	4	M	5.0000	35	67	Y	6	5	0	0	0	0	6	5
71-13	4	M	5.0000	35	70	Y	8	6	1	0	0	0	8	6
71-13	4	M	5.0000	36	71	Y	5	6	0	0	0	0	5	7
71-13	4	M	5.0000	36	72	Y	6	6	0	0	0	0	7	7
71-13	4	M	5.0000	37	73	Y	8	5	0	0	0	0	8	6
71-13	4	M	5.0000	37	74	Y	6	4	0	0	0	1	6	5
71-13	4	M	5.0000	38	75	Y	6	9	0	0	0	0	6	9
71-13	4	M	5.0000	38	76	Y	8	3	0	0	0	0	9	5
71-13	4	M	5.0000	39	77	Y	6	7	0	0	0	0	6	7
71-13	4	M	5.0000	39	78	Y	4	7	0	0	0	0	5	7
71-13	4	M	5.0000	40	79	Y	8	6	1	0	0	0	8	8
71-13	4	M	5.0000	40	80	Y	0	1	0	0	0	0	3	10

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
CNTRL13	5	S	-0.0000	1	1	Y	7	5	0	0	0	0	7	5
CNTRL13	5	S	-0.0000	1	2	Y	7	3	0	0	1	0	8	3
CNTRL13	5	S	-0.0000	2	3	Y	5	3	0	0	0	0	6	3
CNTRL13	5	S	-0.0000	2	4	Y	9	5	0	0	0	0	9	5
CNTRL13	5	S	-0.0000	3	5	Y	6	8	0	0	1	0	6	8
CNTRL13	5	S	-0.0000	3	6	Y	5	5	2	0	0	0	6	6
CNTRL13	5	S	-0.0000	4	7	Y	3	7	0	0	0	0	3	11
CNTRL13	5	S	-0.0000	4	8	Y	9	7	0	0	2	2	9	7
CNTRL13	5	S	-0.0000	5	9	Y	5	7	0	0	0	0	5	8
CNTRL13	5	S	-0.0000	5	10	Y	6	8	2	0	0	1	6	8
CNTRL13	5	S	-0.0000	6	11	Y	6	6	0	0	0	0	6	6
CNTRL13	5	S	-0.0000	6	12	Y	4	8	0	0	0	0	4	8
CNTRL13	5	S	-0.0000	7	13	Y	2	8	0	0	0	0	2	10
CNTRL13	5	S	-0.0000	7	14	Y	6	10	1	0	0	0	6	10
CNTRL13	5	S	-0.0000	8	15	Y	5	8	0	0	0	0	5	9
CNTRL13	5	S	-0.0000	8	16	Y	5	8	3	5	1	1	5	8
CNTRL13	5	S	-0.0000	9	17	Y	6	6	0	0	0	0	6	6
CNTRL13	5	S	-0.0000	9	18	Y	5	9	0	0	0	0	5	9
CNTRL13	5	S	-0.0000	10	19	Y	8	5	1	0	0	0	9	6
CNTRL13	5	S	-0.0000	10	20	Y	8	4	1	0	1	0	8	4
71-13	5	S	.0300	21	41	Y	8	5	0	0	0	0	8	5
71-13	5	S	.0300	21	42	Y	7	3	0	0	0	0	8	3
71-13	5	S	.0300	22	43	Y	7	3	0	0	0	1	7	6
71-13	5	S	.0300	22	44	Y	0	4	0	0	0	0	8	4
71-13	5	S	.0300	23	45	Y	5	8	0	0	0	0	5	8
71-13	5	S	.0300	23	46	Y	6	6	0	0	0	0	6	6
71-13	5	S	.0300	24	47	Y	0	7	0	0	0	0	3	8
71-13	5	S	.0300	24	48	Y	8	7	0	0	0	0	8	8
71-13	5	S	.0300	25	49	Y	7	5	0	0	0	0	7	6
71-13	5	S	.0300	25	50	Y	7	8	0	0	0	0	7	8
71-13	5	S	.0300	26	51	Y	7	6	1	2	2	0	7	6
71-13	5	S	.0300	26	52	Y	7	4	1	0	0	0	7	5
71-13	5	S	.0300	27	53	Y	6	7	0	0	0	2	6	7
71-13	5	S	.0300	27	54	Y	6	6	0	1	0	0	6	6
71-13	5	S	.0300	28	55	Y	3	10	0	0	0	0	3	10
71-13	5	S	.0300	28	56	Y	8	7	0	2	0	0	9	7
71-13	5	S	.0300	29	57	Y	7	6	0	0	0	0	7	6
71-13	5	S	.0300	29	58	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	5	S	.0300	30	59	Y	5	9	0	0	0	0	5	9
71-13	5	S	.0300	30	60	Y	7	6	0	0	1	0	8	6

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	5	S	2.5000	31	61	Y	4	9	0	0	0	0	4	9
71-13	5	S	2.5000	31	62	Y	9	5	0	0	1	0	9	5
71-13	5	S	2.5000	32	63	Y	8	4	0	0	0	1	8	5
71-13	5	S	2.5000	32	64	Y	4	4	0	0	0	0	8	4
71-13	5	S	2.5000	33	65	Y	7	4	0	0	0	0	7	4
71-13	5	S	2.5000	33	66	Y	6	6	0	0	0	0	7	6
71-13	5	S	2.5000	34	67	Y	5	7	0	0	0	0	6	8
71-13	5	S	2.5000	34	68	Y	5	8	0	0	0	0	5	8
71-13	5	S	2.5000	35	69	Y	6	6	0	0	1	0	6	6
71-13	5	S	2.5000	35	70	Y	10	3	0	0	1	0	10	3
71-13	5	S	2.5000	36	71	Y	7	5	0	0	2	0	7	5
71-13	5	S	2.5000	36	72	Y	9	4	0	0	3	1	9	4
71-13	5	S	2.5000	37	73	Y	6	7	0	0	1	0	6	7
71-13	5	S	2.5000	37	74	Y	3	9	1	0	0	0	3	9
71-13	5	S	2.5000	38	75	Y	6	8	0	0	4	2	6	8
71-13	5	S	2.5000	38	76	Y	8	5	1	0	0	0	8	5
71-13	5	S	2.5000	39	77	Y	5	3	0	0	0	0	5	4
71-13	5	S	2.5000	39	78	Y	8	6	0	0	1	0	8	6
71-13	5	S	2.5000	40	79	Y	8	6	1	1	0	0	8	8
71-13	5	S	2.5000	40	80	Y	6	8	0	1	0	0	6	8
71-13	5	S	5.0000	41	81	Y	6	8	0	0	0	0	6	8
71-13	5	S	5.0000	41	82	Y	4	7	0	0	0	0	4	7
71-13	5	S	5.0000	42	83	Y	6	7	0	0	0	0	6	7
71-13	5	S	5.0000	42	84	Y	4	9	0	0	0	0	4	10
71-13	5	S	5.0000	43	85	Y	8	9	0	0	0	0	8	9
71-13	5	S	5.0000	43	86	Y	7	6	0	0	0	0	7	6
71-13	5	S	5.0000	44	87	Y	4	7	0	0	0	1	4	7
71-13	5	S	5.0000	44	88	Y	6	6	0	0	0	0	6	6
71-13	5	S	5.0000	45	89	Y	5	9	0	0	0	0	5	9
71-13	5	S	5.0000	45	90	Y	8	5	0	0	1	0	8	5
71-13	5	S	5.0000	46	91	Y	4	10	0	0	0	2	4	10
71-13	5	S	5.0000	46	92	Y	5	6	0	0	0	0	5	6
71-13	5	S	5.0000	47	93	Y	8	6	0	1	0	0	8	6
71-13	5	S	5.0000	47	94	Y	2	8	0	0	0	5	2	9
71-13	5	S	5.0000	48	95	Y	7	5	0	0	0	0	7	5
71-13	5	S	5.0000	48	96	Y	8	7	0	0	0	0	8	7
71-13	5	S	5.0000	49	97	Y	6	7	0	0	0	0	6	7
71-13	5	S	5.0000	49	98	Y	6	8	0	0	0	0	6	8
71-13	5	S	5.0000	50	99	Y	8	6	0	0	0	0	8	6
71-13	5	S	5.0000	50	100	Y	4	7	0	0	0	0	5	7

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
TEM13	5	S	.0002	11	21	Y	5	8	0	0	0	0	5	8
TEM13	5	S	.0002	11	22	Y	7	5	2	1	0	0	7	5
TEM13	5	S	.0002	12	23	Y	6	5	3	1	0	0	7	5
TEM13	5	S	.0002	12	24	Y	4	7	0	2	0	0	4	7
TEM13	5	S	.0002	13	25	Y	7	4	0	0	0	0	7	4
TEM13	5	S	.0002	13	26	Y	2	9	0	0	2	0	4	9
TEM13	5	S	.0002	14	27	Y	3	4	1	3	0	0	5	6
TEM13	5	S	.0002	14	28	Y	6	5	1	0	0	0	6	5
TEM13	5	S	.0002	15	29	Y	8	4	0	0	0	0	8	4
TEM13	5	S	.0002	15	30	Y	7	4	3	2	1	2	7	5
TEM13	5	S	.0002	16	31	Y	9	5	2	1	0	0	9	5
TEM13	5	S	.0002	16	32	Y	8	4	4	2	0	1	8	4
TEM13	5	S	.0002	17	33	Y	4	9	2	2	0	0	5	9
TEM13	5	S	.0002	17	34	Y	6	9	0	0	0	0	6	9
TEM13	5	S	.0002	18	35	Y	5	7	0	0	0	1	5	7
TEM13	5	S	.0002	18	36	Y	7	7	0	0	0	0	7	7
TEM13	5	S	.0002	19	37	Y	6	8	1	2	0	0	6	8
TEM13	5	S	.0002	19	38	Y	3	8	0	0	0	0	8	8
TEM13	5	S	.0002	20	39	Y	5	4	1	2	1	1	8	4
TEM13	5	S	.0002	20	40	Y	8	2	0	1	0	0	8	4
CNTRL13	5	M	-0.0000	1	1	Y	7	5	0	0	0	0	7	5
CNTRL13	5	M	-0.0000	1	2	Y	7	3	0	0	1	0	8	3
CNTRL13	5	M	-0.0000	2	3	Y	5	3	0	0	0	0	6	3
CNTRL13	5	M	-0.0000	2	4	Y	9	5	0	0	0	0	9	5
CNTRL13	5	M	-0.0000	3	5	Y	6	8	0	0	1	0	6	8
CNTRL13	5	M	-0.0000	3	6	Y	5	5	2	0	0	0	6	6
CNTRL13	5	M	-0.0000	4	7	Y	3	7	0	0	0	0	3	11
CNTRL13	5	M	-0.0000	4	8	Y	9	7	0	0	2	2	9	7
CNTRL13	5	M	-0.0000	5	9	Y	5	7	0	0	0	0	5	8
CNTRL13	5	M	-0.0000	5	10	Y	6	8	2	0	0	1	6	8
CNTRL13	5	M	-0.0000	6	11	Y	6	6	0	0	0	0	6	6
CNTRL13	5	M	-0.0000	6	12	Y	4	8	0	0	0	0	4	8
CNTRL13	5	M	-0.0000	7	13	Y	2	8	0	0	0	0	2	10
CNTRL13	5	M	-0.0000	7	14	Y	6	10	1	0	0	0	6	10
CNTRL13	5	M	-0.0000	8	15	Y	5	8	0	0	0	0	5	9
CNTRL13	5	M	-0.0000	8	16	Y	5	8	3	5	1	1	5	8
CNTRL13	5	M	-0.0000	9	17	Y	6	6	0	0	0	0	6	6
CNTRL13	5	M	-0.0000	9	18	Y	5	9	0	0	0	0	5	9
CNTRL13	5	M	-0.0000	10	19	Y	8	5	1	0	0	0	9	6
CNTRL13	5	M	-0.0000	10	20	Y	8	4	1	0	1	0	8	4

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	5	M	.0300	11	21	Y	6	6	0	0	0	0	7	6
71-13	5	M	.0300	11	22	Y	6	6	0	0	2	1	6	7
71-13	5	M	.0300	12	23	Y	9	5	0	0	0	0	9	6
71-13	5	M	.0300	12	24	Y	6	9	0	0	0	0	6	10
71-13	5	M	.0300	13	25	Y	8	4	0	0	1	0	8	4
71-13	5	M	.0300	13	26	Y	8	3	0	0	0	0	8	3
71-13	5	M	.0300	14	27	Y	4	9	0	0	0	0	4	9
71-13	5	M	.0300	14	28	Y	4	8	0	0	0	0	4	8
71-13	5	M	.0300	15	29	Y	5	9	0	0	0	1	5	9
71-13	5	M	.0300	15	30	Y	6	7	0	1	0	0	7	8
71-13	5	M	.0300	16	31	Y	0	11	0	0	0	0	1	13
71-13	5	M	.0300	16	32	Y	7	8	0	0	0	0	7	8
71-13	5	M	.0300	17	33	Y	7	5	0	0	0	0	7	6
71-13	5	M	.0300	17	34	Y	5	7	0	0	0	0	5	8
71-13	5	M	.0300	18	35	Y	9	4	1	1	0	0	9	4
71-13	5	M	.0300	18	36	Y	7	6	0	0	0	0	8	9
71-13	5	M	.0300	19	37	Y	7	8	0	0	0	0	7	8
71-13	5	M	.0300	19	38	Y	9	6	0	1	1	1	9	6
71-13	5	M	.0300	20	39	Y	8	5	1	0	0	0	9	6
71-13	5	M	.0300	20	40	Y	6	0	0	0	0	0	6	9
71-13	5	M	2.5000	21	41	Y	5	7	0	0	0	0	5	7
71-13	5	M	2.5000	21	42	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	5	M	2.5000	22	43	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	5	M	2.5000	22	44	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	5	M	2.5000	23	45	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	5	M	2.5000	23	46	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	5	M	2.5000	24	47	Y	5	7	0	0	0	1	5	7
71-13	5	M	2.5000	24	48	Y	8	5	0	0	0	0	8	5
71-13	5	M	2.5000	25	49	Y	5	11	0	0	1	0	7	11
71-13	5	M	2.5000	25	50	Y	4	6	0	0	0	0	4	6
71-13	5	M	2.5000	26	51	Y	6	9	0	1	0	0	6	9
71-13	5	M	2.5000	26	52	Y	8	6	0	0	0	0	8	6
71-13	5	M	2.5000	27	53	Y	4	8	0	0	0	0	4	9
71-13	5	M	2.5000	27	54	Y	5	5	0	0	0	0	7	5
71-13	5	M	2.5000	28	55	Y	4	7	0	1	0	0	4	7
71-13	5	M	2.5000	28	56	Y	7	6	0	0	0	0	7	6
71-13	5	M	2.5000	29	57	Y	8	0	0	0	2	0	9	5
71-13	5	M	2.5000	29	58	Y	5	8	0	0	0	0	5	8
71-13	5	M	2.5000	30	59	Y	8	7	0	0	0	0	8	7
71-13	5	M	2.5000	30	60	N	-0	-0	-0	-0	-0	-0	-0	-0

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	5	M	5.0000	31	61	Y	5	5	0	0	1	1	5	5
71-13	5	M	5.0000	31	62	Y	6	6	1	0	0	0	6	7
71-13	5	M	5.0000	32	63	Y	7	5	0	0	0	0	7	6
71-13	5	M	5.0000	32	64	Y	6	11	0	1	0	0	6	11
71-13	5	M	5.0000	33	65	Y	7	5	0	0	0	0	7	5
71-13	5	M	5.0000	33	66	Y	1	13	0	0	0	1	1	13
71-13	5	M	5.0000	34	67	Y	5	3	0	0	0	0	6	6
71-13	5	M	5.0000	34	68	Y	3	8	0	0	0	0	3	8
71-13	5	M	5.0000	35	69	Y	5	6	0	0	0	0	5	7
71-13	5	M	5.0000	35	70	Y	7	6	0	0	0	0	7	6
71-13	5	M	5.0000	36	71	Y	4	9	0	0	0	0	5	9
71-13	5	M	5.0000	36	72	Y	7	5	0	0	3	2	8	5
71-13	5	M	5.0000	37	73	Y	6	6	0	0	0	1	6	6
71-13	5	M	5.0000	37	74	Y	9	2	0	0	0	0	9	3
71-13	5	M	5.0000	38	75	Y	6	7	0	0	0	0	6	7
71-13	5	M	5.0000	38	76	Y	6	7	0	0	0	0	6	7
71-13	5	M	5.0000	39	77	Y	4	7	0	0	0	0	5	7
71-13	5	M	5.0000	39	78	Y	4	9	0	0	0	0	4	9
71-13	5	M	5.0000	40	79	Y	5	7	0	0	0	0	6	8
71-13	5	M	5.0000	40	80	N	-0	-0	-0	-0	-0	-0	-0	-0

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
CNTRL13	6	S	-0.0000	1	1	Y	7	6	0	0	0	0	8	6
CNTRL13	6	S	-0.0000	1	2	Y	8	8	0	0	0	0	8	8
CNTRL13	6	S	-0.0000	2	3	Y	5	9	0	0	1	0	5	10
CNTRL13	6	S	-0.0000	2	4	Y	6	9	0	0	1	3	6	9
CNTRL13	6	S	-0.0000	3	5	Y	8	5	0	0	0	0	8	5
CNTRL13	6	S	-0.0000	3	6	Y	6	9	0	0	0	0	6	10
CNTRL13	6	S	-0.0000	4	7	Y	3	11	0	0	0	0	3	11
CNTRL13	6	S	-0.0000	4	8	Y	5	8	0	0	0	0	6	8
CNTRL13	6	S	-0.0000	5	9	Y	5	7	0	2	0	0	5	7
CNTRL13	6	S	-0.0000	5	10	Y	7	5	0	0	0	0	8	7
CNTRL13	6	S	-0.0000	6	11	Y	7	7	0	0	0	0	7	7
CNTRL13	6	S	-0.0000	6	12	Y	4	10	0	1	0	0	4	10
CNTRL13	6	S	-0.0000	7	13	Y	7	4	0	0	0	0	7	7
CNTRL13	6	S	-0.0000	7	14	Y	4	8	0	0	0	0	4	8
CNTRL13	6	S	-0.0000	8	15	Y	6	6	0	0	0	0	6	6
CNTRL13	6	S	-0.0000	8	16	Y	7	6	0	1	0	0	7	6
CNTRL13	6	S	-0.0000	9	17	Y	7	6	0	0	0	2	8	7
CNTRL13	6	S	-0.0000	9	18	Y	6	9	0	0	0	0	7	9
CNTRL13	6	S	-0.0000	10	19	Y	4	6	0	0	0	0	4	7
CNTRL13	6	S	-0.0000	10	20	Y	8	3	0	0	0	0	8	4
71-13	6	S	.0300	21	41	Y	7	5	1	0	0	0	9	7
71-13	6	S	.0300	21	42	Y	8	5	0	0	0	0	8	6
71-13	6	S	.0300	22	43	Y	7	4	0	0	0	0	7	5
71-13	6	S	.0300	22	44	Y	6	7	0	0	0	0	6	7
71-13	6	S	.0300	23	45	Y	4	7	0	0	0	0	4	8
71-13	6	S	.0300	23	46	Y	7	7	1	0	0	0	8	7
71-13	6	S	.0300	24	47	Y	3	10	0	1	0	0	4	11
71-13	6	S	.0300	24	48	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	6	S	.0300	25	49	Y	7	11	0	0	0	0	7	12
71-13	6	S	.0300	25	50	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	6	S	.0300	26	51	Y	9	5	0	0	0	1	9	5
71-13	6	S	.0300	26	52	Y	4	7	0	0	1	2	6	7
71-13	6	S	.0300	27	53	Y	6	8	0	0	0	2	6	8
71-13	6	S	.0300	27	54	Y	7	7	0	0	2	0	7	7
71-13	6	S	.0300	28	55	Y	6	6	0	0	0	0	6	6
71-13	6	S	.0300	28	56	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	6	S	.0300	29	57	Y	5	6	0	0	0	0	5	7
71-13	6	S	.0300	29	58	Y	6	7	0	0	0	0	6	7
71-13	6	S	.0300	30	59	Y	4	7	0	1	0	1	4	8
71-13	6	S	.0300	30	60	N	-0	-0	-0	-0	-0	-0	-0	-0

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	6	S	2.5000	31	61	Y	5	9	0	0	0	0	5	10
71-13	6	S	2.5000	31	62	Y	10	3	0	1	3	1	17	4
71-13	6	S	2.5000	32	63	Y	7	7	1	0	1	0	7	7
71-13	6	S	2.5000	32	64	Y	3	9	0	0	0	0	3	9
71-13	6	S	2.5000	33	65	Y	0	5	0	0	0	0	6	6
71-13	6	S	2.5000	33	66	Y	4	8	0	0	0	0	4	8
71-13	6	S	2.5000	34	67	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	6	S	2.5000	34	68	Y	9	6	0	0	2	2	9	6
71-13	6	S	2.5000	35	69	Y	9	5	0	0	0	0	9	5
71-13	6	S	2.5000	35	70	Y	5	8	0	0	0	0	6	8
71-13	6	S	2.5000	36	71	Y	7	3	0	0	1	0	7	3
71-13	6	S	2.5000	36	72	Y	6	8	0	0	4	2	6	8
71-13	6	S	2.5000	37	73	Y	4	8	0	0	0	1	5	9
71-13	6	S	2.5000	37	74	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	6	S	2.5000	38	75	Y	10	5	0	0	0	0	10	5
71-13	6	S	2.5000	38	76	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	6	S	2.5000	39	77	Y	6	8	0	0	0	1	6	9
71-13	6	S	2.5000	39	78	Y	8	7	0	0	0	0	8	8
71-13	6	S	2.5000	40	79	Y	6	8	0	0	0	0	6	8
71-13	6	S	2.5000	40	80	Y	6	10	0	0	0	0	6	10
71-13	6	S	5.0000	41	81	Y	7	3	0	0	0	0	9	3
71-13	6	S	5.0000	41	82	Y	5	8	0	0	0	0	5	8
71-13	6	S	5.0000	42	83	Y	4	9	0	0	0	0	4	10
71-13	6	S	5.0000	42	84	Y	4	9	0	0	0	0	4	11
71-13	6	S	5.0000	43	85	Y	7	7	0	1	0	0	9	7
71-13	6	S	5.0000	43	86	Y	7	4	0	0	5	4	10	9
71-13	6	S	5.0000	44	87	Y	1	0	0	0	0	0	8	3
71-13	6	S	5.0000	44	88	Y	8	7	0	0	0	0	8	7
71-13	6	S	5.0000	45	89	Y	5	9	0	0	0	0	5	9
71-13	6	S	5.0000	45	90	Y	8	6	0	1	0	0	8	6
71-13	6	S	5.0000	46	91	Y	10	6	0	0	1	0	10	6
71-13	6	S	5.0000	46	92	Y	6	9	3	1	0	0	8	9
71-13	6	S	5.0000	47	93	Y	7	6	0	0	0	0	7	6
71-13	6	S	5.0000	47	94	Y	6	6	0	0	0	0	5	8
71-13	6	S	5.0000	48	95	Y	4	8	0	0	0	1	4	10
71-13	6	S	5.0000	48	96	Y	8	6	0	2	0	0	8	6
71-13	6	S	5.0000	49	97	Y	4	7	1	1	0	0	5	7
71-13	6	S	5.0000	49	98	Y	7	8	0	0	0	0	7	8
71-13	6	S	5.0000	50	99	Y	7	7	0	0	0	0	7	7
71-13	6	S	5.0000	50	100	Y	8	10	2	0	0	0	8	10

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
TEM13	6	S	.0002	11	21	Y	7	6	0	0	0	1	8	7
TEM13	6	S	.0002	11	22	Y	7	8	1	0	0	0	7	8
TEM13	6	S	.0002	12	23	Y	0	4	0	0	0	0	10	4
TEM13	6	S	.0002	12	24	Y	7	8	0	1	0	1	8	8
TEM13	6	S	.0002	13	25	Y	8	9	2	0	0	0	8	9
TEM13	6	S	.0002	13	26	Y	8	8	0	0	2	2	8	8
TEM13	6	S	.0002	14	27	Y	7	7	0	2	1	0	10	7
TEM13	6	S	.0002	14	28	Y	9	6	1	1	0	0	9	6
TEM13	6	S	.0002	15	29	Y	6	7	0	2	0	1	7	7
TEM13	6	S	.0002	15	30	Y	4	9	0	1	0	0	4	10
TEM13	6	S	.0002	16	31	Y	6	5	0	1	0	0	7	5
TEM13	6	S	.0002	16	32	Y	5	9	2	0	0	0	5	10
TEM13	6	S	.0002	17	33	Y	7	7	0	1	0	0	7	8
TEM13	6	S	.0002	17	34	Y	7	8	0	1	0	0	8	8
TEM13	6	S	.0002	18	35	Y	5	7	0	0	0	0	5	7
TEM13	6	S	.0002	18	36	Y	7	8	0	0	0	0	7	8
TEM13	6	S	.0002	19	37	Y	6	5	0	0	0	0	6	5
TEM13	6	S	.0002	19	38	Y	1	5	0	0	0	1	8	6
TEM13	6	S	.0002	20	39	Y	5	13	0	1	0	2	5	13
TEM13	6	S	.0002	20	40	Y	6	10	1	0	0	0	6	10
CNTRL13	6	M	-0.0000	1	1	Y	7	6	0	0	0	0	8	6
CNTRL13	6	M	-0.0000	1	2	Y	8	8	0	0	0	0	8	8
CNTRL13	6	M	-0.0000	2	3	Y	5	9	0	0	1	0	5	10
CNTRL13	6	M	-0.0000	2	4	Y	6	9	0	0	1	3	6	9
CNTRL13	6	M	-0.0000	3	5	Y	8	5	0	0	0	0	8	5
CNTRL13	6	M	-0.0000	3	6	Y	6	9	0	0	0	0	6	10
CNTRL13	6	M	-0.0000	4	7	Y	3	11	0	0	0	0	3	11
CNTRL13	6	M	-0.0000	4	8	Y	5	8	0	0	0	0	6	8
CNTRL13	6	M	-0.0000	5	9	Y	5	7	0	2	0	0	5	7
CNTRL13	6	M	-0.0000	5	10	Y	7	5	0	0	0	0	8	7
CNTRL13	6	M	-0.0000	6	11	Y	7	7	0	0	0	0	7	7
CNTRL13	6	M	-0.0000	6	12	Y	4	10	0	1	0	0	4	10
CNTRL13	6	M	-0.0000	7	13	Y	7	4	0	0	0	0	7	7
CNTRL13	6	M	-0.0000	7	14	Y	4	8	0	0	0	0	4	8
CNTRL13	6	M	-0.0000	8	15	Y	6	6	0	0	0	0	6	6
CNTRL13	6	M	-0.0000	8	16	Y	7	6	0	1	0	0	7	6
CNTRL13	6	M	-0.0000	9	17	Y	7	6	0	1	0	2	8	7
CNTRL13	6	M	-0.0000	9	18	Y	6	9	0	0	0	0	7	9
CNTRL13	6	M	-0.0000	10	19	Y	4	6	0	0	0	0	4	7
CNTRL13	6	M	-0.0000	10	20	Y	8	3	0	0	0	0	8	4

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	6	M	.0300	11	21	Y	5	8	0	0	0	0	5	8
71-13	6	M	.0300	11	22	Y	6	6	0	0	0	0	7	7
71-13	6	M	.0300	12	23	Y	3	3	0	0	0	0	3	8
71-13	6	M	.0300	12	24	Y	7	9	0	0	0	0	7	9
71-13	6	M	.0300	13	25	Y	5	9	0	0	0	1	6	9
71-13	6	M	.0300	13	26	Y	8	5	0	0	1	0	8	5
71-13	6	M	.0300	14	27	Y	3	10	0	0	0	0	3	11
71-13	6	M	.0300	14	28	Y	6	7	0	0	0	0	6	7
71-13	6	M	.0300	15	29	Y	9	5	0	0	0	1	9	5
71-13	6	M	.0300	15	30	Y	4	7	1	0	0	0	4	8
71-13	6	M	.0300	16	31	Y	7	2	0	0	0	0	7	6
71-13	6	M	.0300	16	32	Y	6	6	0	0	1	3	6	6
71-13	6	M	.0300	17	33	Y	8	5	0	0	0	0	8	5
71-13	6	M	.0300	17	34	Y	8	5	0	0	1	0	8	5
71-13	6	M	.0300	18	35	Y	7	6	0	0	0	0	8	6
71-13	6	M	.0300	18	36	Y	7	7	0	0	0	0	7	8
71-13	6	M	.0300	19	37	Y	5	8	0	0	0	1	6	8
71-13	6	M	.0300	19	38	Y	10	3	0	0	0	0	10	3
71-13	6	M	.0300	20	39	Y	9	5	0	1	1	0	10	5
71-13	6	M	.0300	20	40	Y	9	6	0	1	0	0	10	6
71-13	6	M	2.5000	21	41	Y	5	8	0	0	0	0	5	9
71-13	6	M	2.5000	21	42	Y	0	3	0	0	0	0	5	7
71-13	6	M	2.5000	22	43	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	6	M	2.5000	22	44	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	6	M	2.5000	23	45	Y	6	7	0	0	0	0	6	9
71-13	6	M	2.5000	23	46	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	6	M	2.5000	24	47	Y	7	3	0	0	0	0	7	3
71-13	6	M	2.5000	24	48	Y	8	6	0	0	0	1	8	6
71-13	6	M	2.5000	25	49	Y	9	5	0	0	0	0	9	5
71-13	6	M	2.5000	25	50	Y	5	8	0	0	2	1	6	8
71-13	6	M	2.5000	26	51	Y	7	6	0	0	0	0	7	7
71-13	6	M	2.5000	26	52	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	6	M	2.5000	27	53	Y	8	5	1	0	0	0	8	5
71-13	6	M	2.5000	27	54	Y	4	10	0	0	1	0	5	10
71-13	6	M	2.5000	28	55	Y	6	7	0	0	0	1	6	7
71-13	6	M	2.5000	28	56	Y	7	6	0	0	0	0	7	6
71-13	6	M	2.5000	29	57	Y	4	9	0	0	0	0	4	9
71-13	6	M	2.5000	29	58	Y	10	7	0	0	0	0	11	7
71-13	6	M	2.5000	30	59	Y	6	7	0	0	0	0	6	8
71-13	6	M	2.5000	30	60	Y	11	4	0	0	0	0	11	4

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	6	M	5.0000	31	61	Y	9	4	0	0	0	0	9	4
71-13	6	M	5.0000	31	62	Y	10	4	0	0	0	0	10	4
71-13	6	M	5.0000	32	63	Y	0	1	0	0	0	0	5	7
71-13	6	M	5.0000	32	64	Y	8	5	0	0	0	0	8	5
71-13	6	M	5.0000	33	65	Y	7	7	0	0	1	1	7	8
71-13	6	M	5.0000	33	66	Y	7	5	1	0	0	0	7	5
71-13	6	M	5.0000	34	67	Y	8	5	0	0	0	0	8	5
71-13	6	M	5.0000	34	68	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	6	M	5.0000	35	69	Y	6	7	0	0	0	0	6	7
71-13	6	M	5.0000	35	70	Y	9	4	0	0	3	0	9	4
71-13	6	M	5.0000	36	71	Y	4	8	0	1	1	3	4	9
71-13	6	M	5.0000	36	72	Y	5	4	1	0	0	0	5	4
71-13	6	M	5.0000	37	73	Y	2	10	0	0	0	0	2	10
71-13	6	M	5.0000	37	74	Y	9	3	0	0	0	0	9	3
71-13	6	M	5.0000	38	75	Y	7	6	1	0	0	0	8	6
71-13	6	M	5.0000	38	76	Y	6	7	1	0	0	0	6	7
71-13	6	M	5.0000	39	77	Y	5	7	0	1	0	0	5	7
71-13	6	M	5.0000	39	78	Y	2	12	0	0	0	0	2	12
71-13	6	M	5.0000	40	79	Y	5	8	0	1	0	0	5	8
71-13	6	M	5.0000	40	80	Y	8	6	0	0	0	0	9	6

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
CNTRL13	7	S	-0.0000	1	1	Y	3	10	0	0	1	1	3	10
CNTRL13	7	S	-0.0000	1	2	Y	4	5	0	0	0	0	8	5
CNTRL13	7	S	-0.0000	2	3	Y	6	7	0	1	0	0	6	7
CNTRL13	7	S	-0.0000	2	4	Y	7	9	0	0	0	0	7	9
CNTRL13	7	S	-0.0000	3	5	Y	6	9	0	0	0	1	6	9
CNTRL13	7	S	-0.0000	3	6	Y	6	7	0	1	0	0	6	7
CNTRL13	7	S	-0.0000	4	7	Y	9	5	1	0	2	0	10	5
CNTRL13	7	S	-0.0000	4	8	Y	4	8	0	0	0	0	4	8
CNTRL13	7	S	-0.0000	5	9	Y	11	3	1	0	2	0	12	3
CNTRL13	7	S	-0.0000	5	10	Y	3	10	0	0	0	0	3	11
CNTRL13	7	S	-0.0000	6	11	Y	5	7	0	0	0	0	5	8
CNTRL13	7	S	-0.0000	6	12	Y	7	4	0	0	0	0	7	4
CNTRL13	7	S	-0.0000	7	13	Y	8	5	0	0	0	0	8	5
CNTRL13	7	S	-0.0000	7	14	Y	6	9	1	1	0	0	6	10
CNTRL13	7	S	-0.0000	8	15	Y	11	5	1	0	0	0	11	6
CNTRL13	7	S	-0.0000	8	16	Y	9	5	0	0	0	0	9	5
CNTRL13	7	S	-0.0000	9	17	Y	7	4	1	0	0	0	7	4
CNTRL13	7	S	-0.0000	9	18	Y	7	7	0	0	0	0	8	7
CNTRL13	7	S	-0.0000	10	19	Y	5	7	0	0	0	0	5	7
CNTRL13	7	S	-0.0000	10	20	Y	5	7	0	1	0	0	5	7
71-13	7	S	.0300	21	41	Y	6	7	0	0	0	0	6	8
71-13	7	S	.0300	21	42	Y	8	3	0	0	1	0	9	3
71-13	7	S	.0300	22	43	Y	6	6	0	0	1	0	8	6
71-13	7	S	.0300	22	44	Y	7	6	0	0	0	0	6	7
71-13	7	S	.0300	23	45	Y	8	5	0	0	0	0	8	5
71-13	7	S	.0300	23	46	Y	11	5	0	0	2	1	11	5
71-13	7	S	.0300	24	47	Y	8	5	0	0	0	0	8	6
71-13	7	S	.0300	24	48	Y	8	6	0	0	0	0	8	6
71-13	7	S	.0300	25	49	Y	6	7	0	0	0	0	6	7
71-13	7	S	.0300	25	50	Y	3	10	0	0	0	0	3	11
71-13	7	S	.0300	26	51	Y	9	4	1	0	0	0	10	4
71-13	7	S	.0300	26	52	Y	8	5	0	1	0	1	8	5
71-13	7	S	.0300	27	53	Y	6	7	0	0	0	0	6	7
71-13	7	S	.0300	27	54	Y	5	7	0	0	0	0	5	7
71-13	7	S	.0300	28	55	Y	6	4	1	0	0	0	7	4
71-13	7	S	.0300	28	56	Y	4	13	0	0	0	0	4	13
71-13	7	S	.0300	29	57	Y	3	9	0	0	0	0	3	9
71-13	7	S	.0300	29	58	Y	7	6	0	0	0	1	7	6
71-13	7	S	.0300	30	59	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	7	S	.0300	30	60	Y	9	6	0	0	0	0	10	6

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	7	S	2.5000	31	61	Y	2	10	0	0	0	0	3	10
71-13	7	S	2.5000	31	62	Y	5	7	0	0	0	0	5	7
71-13	7	S	2.5000	32	63	Y	5	5	0	0	0	0	5	5
71-13	7	S	2.5000	32	64	Y	7	7	0	0	0	0	7	7
71-13	7	S	2.5000	33	65	Y	8	6	0	0	0	0	8	8
71-13	7	S	2.5000	33	66	Y	2	10	0	0	0	0	2	10
71-13	7	S	2.5000	34	67	Y	4	5	0	0	0	0	6	6
71-13	7	S	2.5000	34	68	Y	7	6	0	0	1	0	7	6
71-13	7	S	2.5000	35	69	Y	4	11	0	0	0	1	4	11
71-13	7	S	2.5000	35	70	Y	5	8	0	0	0	0	5	8
71-13	7	S	2.5000	36	71	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	7	S	2.5000	36	72	Y	7	5	0	0	0	0	7	5
71-13	7	S	2.5000	37	73	Y	8	7	0	0	0	0	8	7
71-13	7	S	2.5000	37	74	Y	8	5	0	0	0	0	9	5
71-13	7	S	2.5000	38	75	Y	2	3	2	3	0	0	6	9
71-13	7	S	2.5000	38	76	Y	4	8	0	0	0	1	4	10
71-13	7	S	2.5000	39	77	Y	6	8	0	0	1	0	6	8
71-13	7	S	2.5000	39	78	Y	7	7	0	0	1	0	7	7
71-13	7	S	2.5000	40	79	Y	6	8	0	0	0	0	6	8
71-13	7	S	2.5000	40	80	Y	5	8	0	0	0	0	5	8
71-13	7	S	5.0000	41	81	Y	7	8	0	0	1	1	7	10
71-13	7	S	5.0000	41	82	Y	7	7	1	0	0	0	8	7
71-13	7	S	5.0000	42	83	Y	7	8	2	0	0	0	7	8
71-13	7	S	5.0000	42	84	Y	6	8	0	0	1	0	6	8
71-13	7	S	5.0000	43	85	Y	6	7	0	0	0	0	6	7
71-13	7	S	5.0000	43	86	Y	7	4	0	0	1	0	8	4
71-13	7	S	5.0000	44	87	Y	8	6	0	0	0	0	8	6
71-13	7	S	5.0000	44	88	Y	6	8	0	0	0	0	6	9
71-13	7	S	5.0000	45	89	Y	3	11	0	0	0	0	3	11
71-13	7	S	5.0000	45	90	Y	6	9	0	0	1	0	6	9
71-13	7	S	5.0000	46	91	Y	0	9	0	1	0	0	1	10
71-13	7	S	5.0000	46	92	Y	6	6	0	0	0	0	6	6
71-13	7	S	5.0000	47	93	Y	9	6	0	0	3	0	9	6
71-13	7	S	5.0000	47	94	Y	5	6	0	0	1	0	5	7
71-13	7	S	5.0000	48	95	Y	8	7	0	0	1	1	9	7
71-13	7	S	5.0000	48	96	Y	6	8	0	0	0	0	6	8
71-13	7	S	5.0000	49	97	Y	8	5	0	0	0	0	8	5
71-13	7	S	5.0000	49	98	Y	6	6	0	0	0	0	11	7
71-13	7	S	5.0000	50	99	Y	9	5	0	0	1	0	9	5
71-13	7	S	5.0000	50	100	Y	8	6	1	0	0	0	8	6

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
TEM13	7	S	.0002	11	21	Y	6	9	0	0	0	0	6	9
TEM13	7	S	.0002	11	22	Y	5	7	0	0	1	0	5	7
TEM13	7	S	.0002	12	23	Y	3	10	0	1	0	0	4	10
TEM13	7	S	.0002	12	24	Y	7	5	0	0	0	0	7	5
TEM13	7	S	.0002	13	25	Y	6	6	0	0	0	0	7	6
TEM13	7	S	.0002	13	26	Y	2	8	0	0	0	0	2	11
TEM13	7	S	.0002	14	27	Y	3	7	0	0	1	0	3	8
TEM13	7	S	.0002	14	28	Y	6	7	0	0	0	0	6	7
TEM13	7	S	.0002	15	29	Y	5	10	0	0	1	1	5	10
TEM13	7	S	.0002	15	30	Y	5	8	0	0	0	0	6	9
TEM13	7	S	.0002	16	31	Y	6	5	0	0	0	0	6	5
TEM13	7	S	.0002	16	32	Y	1	1	1	1	0	0	3	8
TEM13	7	S	.0002	17	33	Y	6	8	0	0	0	0	6	8
TEM13	7	S	.0002	17	34	Y	9	6	0	0	1	0	9	6
TEM13	7	S	.0002	18	35	Y	7	7	0	0	0	0	7	7
TEM13	7	S	.0002	18	36	Y	6	8	0	0	0	0	6	8
TEM13	7	S	.0002	19	37	Y	6	6	0	0	1	1	6	6
TEM13	7	S	.0002	19	38	Y	7	5	0	0	0	0	7	5
TEM13	7	S	.0002	20	39	Y	7	5	0	0	2	0	7	5
TEM13	7	S	.0002	20	40	Y	4	9	0	0	0	0	4	9
CNTRL13	7	M	-0.0000	1	1	Y	3	10	0	0	1	1	3	10
CNTRL13	7	M	-0.0000	1	2	Y	4	5	0	0	0	0	8	5
CNTRL13	7	M	-0.0000	2	3	Y	6	7	0	1	0	0	6	7
CNTRL13	7	M	-0.0000	2	4	Y	7	9	0	0	0	0	7	9
CNTRL13	7	M	-0.0000	3	5	Y	6	9	0	0	0	1	6	9
CNTRL13	7	M	-0.0000	3	6	Y	6	7	0	1	0	0	6	7
CNTRL13	7	M	-0.0000	4	7	Y	9	5	1	0	2	0	10	5
CNTRL13	7	M	-0.0000	4	8	Y	4	8	0	0	0	0	4	8
CNTRL13	7	M	-0.0000	5	9	Y	11	3	1	0	2	0	12	3
CNTRL13	7	M	-0.0000	5	10	Y	3	10	0	0	0	0	3	11
CNTRL13	7	M	-0.0000	6	11	Y	5	7	0	0	0	0	5	8
CNTRL13	7	M	-0.0000	6	12	Y	7	4	0	0	0	0	7	4
CNTRL13	7	M	-0.0000	7	13	Y	8	5	0	0	0	0	8	5
CNTRL13	7	M	-0.0000	7	14	Y	6	9	1	1	0	0	6	10
CNTRL13	7	M	-0.0000	8	15	Y	11	5	1	0	0	0	11	6
CNTRL13	7	M	-0.0000	8	16	Y	9	5	0	0	0	0	9	5
CNTRL13	7	M	-0.0000	9	17	Y	7	4	1	0	0	0	7	4
CNTRL13	7	M	-0.0000	9	18	Y	7	7	0	0	0	0	8	7
CNTRL13	7	M	-0.0000	10	19	Y	5	7	0	0	0	0	5	7
CNTRL13	7	M	-0.0000	10	20	Y	5	7	0	1	0	0	5	7

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	7	M	.0300	11	21	Y	5	8	0	0	0	0	5	9
71-13	7	M	.0300	11	22	Y	4	3	1	0	0	0	5	5
71-13	7	M	.0300	12	23	Y	7	8	0	0	1	0	7	8
71-13	7	M	.0300	12	24	Y	9	6	2	0	1	0	9	6
71-13	7	M	.0300	13	25	Y	8	8	0	0	0	0	8	8
71-13	7	M	.0300	13	26	Y	9	5	0	0	0	0	9	5
71-13	7	M	.0300	14	27	Y	4	11	0	0	0	0	4	11
71-13	7	M	.0300	14	28	Y	5	6	0	0	0	0	5	6
71-13	7	M	.0300	15	29	Y	6	6	0	0	0	0	8	7
71-13	7	M	.0300	15	30	Y	7	6	0	0	1	0	7	6
71-13	7	M	.0300	16	31	Y	9	5	0	0	0	0	9	5
71-13	7	M	.0300	16	32	Y	6	8	0	2	0	0	6	8
71-13	7	M	.0300	17	33	Y	8	6	1	0	0	0	10	7
71-13	7	M	.0300	17	34	Y	7	5	1	0	0	0	7	5
71-13	7	M	.0300	18	35	Y	6	7	0	0	0	0	6	7
71-13	7	M	.0300	18	36	Y	7	4	0	0	0	0	7	4
71-13	7	M	.0300	19	37	Y	8	8	1	1	1	0	10	8
71-13	7	M	.0300	19	38	Y	6	6	0	0	0	0	6	6
71-13	7	M	.0300	20	39	Y	4	8	0	1	0	0	4	8
71-13	7	M	.0300	20	40	Y	8	4	0	0	0	0	8	4
71-13	7	M	2.5000	21	41	Y	6	5	0	0	0	0	7	5
71-13	7	M	2.5000	21	42	Y	4	7	0	0	0	0	4	7
71-13	7	M	2.5000	22	43	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	7	M	2.5000	22	44	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	7	M	2.5000	23	45	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	7	M	2.5000	23	46	Y	1	1	0	0	1	1	5	8
71-13	7	M	2.5000	24	47	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	7	M	2.5000	24	48	Y	8	5	0	0	0	0	10	5
71-13	7	M	2.5000	25	49	Y	7	7	0	0	1	0	7	7
71-13	7	M	2.5000	25	50	Y	7	7	0	0	2	3	7	7
71-13	7	M	2.5000	26	51	Y	7	8	0	1	0	0	7	8
71-13	7	M	2.5000	26	52	Y	5	6	0	0	0	0	5	6
71-13	7	M	2.5000	27	53	Y	3	8	0	0	0	0	3	8
71-13	7	M	2.5000	27	54	Y	7	5	0	0	0	0	7	6
71-13	7	M	2.5000	28	55	Y	6	9	1	2	0	0	7	9
71-13	7	M	2.5000	28	56	Y	9	6	1	0	0	0	9	7
71-13	7	M	2.5000	29	57	Y	5	6	0	1	0	0	5	8
71-13	7	M	2.5000	29	58	Y	5	6	0	0	2	0	5	6
71-13	7	M	2.5000	30	59	Y	5	6	0	0	0	0	7	6
71-13	7	M	2.5000	30	60	Y	7	3	0	0	0	0	8	6

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	7	M	5.0000	31	61	Y	8	5	0	0	1	2	8	5
71-13	7	M	5.0000	31	62	Y	1	3	0	0	0	0	7	3
71-13	7	M	5.0000	32	63	Y	7	4	0	0	0	0	8	4
71-13	7	M	5.0000	32	64	Y	7	8	0	0	0	0	7	8
71-13	7	M	5.0000	33	65	Y	8	4	0	1	0	0	8	5
71-13	7	M	5.0000	33	66	Y	6	4	1	1	0	0	7	6
71-13	7	M	5.0000	34	67	Y	9	5	0	0	1	0	10	5
71-13	7	M	5.0000	34	68	Y	5	9	0	0	0	1	5	9
71-13	7	M	5.0000	35	69	Y	4	10	0	0	0	0	4	10
71-13	7	M	5.0000	35	70	Y	7	7	1	0	0	0	7	7
71-13	7	M	5.0000	36	71	Y	8	4	0	0	0	2	4	11
71-13	7	M	5.0000	36	72	Y	7	7	0	0	0	0	7	7
71-13	7	M	5.0000	37	73	Y	11	2	0	0	3	0	11	2
71-13	7	M	5.0000	37	74	Y	7	0	3	0	0	0	10	1
71-13	7	M	5.0000	38	75	Y	7	5	0	0	0	1	8	5
71-13	7	M	5.0000	38	76	Y	6	7	1	0	0	0	7	7
71-13	7	M	5.0000	39	77	Y	8	6	0	0	0	0	8	6
71-13	7	M	5.0000	39	78	Y	6	6	0	0	0	0	6	6
71-13	7	M	5.0000	40	79	Y	5	9	0	0	0	0	5	9
71-13	7	M	5.0000	40	80	Y	5	7	1	0	0	0	6	7

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
CNTRL13	8	S	-0.0000	1	1	Y	6	5	1	0	0	0	7	7
CNTRL13	8	S	-0.0000	1	2	N	-0	-0	-0	-0	-0	-0	-0	-0
CNTRL13	8	S	-0.0000	2	3	Y	4	7	0	0	0	0	4	7
CNTRL13	8	S	-0.0000	2	4	N	-0	-0	-0	-0	-0	-0	-0	-0
CNTRL13	8	S	-0.0000	3	5	Y	7	5	0	0	0	0	7	5
CNTRL13	8	S	-0.0000	3	6	N	-0	-0	-0	-0	-0	-0	-0	-0
CNTRL13	8	S	-0.0000	4	7	Y	9	3	0	0	0	0	9	5
CNTRL13	8	S	-0.0000	4	8	Y	3	6	0	3	1	0	6	8
CNTRL13	8	S	-0.0000	5	9	Y	5	6	0	0	0	0	6	7
CNTRL13	8	S	-0.0000	5	10	Y	6	6	0	1	0	1	6	6
CNTRL13	8	S	-0.0000	6	11	Y	7	8	0	1	0	0	7	8
CNTRL13	8	S	-0.0000	6	12	Y	8	5	1	1	0	0	8	5
CNTRL13	8	S	-0.0000	7	13	Y	4	9	1	0	0	0	4	10
CNTRL13	8	S	-0.0000	7	14	Y	0	2	0	1	0	0	6	7
CNTRL13	8	S	-0.0000	8	15	Y	9	5	1	0	0	0	9	5
CNTRL13	8	S	-0.0000	8	16	Y	6	5	1	0	0	0	6	7
CNTRL13	8	S	-0.0000	9	17	Y	5	7	0	0	0	0	5	7
CNTRL13	8	S	-0.0000	9	18	Y	9	4	0	0	0	0	9	6
CNTRL13	8	S	-0.0000	10	19	Y	2	11	0	1	1	1	2	11
CNTRL13	8	S	-0.0000	10	20	Y	4	5	0	1	0	0	4	7
71-13	8	S	.0300	21	41	Y	6	8	1	0	0	0	6	8
71-13	8	S	.0300	21	42	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	8	S	.0300	22	43	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	8	S	.0300	22	44	Y	6	7	0	0	4	3	6	8
71-13	8	S	.0300	23	45	Y	7	7	1	0	0	0	7	7
71-13	8	S	.0300	23	46	Y	8	4	0	0	0	0	9	6
71-13	8	S	.0300	24	47	Y	6	8	0	1	0	0	6	8
71-13	8	S	.0300	24	48	Y	3	8	0	0	0	0	3	8
71-13	8	S	.0300	25	49	Y	3	10	0	0	0	0	3	10
71-13	8	S	.0300	25	50	Y	7	6	0	0	0	1	8	6
71-13	8	S	.0300	26	51	Y	6	8	0	0	0	0	6	9
71-13	8	S	.0300	26	52	Y	6	6	1	0	0	0	6	9
71-13	8	S	.0300	27	53	Y	6	7	0	0	0	0	6	7
71-13	8	S	.0300	27	54	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	8	S	.0300	28	55	Y	2	9	0	1	0	0	3	11
71-13	8	S	.0300	28	56	Y	6	8	0	0	0	0	7	8
71-13	8	S	.0300	29	57	Y	6	7	0	1	0	0	6	7
71-13	8	S	.0300	29	58	N	-0	-0	-0	-0	-0	-0	-0	-0
71-13	8	S	.0300	30	59	Y	6	4	0	0	1	1	7	6
71-13	8	S	.0300	30	60	Y	7	7	0	1	0	0	8	7

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
71-13	8	S	2.5000	31	61	Y	5	8	1	0	0	0	5	8
71-13	8	S	2.5000	31	62	Y	9	6	0	0	0	0	10	6
71-13	8	S	2.5000	32	63	Y	7	7	1	0	0	0	7	8
71-13	8	S	2.5000	32	64	Y	4	8	0	0	0	0	4	8
71-13	8	S	2.5000	33	65	Y	6	8	0	0	0	0	6	8
71-13	8	S	2.5000	33	66	Y	3	4	0	0	0	0	4	4
71-13	8	S	2.5000	34	67	Y	8	3	0	0	0	0	10	3
71-13	8	S	2.5000	34	68	Y	5	7	0	0	0	0	5	7
71-13	8	S	2.5000	35	69	Y	7	6	0	0	0	0	8	7
71-13	8	S	2.5000	35	70	Y	7	7	0	0	0	0	8	7
71-13	8	S	2.5000	36	71	Y	6	6	1	0	0	0	6	6
71-13	8	S	2.5000	36	72	Y	5	8	0	0	1	3	5	8
71-13	8	S	2.5000	37	73	Y	8	6	0	1	0	0	8	6
71-13	8	S	2.5000	37	74	Y	8	7	0	1	0	0	10	7
71-13	8	S	2.5000	38	75	Y	4	6	0	0	1	0	5	6
71-13	8	S	2.5000	38	76	Y	4	8	0	0	0	0	4	8
71-13	8	S	2.5000	39	77	Y	7	6	0	0	0	0	8	6
71-13	8	S	2.5000	39	78	Y	6	7	0	0	0	0	7	7
71-13	8	S	2.5000	40	79	Y	8	4	0	0	0	0	8	4
71-13	8	S	2.5000	40	80	Y	5	9	0	1	0	1	5	9
71-13	8	S	5.0000	41	81	Y	9	1	0	0	0	0	9	5
71-13	8	S	5.0000	41	82	Y	5	8	0	3	0	0	5	10
71-13	8	S	5.0000	42	83	Y	6	8	0	0	0	0	6	8
71-13	8	S	5.0000	42	84	Y	7	6	0	0	1	0	7	6
71-13	8	S	5.0000	43	85	Y	6	7	0	0	0	0	6	7
71-13	8	S	5.0000	43	86	Y	5	5	0	0	0	0	6	5
71-13	8	S	5.0000	44	87	Y	7	9	1	1	0	0	8	9
71-13	8	S	5.0000	44	88	Y	4	9	0	0	0	2	8	9
71-13	8	S	5.0000	45	89	Y	3	11	0	2	0	0	6	11
71-13	8	S	5.0000	45	90	Y	6	9	1	1	0	0	8	10
71-13	8	S	5.0000	46	91	Y	9	5	0	0	0	0	9	5
71-13	8	S	5.0000	46	92	Y	0	4	0	0	0	0	4	7
71-13	8	S	5.0000	47	93	Y	7	6	0	0	0	0	7	6
71-13	8	S	5.0000	47	94	Y	5	6	0	0	0	0	5	6
71-13	8	S	5.0000	48	95	Y	7	7	0	1	0	0	7	7
71-13	8	S	5.0000	48	96	Y	5	8	0	0	0	0	5	8
71-13	8	S	5.0000	49	97	Y	6	6	0	0	0	1	6	7
71-13	8	S	5.0000	49	98	Y	9	7	0	0	0	1	9	7
71-13	8	S	5.0000	50	99	Y	6	7	0	1	0	0	6	7
71-13	8	S	5.0000	50	100	Y	7	7	0	2	0	0	8	7

TEST MATERIAL	WEEK	S/M	DOSE	MALE NO.	FEMALE NO.	PREG.	IMPLANTS L	IMPLANTS R	EARLY DEATHS L	EARLY DEATHS R	LATE DEATHS L	LATE DEATHS R	CORPORA LUTEA L	CORPORA LUTEA R
TEM13	8	S	.0002	11	21	Y	4	8	0	0	1	0	4	9
TEM13	8	S	.0002	11	22	Y	8	7	0	0	0	0	8	7
TEM13	8	S	.0002	12	23	Y	7	7	0	0	0	0	7	7
TEM13	8	S	.0002	12	24	Y	9	4	0	0	0	0	9	4
TEM13	8	S	.0002	13	25	Y	2	10	0	0	0	0	4	10
TEM13	8	S	.0002	13	26	Y	6	8	0	0	1	1	6	8
TEM13	8	S	.0002	14	27	Y	8	6	0	0	0	0	8	7
TEM13	8	S	.0002	14	28	Y	8	8	0	0	0	0	9	8
TEM13	8	S	.0002	15	29	Y	5	9	0	0	0	0	5	11
TEM13	8	S	.0002	15	30	Y	5	9	0	0	0	2	5	9
TEM13	8	S	.0002	16	31	Y	3	9	0	0	0	0	3	9
TEM13	8	S	.0002	16	32	Y	2	8	0	0	1	0	4	11
TEM13	8	S	.0002	17	33	Y	5	6	1	0	0	0	6	6
TEM13	8	S	.0002	17	34	Y	6	8	0	0	0	0	6	8
TEM13	8	S	.0002	18	35	Y	8	6	0	1	0	0	10	6
TEM13	8	S	.0002	18	36	Y	4	8	0	1	0	0	4	9
TEM13	8	S	.0002	19	37	Y	8	6	3	1	0	0	8	6
TEM13	8	S	.0002	19	38	Y	9	4	2	0	0	1	9	4
TEM13	8	S	.0002	20	39	Y	10	4	0	0	0	0	10	4
TEM13	8	S	.0002	20	40	Y	8	4	0	0	0	0	8	6

CHI-SQUARE TEST OF THE FERTILITY INDEX (1 DEGREE OF FREEDOM)

WEEK	VEHICLE CONTROL				71-13 .03 G/KG				71-13 2.5 G/KG				71-13 5.0 G/KG				TEM .2 MG/KG			
	N PRG	N MTD	FERT. INDEX	CHISQ	N PRG	N MTD	FERT. INDEX	CHISQ	N PRG	N MTD	FERT. INDEX	CHISQ	N PRG	N MTD	FERT. INDEX	CHISQ	N PRG	N MTD	FERT. INDEX	CHISQ
SINGLE TREATMENT																				
1	17	20	.85	0.00	13	20	.65	1.20	15	20	.75	.16	18	20	.90	0.00	14	20	.70	.57
2	20	20	1.00	0.00	18	20	.90	.53	19	20	.95	0.00	20	20	1.00	0.00	18	20	.90	.53
3	20	20	1.00	0.00	18	20	.90	.53	17	20	.85	1.44	20	20	1.00	0.00	20	20	1.00	0.00
4	20	20	1.00	0.00	19	20	.95	0.00	20	20	1.00	0.00	20	20	1.00	0.00	20	20	1.00	0.00
5	20	20	1.00	0.00	19	20	.95	0.00	20	20	1.00	0.00	20	20	1.00	0.00	20	20	1.00	0.00
6	20	20	1.00	0.00	16	20	.80	2.50	17	20	.85	1.44	20	20	1.00	0.00	20	20	1.00	0.00
7	20	20	1.00	0.00	19	20	.95	0.00	19	20	.95	0.00	20	20	1.00	0.00	20	20	1.00	0.00
8	17	20	.85	0.00	16	20	.80	0.00	20	20	1.00	1.44	20	20	1.00	1.44	20	20	1.00	1.44
MULTIPLE TREATMENT																				
1	17	20	.85	0.00	15	20	.75	.16	16	20	.80	0.00	16	20	.80	0.00				
2	20	20	1.00	0.00	20	20	1.00	0.00	16	20	.80	2.50	16	20	.80	2.50				
3	20	20	1.00	0.00	20	20	1.00	0.00	16	20	.80	2.50	18	20	.90	.53				
4	20	20	1.00	0.00	20	20	1.00	0.00	16	20	.80	2.50	20	20	1.00	0.00				
5	20	20	1.00	0.00	20	20	1.00	0.00	14	20	.70	4.90	19	20	.95	0.00				
6	20	20	1.00	0.00	20	20	1.00	0.00	16	20	.80	2.50	19	20	.95	0.00				
7	20	20	1.00	0.00	20	20	1.00	0.00	16	20	.80	2.50	20	20	1.00	0.00				

ARMITAGE TEST FOR A LINEAR TREND IN PROPORTIONS FOR THE FERTILITY INDEX
(1 DEGREE OF FREEDOM) BASED ON THE DOSE LEVELS

	.03 G/KG		2.5 G/KG		5.0 G/KG				
WEEK	N PRG	N MTD	N PRG	N MTD	N PRG	N MTD	CHISQ (C-1)	CHISQ (1)	ARMTG CHISQ
							SINGLE TREATMENT		
1	13	20	15	20	18	20	3.54	3.50	.04
2	18	20	19	20	20	20	2.11	2.11	.00
3	18	20	17	20	20	20	3.05	1.32	1.73
4	19	20	20	20	20	20	2.03	1.52	.51
5	19	20	20	20	20	20	2.03	1.52	.51
6	16	20	17	20	20	20	4.20	3.89	.32
7	19	20	19	20	20	20	1.03	.78	.26
8	16	20	20	20	20	20	8.57	6.40	2.17
							MULTIPLE TREATMENT		
1	15	20	16	20	16	20	.20	.15	.05
2	20	20	16	20	16	20	4.62	3.45	1.17
3	20	20	16	20	18	20	4.44	1.10	3.35
4	20	20	16	20	20	20	8.57	.00	8.57
5	20	20	14	20	19	20	10.03	.23	9.79
6	20	20	16	20	19	20	5.67	.32	5.35
7	20	20	16	20	20	20	8.57	.00	8.57

ARMITAGE TEST FOR A LINEAR TREND IN PROPORTIONS FOR THE FERTILITY INDEX
(1 DEGREE OF FREEDOM) BASED ON THE LOGARITHMS OF THE DOSE LEVELS

	.03 G/KG		2.5 G/KG		5.0 G/KG				
WEEK	N PRG	N MTD	N PRG	N MTD	N PRG	N MTD	CHISQ (C-1)	CHISQ (1)	ARMTG CHISQ
							SINGLE TREATMENT		
1	13	20	15	20	18	20	3.54	2.69	.85
2	18	20	19	20	20	20	2.11	1.79	.32
3	18	20	17	20	20	20	3.05	.29	2.76
4	19	20	20	20	20	20	2.03	2.00	.03
5	19	20	20	20	20	20	2.03	2.00	.03
6	16	20	17	20	20	20	4.20	2.54	1.66
7	19	20	19	20	20	20	1.03	.38	.66
8	16	20	20	20	20	20	8.57	8.44	.13
							MULTIPLE TREATMENT		
1	15	20	16	20	16	20	.20	.19	.00
2	20	20	16	20	16	20	4.62	4.54	.07
3	20	20	16	20	18	20	4.44	2.82	1.62
4	20	20	16	20	20	20	8.57	1.29	7.28
5	20	20	14	20	19	20	10.03	2.78	7.25
6	20	20	16	20	19	20	5.67	2.03	3.64
7	20	20	16	20	20	20	8.57	1.29	7.28

ARMITAGE TEST FOR A LINEAR TREND IN PROPORTIONS FOR THE FERTILITY INDEX
(2 DEGREES OF FREEDOM) BASED ON THE DOSE LEVELS AND INCLUDING THE CONTROL GROUP

	CONTROL		.03 G/KG		2.5 G/KG		5.0 G/KG				
WEEK	N PRG	N MTD	N PRG	N MTD	N PRG	N MTD	N PRG	N MTD	CHISQ (C-1)	CHISQ (1)	ARMTG CHISQ
						SINGLE TREATMENT					
1	17	20	13	20	15	20	18	20	4.41	1.51	2.90
2	20	20	18	20	19	20	20	20	3.81	.77	3.04
3	20	20	18	20	17	20	20	20	5.76	.17	5.59
4	20	20	19	20	20	20	20	20	3.04	.81	2.22
5	20	20	19	20	20	20	20	20	3.04	.81	2.22
6	20	20	16	20	17	20	20	20	7.98	1.13	6.85
7	20	20	19	20	19	20	20	20	2.05	.18	1.87
8	17	20	16	20	20	20	20	20	7.98	6.25	1.73
						MULTIPLE TREATMENT					
1	17	20	15	20	16	20	16	20	.62	.00	.62
2	20	20	20	20	16	20	16	20	8.89	7.26	1.63
3	20	20	20	20	16	20	18	20	7.93	3.20	4.73
4	20	20	20	20	16	20	20	20	12.63	.38	12.26
5	20	20	20	20	14	20	19	20	15.50	1.71	13.79
6	20	20	20	20	16	20	19	20	9.17	1.56	7.61
7	20	20	20	20	16	20	20	20	12.63	.38	12.26

T-TEST OF THE NUMBER OF IMPLANTATIONS IN PREGNANT FEMALES.

WEEK	CONTROL			71-13 .03 G/KG					71-13 2.5 G/KG					71-13 5.0 G/KG					TEM .2 MG/KG				
	N PRG	MEAN	STD DEV	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T
											SINGLE TREATMENT												
1	17	10.76	3.19	13	10.69	1.32	28	.077	15	11.93	2.19	30	1.191	18	9.89	4.11	33	.701	14	11.36	3.18	29	.515
2	20	12.40	1.54	18	11.83	1.54	36	1.133	19	11.89	1.73	37	.966	20	12.10	2.27	38	.490	18	10.50	3.55	36	2.179
3	20	11.80	2.95	18	11.89	3.79	36	.081	17	12.53	1.59	35	.913	20	12.10	1.97	38	.378	20	9.85	3.56	38	1.887
4	20	12.70	1.75	19	12.79	1.55	37	.169	20	12.45	1.85	38	.439	20	12.20	3.07	38	.633	20	5.80	3.19	38	8.483
5	20	12.35	2.06	19	12.00	2.75	37	.452	20	12.35	1.73	38	0.000	20	12.95	1.67	38	1.012	20	11.70	1.87	38	1.046
6	20	13.10	1.55	16	12.81	1.83	34	.509	17	13.06	2.54	35	.061	20	12.90	3.35	38	.242	20	13.35	3.39	38	.300
7	20	13.10	1.74	19	13.11	1.59	37	.010	19	12.42	2.36	37	1.024	20	13.40	1.64	38	.561	20	12.20	2.82	38	1.214
8	17	11.35	2.87	16	12.81	1.28	31	1.866	20	12.65	1.84	35	1.660	20	12.75	2.61	35	1.549	20	13.20	1.44	35	2.533
											MULTIPLE TREATMENT												
1	17	10.76	3.19	15	11.67	1.72	30	.975	16	11.94	1.24	31	1.375	16	10.87	3.44	31	.096					
2	20	12.40	1.54	20	13.90	1.55	38	3.072	16	11.69	3.09	34	.903	16	11.56	2.94	34	1.101					
3	20	11.80	2.95	20	12.35	1.42	38	.751	16	11.75	2.70	34	.052	18	11.67	3.74	36	.123					
4	20	12.70	1.75	20	12.10	3.24	38	.728	16	12.56	2.22	34	.208	20	11.80	2.88	38	1.195					
5	20	12.35	2.06	20	12.65	2.03	38	.464	14	12.43	2.21	32	.106	19	12.11	1.79	37	.395					
6	20	13.10	1.55	20	12.70	2.13	38	.679	16	12.75	2.96	34	.458	19	12.11	2.92	37	1.337					
7	20	13.10	1.74	20	13.05	2.09	38	.082	16	11.69	3.11	34	1.722	20	12.20	2.65	38	1.269					

REGRESSION FITS OF THE NUMBER, U, OF IMPLANTATIONS ON 1) DOSE, AND 2) LOG DOSE,
(PREDICTED U = A + B*X) CONTROL GROUP EXCLUDED

WEEK	X	N	XBAR	SD X	UBAR	SD U	B	A	TB	DF	VARU,X	CV U	VARB	VARA	VARUBAR
							SINGLE TREATMENT								
1	DOSE	46	2.78	2.05	10.78	3.02	-.198	11.334	-.899	44	9.1461	.2805	.0486	.5745	.1988
	LOG DOSE	46	-.06	2.21	10.78	3.02	-.027	10.781	-.132	44	9.3105	.2830	.0425	.2026	.2024
2	DOSE	57	2.60	2.05	11.95	1.86	.054	11.807	.444	55	3.4937	.1564	.0149	.1619	.0613
	LOG DOSE	57	-.24	2.26	11.95	1.86	.039	11.957	.354	55	3.4983	.1566	.0122	.0621	.0614
3	DOSE	55	2.60	2.00	12.16	2.59	.039	12.063	.226	53	6.8147	.2146	.0291	.3207	.1239
	LOG DOSE	55	-.28	2.29	12.16	2.59	.074	12.184	.479	53	6.7919	.2143	.0240	.1254	.1235
4	DOSE	59	2.55	2.04	12.47	2.24	-.118	12.777	-.818	57	5.0410	.1800	.0209	.2218	.0854
	LOG DOSE	59	-.27	2.27	12.47	2.24	-.102	12.447	-.781	57	5.0462	.1801	.0169	.0868	.0855
5	DOSE	59	2.55	2.04	12.44	2.09	.192	11.952	1.432	57	4.3105	.1669	.0179	.1897	.0731
	LOG DOSE	59	-.27	2.27	12.44	2.09	.148	12.481	1.225	57	4.3511	.1677	.0146	.0740	.0737
6	DOSE	53	2.70	2.06	12.92	2.66	.015	12.865	.080	51	7.2089	.2077	.0327	.3739	.1360
	LOG DOSE	53	-.16	2.24	12.92	2.66	.029	12.929	.175	51	7.2054	.2077	.0276	.1366	.1360
7	DOSE	58	2.55	2.06	12.98	1.91	.063	12.823	.508	56	3.6792	.1477	.0153	.1630	.0634
	LOG DOSE	58	-.29	2.28	12.98	1.91	-.015	12.978	-.136	56	3.6949	.1481	.0125	.0648	.0637
8	DOSE	56	2.69	2.00	12.73	2.00	-.010	12.760	-.076	54	4.0548	.1582	.0184	.2051	.0724
	LOG DOSE	56	-.10	2.19	12.73	2.00	-.021	12.730	-.166	54	4.0532	.1581	.0153	.0725	.0724
							MULTIPLE TREATMENTS								
1	DOSE	47	2.56	2.04	11.49	2.34	-.163	11.907	-.962	45	5.4817	.2038	.0287	.3048	.1166
	LOG DOSE	47	-.26	2.27	11.49	2.34	-.079	11.469	-.513	45	5.5619	.2053	.0236	.1199	.1183
2	DOSE	52	2.32	2.08	12.50	2.74	-.484	13.623	-2.791	50	6.6273	.2059	.0301	.2892	.1274
	LOG DOSE	52	-.57	2.36	12.50	2.74	-.473	12.230	-3.152	50	6.3902	.2022	.0225	.1302	.1229
3	DOSE	54	2.42	2.10	11.94	2.72	-.139	12.280	-.780	52	7.4291	.2282	.0317	.3232	.1376
	LOG DOSE	54	-.49	2.35	11.94	2.72	-.134	11.879	-.844	52	7.4144	.2280	.0253	.1434	.1373
4	DOSE	56	2.51	2.12	12.12	2.82	-.061	12.278	-.337	54	8.0595	.2341	.0326	.3496	.1439
	LOG DOSE	56	-.42	2.34	12.12	2.82	-.008	12.122	-.046	54	8.0761	.2344	.0268	.1488	.1442
5	DOSE	53	2.46	2.15	12.40	1.97	-.110	12.666	-.858	51	3.9175	.1597	.0163	.1727	.0739
	LOG DOSE	53	-.50	2.38	12.40	1.97	-.090	12.351	-.774	51	3.9279	.1599	.0134	.0775	.0741
6	DOSE	55	2.47	2.11	12.51	2.64	-.119	12.802	-.696	53	7.0254	.2119	.0292	.3051	.1277
	LOG DOSE	55	-.45	2.35	12.51	2.64	-.075	12.475	-.485	53	7.0582	.2124	.0237	.1332	.1283
7	DOSE	56	2.51	2.12	12.36	2.62	-.170	12.785	-1.021	54	6.8831	.2123	.0279	.2986	.1229
	LOG DOSE	56	-.42	2.34	12.36	2.62	-.211	12.270	-1.405	54	6.7685	.2105	.0225	.1247	.1209

REGRESSION FITS OF THE NUMBER, U, OF IMPLANTATIONS ON DOSE,
(PREDICTED U = A + B*X) CONTROL GROUP INCLUDED

WEEK	X	N	XBAR	SD X	UBAR	SD U	B	A	TB	DF	VARU.X	CV U	VARB	VARA	VARUBAR
							SINGLE TREATMENT								
1	DOSE	63	2.03	2.14	10.78	3.04	-.129	11.040	-.713	61	9.3139	.2832	.0328	.2829	.1478
2	DOSE	77	1.92	2.10	12.06	1.78	-.014	12.092	-.144	75	3.2081	.1485	.0096	.0772	.0417
3	DOSE	75	1.91	2.12	12.07	2.67	.069	11.936	.467	73	7.2205	.2227	.0217	.1750	.0963
4	DOSE	79	1.91	2.08	12.53	2.12	-.110	12.741	-.952	77	4.4883	.1691	.0133	.1050	.0568
5	DOSE	79	1.91	2.08	12.42	2.07	.147	12.138	1.307	77	4.2589	.1662	.0126	.0997	.0539
6	DOSE	73	1.96	2.13	12.97	2.40	-.011	12.995	-.084	71	5.8296	.1861	.0179	.1484	.0799
7	DOSE	78	1.90	2.09	13.01	1.86	.032	12.953	.311	76	3.4822	.1434	.0103	.0818	.0446
8	DOSE	73	2.06	2.09	12.41	2.28	.146	12.109	1.139	71	5.1963	.1837	.0165	.1413	.0712
							MULTIPLE TREATMENTS								
1	DOSE	64	1.88	2.08	11.30	2.59	-.029	11.352	-.185	62	6.7924	.2307	.0249	.1942	.1061
2	DOSE	72	1.67	2.05	12.47	2.46	-.347	13.053	-2.528	70	5.6019	.1898	.0188	.1305	.0778
3	DOSE	74	1.76	2.09	11.91	2.76	-.086	12.057	-.553	72	7.6942	.2330	.0241	.1790	.1040
4	DOSE	76	1.85	2.13	12.28	2.58	-.107	12.474	-.761	74	6.6936	.2107	.0197	.1555	.0881
5	DOSE	73	1.79	2.14	12.38	1.98	-.075	12.518	-.684	71	3.9634	.1608	.0121	.0929	.0543
6	DOSE	75	1.81	2.11	12.67	2.40	-.152	12.941	-1.149	73	5.7410	.1892	.0174	.1334	.0765
7	DOSE	76	1.85	2.13	12.55	2.44	-.205	12.931	-1.564	74	5.8182	.1922	.0171	.1351	.0766

T-TEST TEST OF THE (TRANSFORMED) PRE-IMPLANTATION LOSSES IN PREGNANT FEMALES.
(LOSSES TAKEN AS A SUBSET OF THE SET OF CORPORA LUTEA)

WEEK	CONTROL			71-13 .03 G/KG					71-13 2.5 G/KG					71-13 5.0 G/KG					TEM .2 MG/KG				
	N PRG	MEAN	STD DEV	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T
											SINGLE TREATMENT												
1	17	.62	.59	13	.62	.40	28	.033	15	.44	.32	30	1.025	18	.78	.64	33	.766	14	.66	.52	29	.209
2	20	.43	.27	18	.39	.22	36	.483	19	.50	.33	37	.670	20	.49	.40	38	.552	18	.87	.57	36	3.038
3	20	.38	.48	18	.53	.42	36	.302	17	.51	.24	35	.533	20	.48	.37	38	.746	20	1.01	.59	38	2.567
4	20	.44	.32	19	.47	.25	37	.355	20	.56	.31	38	1.254	20	.56	.45	38	.973	20	1.52	.57	38	7.374
5	20	.49	.30	19	.57	.44	37	.678	20	.44	.29	38	.539	20	.33	.15	38	2.126	20	.54	.36	38	.441
6	20	.50	.26	16	.56	.26	34	.689	17	.53	.43	35	.305	20	.62	.54	38	.964	20	.60	.48	38	.883
7	20	.44	.25	19	.44	.21	37	.032	19	.49	.42	37	.508	20	.46	.29	38	.301	20	.49	.46	38	.490
8	17	.69	.53	16	.56	.30	31	.842	20	.49	.23	35	1.519	20	.59	.42	35	.617	20	.52	.29	35	1.298
											MULTIPLE TREATMENT												
1	17	.62	.59	15	.48	.27	30	.845	16	.48	.27	31	.853	16	.70	.67	31	.357					
2	20	.43	.27	20	.44	.24	38	.085	16	.54	.51	34	.808	16	.67	.54	34	1.712					
3	20	.58	.48	20	.52	.25	38	.457	16	.57	.48	34	.043	18	.60	.63	36	.133					
4	20	.44	.32	20	.55	.33	38	1.130	16	.48	.37	34	.403	20	.63	.51	38	1.420					
5	20	.49	.30	20	.58	.38	38	.880	14	.46	.35	32	.235	19	.50	.28	37	.120					
6	20	.50	.26	20	.55	.34	38	.548	16	.55	.45	34	.423	19	.47	.50	37	.242					
7	20	.44	.25	20	.42	.29	38	.170	16	.65	.52	34	1.645	20	.58	.42	38	1.317					

T-TEST OF THE (TRANSFORMED) NUMBER OF DEAD IMPLANTS.

WEEK	CONTROL			71-13 .03 G/KG					71-13 2.5 G/KG					71-13 5.0 G/KG					TEM .2 MG/KG				
	N PRG	MEAN	STD DEV	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T
SINGLE TREATMENT																							
1	17	.48	.22	13	.58	.40	28	.910	15	.58	.45	30	.817	18	.61	.34	33	1.387	14	1.16	.49	29	5.142
2	20	.48	.27	18	.45	.22	36	.411	19	.43	.33	37	.496	20	.61	.44	38	1.111	18	1.53	.48	36	8.355
3	20	.51	.31	18	.60	.36	36	.874	17	.54	.27	35	.349	20	.51	.31	38	.032	20	1.69	.49	38	9.125
4	20	.45	.22	19	.50	.31	37	.579	20	.60	.46	38	1.337	20	.47	.38	38	.222	20	1.50	.53	38	8.217
5	20	.58	.46	19	.47	.30	37	.876	20	.61	.32	38	.246	20	.42	.31	38	1.301	20	.87	.51	38	1.891
6	20	.42	.27	16	.51	.28	34	1.016	17	.53	.38	35	1.038	20	.52	.35	38	1.015	20	.66	.24	38	2.913
7	20	.51	.27	19	.44	.24	37	.883	19	.42	.26	37	1.077	20	.53	.24	38	.275	20	.47	.27	38	.447
8	17	.60	.29	16	.57	.33	31	.272	20	.46	.27	35	1.513	20	.52	.24	35	.844	20	.50	.30	35	1.040
MULTIPLE TREATMENT																							
1	17	.48	.22	15	.59	.38	30	1.059	16	.41	.21	31	.903	16	.41	.23	31	.822					
2	20	.48	.27	20	.54	.29	38	.666	16	.66	.42	34	1.506	16	.62	.37	34	1.313					
3	20	.51	.31	20	.55	.25	38	.472	16	.46	.23	34	.447	18	.53	.46	36	.170					
4	20	.45	.22	20	.59	.34	38	1.490	16	.37	.19	34	1.170	20	.50	.26	38	.668					
5	20	.58	.46	20	.44	.27	38	1.154	14	.42	.21	32	1.215	19	.45	.30	37	1.068					
6	20	.42	.27	20	.47	.27	38	.608	16	.41	.23	34	.198	19	.53	.32	37	1.115					
7	20	.51	.27	20	.48	.26	38	.349	16	.55	.33	34	.393	20	.58	.30	38	.773					

CHI-SQUARE TEST OF THE DEATH INDEX (1 DEGREE OF FREEDOM)

WEEK	VEHICLE CONTROL				71-13 .03 G/KG				71-13 2.5 G/KG				71-13 5.0 G/KG				TEM .2 MG/KG			
	N WDI	N PRG	DEATH INDEX	CHISQ	N WDI	N PRG	DEATH INDEX	CHISQ	N WDI	N PRG	DEATH INDEX	CHISQ	N WDI	N PRG	DEATH INDEX	CHISQ	N WDI	N PRG	DEATH INDEX	CHISQ
									SINGLE TREATMENT											
1	8	17	.47	0.00	6	13	.46	.10	6	15	.40	.00	10	18	.56	.03	14	14	1.00	8.03
2	8	20	.40	0.00	7	18	.39	.07	4	19	.21	.87	10	20	.50	.10	17	18	.94	10.18
3	9	20	.45	0.00	10	18	.56	.11	10	17	.59	.26	9	20	.45	.10	20	20	1.00	12.54
4	9	20	.45	0.00	9	19	.47	.03	10	20	.50	0.00	6	20	.30	.43	20	20	1.00	12.54
5	9	20	.45	0.00	7	19	.37	.04	13	20	.65	.91	5	20	.25	.99	14	20	.70	1.64
6	6	20	.30	0.00	8	16	.50	.77	7	17	.41	.13	9	20	.45	.43	16	20	.80	8.18
7	10	20	.50	0.00	7	19	.37	.26	6	19	.32	.71	12	20	.60	.10	8	20	.40	.10
8	11	17	.65	0.00	10	16	.63	.05	8	20	.40	1.37	11	20	.55	.07	9	20	.45	.75
									MULTIPLE TREATMENT											
1	8	17	.47	0.00	7	15	.47	.11	5	16	.31	.33	5	16	.31	.33				
2	8	20	.40	0.00	11	20	.55	.40	9	16	.56	.40	9	16	.56	.40				
3	9	20	.45	0.00	12	20	.60	.40	7	16	.44	.07	6	18	.33	.16				
4	9	20	.45	0.00	11	20	.55	.10	4	16	.25	.80	10	20	.50	0.00				
5	9	20	.45	0.00	7	20	.35	.10	5	14	.36	.04	6	19	.32	.28				
6	6	20	.30	0.00	9	20	.45	.43	5	16	.31	.03	9	19	.47	.62				
7	10	20	.50	0.00	9	20	.45	0.00	8	16	.50	.11	12	20	.60	.10				

ARMITAGE TEST FOR A LINEAR TREND IN PROPORTIONS FOR THE DEATH INDEX
(1 DEGREE OF FREEDOM) BASED ON THE DOSE LEVELS

	.03 G/KG		2.5 G/KG		5.0 G/KG				
WEEK	N WDI	N PRG	N WDI	N PRG	N WDI	N PRG	CHISQ (C-1)	CHISQ (1)	ARMTG CHISQ
							SINGLE TREATMENT		
1	6	13	6	15	10	18	.81	.34	.47
2	7	18	4	19	10	20	3.56	.59	2.97
3	10	18	10	17	9	20	.79	.45	.34
4	9	19	10	20	6	20	1.92	1.24	.69
5	7	19	13	20	5	20	6.90	.63	6.27
6	8	16	7	17	9	20	.26	.07	.19
7	7	19	6	19	12	20	3.66	2.20	1.46
8	10	16	8	20	11	20	1.93	.13	1.81
							MULTIPLE TREATMENT		
1	7	15	5	16	5	16	1.05	.78	.27
2	11	20	9	16	9	16	.01	.01	.00
3	12	20	7	16	6	18	2.77	2.73	.04
4	11	20	4	16	10	20	3.60	.10	3.50
5	7	20	5	14	6	19	.08	.05	.03
6	9	20	5	16	9	19	1.06	.02	1.04
7	9	20	8	16	12	20	.93	.90	.03

ARMITAGE TEST FOR A LINEAR TREND IN PROPORTIONS FOR THE DEATH INDEX
(1 DEGREE OF FREEDOM) BASED ON THE LOGARITHMS OF THE DOSE LEVELS

	.03 G/KG		2.5 G/KG		5.0 G/KG				
WEEK	N WDI	N PRG	N WDI	N PRG	N WDI	N PRG	CHISQ (C-1)	CHISQ (1)	ARMTG CHISQ
							SINGLE TREATMENT		
1	6	13	6	15	10	18	.81	.07	.75
2	7	18	4	19	10	20	3.56	.00	3.56
3	10	18	10	17	9	20	.79	.16	.63
4	9	19	10	20	6	20	1.92	.48	1.44
5	7	19	13	20	5	20	6.90	.07	6.83
6	8	16	7	17	9	20	.26	.18	.08
7	7	19	6	19	12	20	3.66	.80	2.87
8	10	16	8	20	11	20	1.93	.77	1.16
							MULTIPLE TREATMENT		
1	7	15	5	16	5	16	1.05	1.03	.02
2	11	20	9	16	9	16	.01	.01	.00
3	12	20	7	16	6	18	2.77	2.59	.18
4	11	20	4	16	10	20	3.60	.95	2.65
5	7	20	5	14	6	19	.08	.02	.05
6	9	20	5	16	9	19	1.06	.06	1.00
7	9	20	8	16	12	20	.93	.68	.25

ARMITAGE TEST FOR A LINEAR TREND IN PROPORTIONS FOR THE DEATH INDEX
(2 DEGREES OF FREEDOM) BASED ON THE DOSE LEVELS AND INCLUDING THE CONTROL GROUP

	CONTROL		.03 G/KG		2.5 G/KG		5.0 G/KG				
WEEK	N WDI	N PRG	N WDI	N PRG	N WDI	N PRG	N WDI	N PRG	CHISQ (C-1)	CHISQ (1)	ARMTG CHISQ
							SINGLE TREATMENT				
1	8	17	6	13	6	15	10	18	.82	.26	.56
2	8	20	7	18	4	19	10	20	3.59	.25	3.33
3	9	20	10	18	10	17	9	20	1.14	.06	1.08
4	9	20	9	19	10	20	6	20	1.96	1.10	.86
5	9	20	7	19	13	20	5	20	6.92	.61	6.31
6	6	20	8	16	7	17	9	20	1.67	.20	1.47
7	10	20	7	19	6	19	12	20	3.92	.92	3.00
8	11	17	10	16	8	20	11	20	2.83	.66	2.17
							MULTIPLE TREATMENT				
1	8	17	7	15	5	16	5	16	1.64	1.34	.30
2	8	20	11	20	9	16	9	16	1.45	.46	.99
3	9	20	12	20	7	16	6	18	2.78	1.86	.92
4	9	20	11	20	4	16	10	20	3.60	.08	3.52
5	9	20	7	20	5	14	6	19	.83	.41	.42
6	6	20	9	20	5	16	9	19	1.95	.36	1.59
7	10	20	9	20	8	16	12	20	.95	.78	.17

PROBIT ANALYSIS OF THE PROPORTION OF PREGNANT FEMALES WITH 1 OR MORE DEAD IMPLANTS
PROBIT = A + B(LOG DOSE)

WEEK	B	A	CHISQ	DF
	SINGLE TREATMENT			
1	.051	4.947	.74	1
2	.004	4.664	3.55	1
3	-.068	5.060	.63	1
4	-.117	4.793	1.48	1
5	.045	4.813	6.79	1
6	-.075	4.876	.08	1
7	.152	4.844	2.81	1
8	-.157	5.039	1.16	1
	MULTIPLE TREATMENT			
1	-.193	4.619	.02	1
2	.015	5.149	.00	1
3	-.275	4.846	.19	1
4	-.162	4.835	2.71	1
5	-.026	4.581	.05	1
6	-.041	4.785	1.01	1
7	.137	5.070	.26	1

T-TEST OF THE (TRANSFORMED) NUMBER OF DEAD IMPLANTS.
(DEAD IMPLANTS TAKEN AS A SUBSET OF THE SET OF IMPLANTS)

WEEK	CONTROL			71-13 .03 G/KG					71-13 2.5 G/KG					71-13 5.0 G/KG					TEM .2 MG/KG				
	N PRG	MEAN	STD DEV	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T
SINGLE TREATMENT																							
1	17	.53	.25	13	.63	.47	28	.716	15	.60	.46	30	.504	18	.80	.68	33	1.552	14	1.32	.65	29	4.625
2	20	.49	.28	18	.46	.23	36	.424	19	.44	.33	37	.477	20	.68	.62	38	1.251	18	1.82	.63	36	8.551
3	20	.58	.52	18	.61	.35	36	.204	17	.56	.28	35	.183	20	.52	.31	38	.430	20	2.13	.45	38	10.029
4	20	.46	.21	19	.51	.31	37	.597	20	.63	.47	38	1.449	20	.49	.38	38	.363	20	2.45	.43	38	18.628
5	20	.59	.46	19	.49	.30	37	.795	20	.62	.32	38	.212	20	.42	.33	38	1.347	20	.92	.56	38	2.028
6	20	.43	.27	16	.54	.30	34	1.102	17	.56	.41	35	1.185	20	.59	.47	38	1.339	20	.70	.24	38	3.276
7	20	.52	.27	19	.45	.25	37	.873	19	.50	.56	37	.118	20	.55	.25	38	.326	20	.56	.52	38	.287
8	17	.69	.40	16	.60	.36	31	.690	20	.47	.27	35	1.967	20	.56	.26	35	1.194	20	.51	.30	35	1.495
MULTIPLE TREATMENT																							
1	17	.53	.25	15	.61	.39	30	.668	16	.42	.22	31	1.342	16	.53	.53	31	.015					
2	20	.49	.28	20	.56	.31	38	.715	16	.70	.46	34	1.721	16	.69	.40	34	1.704					
3	20	.58	.52	20	.57	.26	38	.124	16	.49	.23	34	.641	18	.59	.47	36	.036					
4	20	.46	.21	20	.60	.34	38	1.556	16	.38	.18	34	1.166	20	.54	.26	38	1.092					
5	20	.59	.46	20	.46	.27	38	1.107	14	.44	.26	32	1.099	19	.46	.31	37	1.075					
6	20	.43	.27	20	.49	.27	38	.674	16	.43	.24	34	.054	19	.56	.33	37	1.331					
7	20	.52	.27	20	.49	.27	38	.282	16	.67	.59	34	.991	20	.62	.34	38	1.033					

CONTROL GROUP ANOVA FOR THE NUMBER OF PREGNANT FEMALES

	BETWEEN MALES			WITHIN MALES			TOTAL		
WEEK	SUMSQ	DF	MEANSQ	SUMSQ	DF	MEANSQ	SUMSQ	DF	F
				SINGLE TREATMENT					
1	1.050	9	.117	1.500	10	.150	2.550	19	.778
2	0.000	9	0.000	0.000	10	0.000	0.000	19	I
3	0.000	9	0.000	0.000	10	0.000	0.000	19	I
4	0.000	9	0.000	0.000	10	0.000	0.000	19	I
5	0.000	9	0.000	0.000	10	0.000	0.000	19	I
6	0.000	9	0.000	0.000	10	0.000	0.000	19	I
7	0.000	9	0.000	0.000	10	0.000	0.000	19	I
8	1.050	9	.117	1.500	10	.150	2.550	19	.778
				MULTIPLE TREATMENT					
1	1.050	9	.117	1.500	10	.150	2.550	19	.778
2	0.000	9	0.000	0.000	10	0.000	0.000	19	I
3	0.000	9	0.000	0.000	10	0.000	0.000	19	I
4	0.000	9	0.000	0.000	10	0.000	0.000	19	I
5	0.000	9	0.000	0.000	10	0.000	0.000	19	I
6	0.000	9	0.000	0.000	10	0.000	0.000	19	I
7	0.000	9	0.000	0.000	10	0.000	0.000	19	I

CONTROL GROUP ANOVA FOR THE NUMBER OF IMPLANTATIONS PER PREGNANT FEMALE

	BETWEEN MALES			WITHIN MALES			TOTAL		
WEEK	SUMSQ	DF	MEANSQ	SUMSQ	DF	MEANSQ	SUMSQ	DF	F
				SINGLE TREATMENT					
1	96.942	9	10.771	67.500	7	9.643	164.442	16	1.117
2	19.800	9	2.200	25.000	10	2.500	44.800	19	.880
3	68.200	9	7.578	97.000	10	9.700	165.200	19	.781
4	31.200	9	3.467	27.000	10	2.700	58.200	19	1.284
5	12.050	9	1.339	68.500	10	6.850	80.550	19	.195
6	34.800	9	3.867	11.000	10	1.100	45.800	19	3.515
7	31.800	9	3.533	26.000	10	2.600	57.800	19	1.359
8	51.382	9	5.709	80.500	7	11.500	131.882	16	.496
				MULTIPLE TREATMENT					
1	96.942	9	10.771	67.500	7	9.643	164.442	16	1.117
2	19.800	9	2.200	25.000	10	2.500	44.800	19	.880
3	68.200	9	7.578	97.000	10	9.700	165.200	19	.781
4	31.200	9	3.467	27.000	10	2.700	58.200	19	1.284
5	12.050	9	1.339	68.500	10	6.850	80.550	19	.195
6	34.800	9	3.867	11.000	10	1.100	45.800	19	3.515
7	31.800	9	3.533	26.000	10	2.600	57.800	19	1.359

CONTROL GROUP ANOVA FOR THE PRE-IMPLANTATION LOSS PER PREGNANT FEMALE

	BETWEEN MALES			WITHIN MALES			TOTAL		
WEEK	SUMSQ	DF	MEANSQ	SUMSQ	DF	MEANSQ	SUMSQ	DF	F
				SINGLE TREATMENT					
1	55.062	9	6.118	83.500	7	11.929	138.562	16	.513
2	8.450	9	.939	12.500	10	1.250	20.950	19	.751
3	38.200	9	4.244	52.000	10	5.200	90.200	19	.816
4	34.050	9	3.783	14.500	10	1.450	48.550	19	2.609
5	6.200	9	.689	16.000	10	1.600	22.200	19	.431
6	6.250	9	.694	11.500	10	1.150	17.750	19	.604
7	6.450	9	.717	10.500	10	1.050	16.950	19	.683
8	60.782	9	6.754	62.500	7	8.929	123.282	16	.756
				MULTIPLE TREATMENT					
1	55.062	9	6.118	83.500	7	11.929	138.562	16	.513
2	8.450	9	.939	12.500	10	1.250	20.950	19	.751
3	38.200	9	4.244	52.000	10	5.200	90.200	19	.816
4	34.050	9	3.783	14.500	10	1.450	48.550	19	2.609
5	6.200	9	.689	16.000	10	1.600	22.200	19	.431
6	6.250	9	.694	11.500	10	1.150	17.750	19	.604
7	6.450	9	.717	10.500	10	1.050	16.950	19	.683

CONTROL GROUP ANOVA FOR THE NUMBER OF DEAD IMPLANTS PER PREGNANT FEMALE

	BETWEEN MALES			WITHIN MALES			TOTAL		
WEEK	SUMSQ	DF	MEANSQ	SUMSQ	DF	MEANSQ	SUMSQ	DF	F
				SINGLE TREATMENT					
1	3.743	9	.416	2.500	7	.357	6.243	16	1.164
2	3.050	9	.339	11.500	10	1.150	14.550	19	.295
3	8.050	9	.894	6.500	10	.650	14.550	19	1.376
4	4.000	9	.444	3.000	10	.300	7.000	19	1.481
5	41.250	9	4.583	64.500	10	6.450	105.750	19	.711
6	11.450	9	1.272	9.500	10	.950	20.950	19	1.339
7	4.200	9	.467	15.000	10	1.500	19.200	19	.311
8	8.642	9	.960	12.500	7	1.786	21.142	16	.538
				MULTIPLE TREATMENT					
1	3.743	9	.416	2.500	7	.357	6.243	16	1.164
2	3.050	9	.339	11.500	10	1.150	14.550	19	.295
3	8.050	9	.894	6.500	10	.650	14.550	19	1.376
4	4.000	9	.444	3.000	10	.300	7.000	19	1.481
5	41.250	9	4.583	64.500	10	6.450	105.750	19	.711
6	11.450	9	1.272	9.500	10	.950	20.950	19	1.339
7	4.200	9	.467	15.000	10	1.500	19.200	19	.311

CONTROL GROUP ANOVA FOR THE RATIO OF DEAD IMPLANTS TO TOTAL IMPLANTS PER PREGNANT FEMALE

	BETWEEN MALES			WITHIN MALES			TOTAL		
WEEK	SUMSQ	DF	MEANSQ	SUMSQ	DF	MEANSQ	SUMSQ	DF	F
				SINGLE TREATMENT					
1	.029	9	.003	.028	7	.004	.057	16	.819
2	.022	9	.002	.078	10	.008	.099	19	.311
3	.541	9	.060	.397	10	.040	.937	19	1.515
4	.025	9	.003	.019	10	.002	.044	19	1.479
5	.241	9	.027	.369	10	.037	.610	19	.725
6	.056	9	.006	.050	10	.005	.106	19	1.233
7	.021	9	.002	.079	10	.008	.100	19	.290
8	.150	9	.017	.213	7	.030	.363	16	.547
				MULTIPLE TREATMENT					
1	.029	9	.003	.028	7	.004	.057	16	.819
2	.022	9	.002	.078	10	.008	.099	19	.311
3	.541	9	.060	.397	10	.040	.937	19	1.515
4	.025	9	.003	.019	10	.002	.044	19	1.479
5	.241	9	.027	.369	10	.037	.610	19	.725
6	.056	9	.006	.050	10	.005	.106	19	1.233
7	.021	9	.002	.079	10	.008	.100	19	.290

T-TEST OF THE NUMBER OF CORPORA LUTEA IN PREGNANT FEMALES.

WEEK	CONTROL			71-13 .03 G/KG					71-13 2.5 G/KG					71-13 5.0 G/KG					TEM .2 MG/KG				
	N PRG	MEAN	STD DEV	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T	N PRG	MEAN	STD DEV	DF	T
											SINGLE TREATMENT												
1	17	12.18	1.67	13	12.08	1.93	28	.151	15	12.47	1.55	30	.507	16	11.28	3.01	33	1.065	14	12.71	1.82	29	.999
2	20	12.95	1.43	18	12.22	1.80	36	1.386	19	12.68	1.25	37	.616	20	13.05	1.64	38	.206	18	13.00	2.50	36	.077
3	20	13.10	2.86	18	12.61	3.76	36	.454	17	13.29	1.96	35	.236	20	12.90	1.12	38	.291	20	12.90	1.33	38	.293
4	20	13.35	1.31	19	13.42	1.57	37	.154	20	13.45	1.43	38	.231	20	13.30	2.20	38	.087	20	11.25	1.89	38	4.058
5	20	13.05	1.70	19	13.11	1.41	37	.110	20	12.90	1.41	38	.304	20	13.10	1.55	38	.097	20	12.85	1.42	38	.806
6	20	13.85	1.50	16	13.75	1.88	34	.178	17	14.29	2.34	35	.698	20	14.45	2.01	38	1.070	20	14.85	1.76	38	1.939
7	20	13.65	1.69	19	13.58	1.50	37	.138	19	13.42	1.43	37	.455	20	14.15	1.73	38	.925	20	13.05	1.39	38	1.223
8	17	13.12	1.22	16	13.87	1.09	31	1.879	20	13.30	1.98	35	.330	20	14.10	2.07	35	1.715	20	14.10	1.29	35	2.363
											MULTIPLE TREATMENT												
1	17	12.18	1.67	15	12.27	1.67	30	.153	16	12.62	1.54	31	.800	16	13.00	2.03	31	1.276					
2	20	12.95	1.43	20	14.50	1.47	38	3.379	16	12.75	1.24	34	.442	16	13.44	1.86	34	.889					
3	20	13.10	2.86	20	13.10	1.25	38	0.000	16	13.00	1.63	34	.124	18	13.33	2.68	36	.259					
4	20	13.35	1.31	20	12.75	3.35	38	.745	16	13.44	1.63	34	.179	20	13.20	1.51	38	.336					
5	20	13.05	1.70	20	13.95	1.50	38	1.773	14	13.21	1.97	32	.260	19	12.79	1.44	37	.515					
6	20	13.85	1.50	20	13.65	1.31	38	.450	16	13.81	1.68	34	.071	19	12.89	1.33	37	2.164					
7	20	13.65	1.69	20	13.65	2.08	38	0.000	16	13.25	1.73	34	.697	20	13.30	1.30	38	.733					