Study of mutagenic effects of **Saccharin (Insoluble)**

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Compound Report No. 4

STUDY OF MUTAGENIC EFFECTS OF SACCHARIN (INSOLUBLE) FDA No. 71-4

Prepared for:

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

Contract No. FDA 71-267

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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 saccharin (insoluble) FDA No. 71-4.

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 were 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

Saccharin (71-4) did not produce any measurable 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

Compound 71-4 exhibits no adverse effect on metaphase chromosomes from rat bone marrow at any of the dose levels or time periods tested.

The maximal dose (1,000 μg/ml) used in *in vitro* tests caused an order of magnitude reduction in the number of cells in anaphase as well as a positive adverse effect on these cells. In interpreting the positive effect the reduced number of anaphases available for scoring should be considered.

### Dominant Lethal Gene Test

No consistent responses occurred to suggest that saccharin (insoluble) 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 second 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. Saccharin (insoluble) 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 saccharin (71-4). 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. 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

With the exception of the intermediate level dose at 6 hour sacrifice, it is evident from the data in Table 5 that Compound 71-4 exerts no mutagenic influence on bone marrow metaphases at any of the dose levels or time periods tested. At 2,500 mg/kg a slight positive response was exhibited. The absence of any trends toward increased or decreased aberrations with increased dose level during this period period, however, seems to indicate only borderline significance for this increased percentage of aberrant cells.

Table 6 reveals a positive response at the maximal dose level used in *in vitro* tests. While previous cytotoxicity tests revealed no adverse effect on WI-38 cells at this level (1,000 μg/ml), the number of anaphase cells available for scoring as compared to the other dose levels indicate

a definite inhibitory effect on mitoses at this concentration. While this is worthy of note, the positive response indicated should be reviewed with caution, as it is not possible to ascertain whether the positive effect noted is an actual response to the higher dose level or whether it is due to the greatly reduced number of cells available for scoring.

Dominant Lethal Gene Test

Single and multiple dose toxicity values are presented in Table 1. Ten g/kg of body weight of saccharin (insoluble) given orally as a suspension in Methocel caused neither deaths nor severe adverse effects; it did cause transient depression of the animals for a few hours following dosing. Multiple doses of 5 g/kg/day for five days, given orally as partial suspensions, caused no observable effects. Thus, the saccharin levels in these mutagenic assays were 30 mg/kg (low dose), 2.5 g/kg (mid-dose) and 5 g/kg (high dose). The preparations were given orally as partial suspension in Methocel.

In Table 7, summary data of the average implantations per pregnant female showed that saccharin (insoluble) had no effect on this parameter for either single- or multiple-dosed groups. This parameter was only minimally affected for the TEM-treated group, showing a significant drop in implants at the fourth week.

Dead implants per pregnant female are summarized in Table 8. As would be expected for mutagen treated animals, the TEM group was markedly affected from the second through the fifth week. Variable responses unrelated to the compound treatment regimen occurred randomly. For example, the low dose group (30 mg/kg) at 7 weeks showed a significant increase in dead implants per pregnant female for males multiply treated with saccharin, but the middose (2.5 g/kg) and high dose (5 g/kg) groups at 6 weeks showed a significant decrease in dead implants per pregnant female for males multiple treated with saccharin. This parameter showed no statistical differences from the controls throughout the remainder of the study.

Similar types of scattered responses were obtained in statistical treatment of: dead implants per total implants (Table 9), corpora lutea per pregnant female (Table 10), and pre-implantation loss per pregnant femals (Table 11).

Careful review and statistical treatment of the data do not show saccharin (insoluble) to be a mutagen in the rat by the dominant lethal gene test.

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ORAL TOXICITY - RAT

Table 1

Compound: Saccharin (insoluble)
FDA NO: 71-4

| | |
|---|---|
| Single Dose $LD_{50}$[a] | > 10 g/kg |
| Multiple Dose Toxicity[b] | > 5 g/kg |

[a] Five male, Sprague-Dawley rats, weighing 200-250 g each, were fasted overnight and then given oral doses of the candidate compound prepared as a suspension in 1.5% Methocel.

[b] Five nonfasted Sprague-Dawley male rats, were intubated daily for five days with specified amounts of the candidate compound as a partial suspendion in 1.5% Methocel.

Table 2

HOST MEDIATED ASSAY
SUMMARY OF DATA

Compound No.: 71-4 (Saccharin-insoluble)

A. Acute

| Treatment | Organism | | | | | |
|---|---|---|---|---|---|---|
| | Salmonella | | | | Saccharomyces | |
| | G46 | | TA 1530 | | D-3 | |
| | MF | MFt/MFc | MF | MFt/MFc | RF | RFt/RFc |
| Maximum | $3.37 \times 10^{-8}$ | 0.84 | $1.64 \times 10^{-7}$ | 0.83 | $1.51 \times 10^{-4}$ | 0.82 |
| Intermediate | $1.96 \times 10^{-8}$ | 0.50 | $2.48 \times 10^{-7}$ | 1.26 | $1.51 \times 10^{-4}$ | 0.82 |
| Low Level | $2.03 \times 10^{-7}$ | 5.14 | $2.45 \times 10^{-7}$ | 1.24 | $1.95 \times 10^{-4}$ | 1.06 |
| Control (+) | $1.73 \times 10^{-6}$ | 43.80 | $4.19 \times 10^{-6}$ | 21.27 | $1.00 \times 10^{-3}$ | 5.43 |
| Control (-) | $3.95 \times 10^{-8}$ | 1.00 | $1.97 \times 10^{-7}$ | 1.00 | $1.84 \times 10^{-4}$ | 1.00 |

B. Subacute

| Treatment | Organism | | | | | |
|---|---|---|---|---|---|---|
| | Salmonella | | | | Saccharomyces | |
| | G46 | | TA 1530 | | D-3 | |
| | MF | MFt/MFc | MF | MFt/MFc | RF | RFt/RFc |
| Maximum | $3.33 \times 10^{-8}$ | 0.52 | $1.24 \times 10^{-8}$ | 0.20 | $1.42 \times 10^{-4}$ | 0.94 |
| Intermediate | $1.35 \times 10^{-8}$ | 0.21 | $9.79 \times 10^{-8}$ | 1.56 | $1.39 \times 10^{-4}$ | 0.92 |
| Low Level | $1.02 \times 10^{-8}$ | 0.16 | $1.09 \times 10^{-7}$ | 1.74 | $2.04 \times 10^{-4}$ | 1.35 |
| Control (-) | $6.38 \times 10^{-8}$ | 1.00 | $6.28 \times 10^{-8}$ | 1.00 | $1.51 \times 10^{-4}$ | 1.00 |

Table 5

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-4 (saccharin-insoluble)

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 | .127250000000ex 04 | .705000000000ex 09 | .180496453900ex-05 |
| 2 | .139916666666ex 04 | .825000000000ex 09 | .169595959595ex-05 |
| 3 | .677500000000ex 03 | .385000000000ex 09 | .175974025974ex-05 |
| 4 | .160250000000ex 04 | .965000000000ex 09 | .166062176165ex-05 |
| 5 | .173750000000ex 04 | .113500000000ex 10 | .153083700440ex-05 |
| 6 | .650000000000ex 03 | .245000000000ex 09 | .265306122448ex-05 |
| 7 | .159333333333ex 04 | .105000000000ex 10 | .151746031745ex-05 |
| 8 | .132666666666ex 04 | .111166666666ex 10 | .119340329835ex-05 |
| | | | .172700600011ex-05 |

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.: 71-4

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 | .158333333333ex 02 | .135000000000ex 10 | .117283950617ex-07 |
| 2 | .416666666666ex 02 | .328333333333ex 09 | .126903553299ex-06 |
| 3 | .750000000000ex 01 | .741666666665ex 09 | .101123595505ex-07 |
| 4 | .666666666665ex 01 | .110833333333ex 10 | .604229607251ex-08 |
| 5 | .633333333330ex 02 | .118000000000ex 10 | .536723163838ex-07 |
| 6 | .300000000000ex 02 | .668333333330ex 09 | .448877805488ex-07 |
| 7 | .216666666666ex 02 | .862500000000ex 09 | .251207729467ex-07 |
| 8 | .400000000000ex 02 | .107333333333ex 10 | .372670807454ex-07 |
| | | | .394668193255ex-07 |

B. Subacute

| Mouse No. | Ave. No. Mutant Colonies or Recombinants/ml | Ave. No. Colony Forming Units/ml | Mutation or Recombination Frequency |
|---|---|---|---|
| 1 | .175000000000ex 02 | .810000000000ex 09 | .216049382716ex-07 |
| 2 | .158333333333ex 02 | .370000000000ex 09 | .427927927927ex-07 |
| 3 | .476666666666ex 03 | .115833333333ex 10 | .411510791367ex-06 |
| 4 | .841666666665ex 02 | .726666666665ex 09 | .115825688073ex-06 |
| 5 | .116666666666ex 02 | .132000000000ex 10 | .883838383833ex-08 |
| 6 | .750000000000ex 01 | .118500000000ex 10 | .632911392405ex-08 |
| 7 | .416666666666ex 01 | .923333333330ex 09 | .451263537907ex-08 |
| 8 | .141666666666ex 02 | .109000000000ex 10 | .129969418959ex-07 |
| 9 | .583333333330ex 01 | .581666666665ex 09 | .100286532951ex-07 |
| 10 | .416666666666ex 01 | .106000000000ex 10 | .393081761005ex-08 |
| | | | .638370756445ex-07 |

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-4

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 | .916666666665ex 01 | .848333333330ex 09 | .108055009823ex-07 |
| 2 | .750000000000ex 01 | .635000000000ex 09 | .118110236220ex-07 |
| 3 | .750000000000ex 01 | .465000000000ex 09 | .161290322580ex-07 |
| 4 | .141666666666ex 02 | .746666666665ex 09 | .189732142856ex-07 |
| 5 | .125000000000ex 02 | .721666666665ex 09 | .173210161663ex-07 |
| 6 | .133333333333ex 02 | .690000000000ex 09 | .193236714975ex-07 |
| 7 | .116666666666ex 03 | .726666666665ex 09 | .160550458715ex-06 |
| 8 | .125000000000ex 02 | .851666666665ex 09 | .146771037182ex-07 |
| | | | .336988776555ex-07 |

B. Subacute

| Mouse No. | Ave. No. Mutant Colonies or Recombinants/ml | Ave. No. Colony Forming Units/ml | Mutation or Recombination Frequency |
|---|---|---|---|
| 1 | .163333333333ex 03 | .900000000000ex 09 | .181481481481ex-06 |
| 2 | .158333333333ex 02 | .691666666665ex 09 | .228915662650ex-07 |
| 3 | .166666666666ex 02 | .940000000000ex 09 | .177304964538ex-07 |
| 4 | .750000000000ex 01 | .926666666665ex 09 | .809352517987ex-08 |
| 5 | .241666666666ex 02 | .788333333330ex 09 | .306553911205ex-07 |
| 6 | .750000000000ex 01 | .117166666666ex 10 | .640113798012ex-08 |
| 7 | .833333333330ex 01 | .658333333330ex 09 | .126582278481ex-07 |
| 8 | .100000000000ex 02 | .663333333330ex 09 | .150753768844ex-07 |
| 9 | .416666666666ex 01 | .836666666665ex 09 | .498007968127ex-08 |
| | | | .333296980990ex-07 |

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-4

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 | .191666666666ex 02 | .945000000000ex 09 | .202821869487ex-07 |
| 2 | .100000000000ex 02 | .733333333330ex 09 | .136363636364ex-07 |
| 3 | .150000000000ex 02 | .713333333330ex 09 | .210280373832ex-07 |
| 4 | .150000000000ex 02 | .986666666665ex 09 | .152027027027ex-07 |
| 5 | .183333333333ex 02 | .965000000000ex 09 | .189982728842ex-07 |
| 6 | .200000000000ex 02 | .706666666665ex 09 | .283018867925ex-07 |
| | | | .195749083911ex-07 |

B. Subacute

| Mouse No. | Ave. No. Mutant Colonies or Recombinants/ml | Ave. No. Colony Forming Units/ml | Mutation or Recombination Frequency |
|---|---|---|---|
| 1 | .108333333333ex 02 | .641666666665ex 09 | .168831168831ex-07 |
| 2 | .158333333333ex 02 | .771666666665ex 09 | .205183585313ex-07 |
| 3 | .750000000000ex 01 | .568333333330ex 09 | .131964809384ex-07 |
| 4 | .200000000000ex 02 | .840000000000ex 09 | .238095238095ex-07 |
| 5 | .833333333330ex 01 | .114000000000ex 10 | .730994152043ex-08 |
| 6 | .750000000000ex 01 | .871666666665ex 09 | .860420650097ex-08 |
| 7 | .916666666665ex 01 | .963333333330ex 09 | .951557093427ex-08 |
| 8 | .500000000000ex 01 | .590000000000ex 09 | .847457627118ex-08 |
| | | | .135389719235ex-07 |

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-4

Organism: G-46

Treatment: Low

A. Acute

| Mouse No | Ave. No. Mutant Colonies or Recombinants/ml | Ave. No. Colony Forming Units/ml | Mutation or Recombination Frequency |
|---|---|---|---|
| 1 | .180833333333ex 03 | .500000000000ex 09 | .361666666666ex-06 |
| 2 | .152500000000ex 03 | .751666666665ex 09 | .202882483370ex-06 |
| 3 | .450000000000ex 02 | .100166666666ex 10 | .449251247923ex-07 |
| 4 | .349166666666ex 03 | .840000000000ex 09 | .415674603173ex-06 |
| 5 | .261666666666ex 03 | .127500000000ex 10 | .205228758169ex-06 |
| 6 | .675000000000ex 02 | .833333333330ex 09 | .810000000003ex-07 |
| 7 | .866666666665ex 02 | .796666666665ex 09 | .108786610878ex-06 |
| | | | .202880606718ex-06 |

B. Subacute

| Mouse No. | Ave. No. Mutant Colonies or Recombinants/ml | Ave. No. Colony Forming Units/ml | Mutation or Recombination Frequency |
|---|---|---|---|
| 1 | .583333333330ex 01 | .636666666665ex 09 | .916230366489ex-08 |
| 2 | .141666666666ex 02 | .107166666666ex 10 | .132192846034ex-07 |
| 3 | .916666666665ex 01 | .110833333333ex 10 | .827067669173ex-08 |
| 4 | .116666666666ex 02 | .923333333330ex 09 | .126353790613ex-07 |
| 5 | .833333333330ex 01 | .128166666666ex 10 | .650195058518ex-08 |
| 6 | .108333333333ex 02 | .613333333330ex 09 | .176630434783ex-07 |
| 7 | .333333333333ex 01 | .795000000000ex 09 | .419287211739ex-08 |
| | | | .102350728859ex-07 |

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-4

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 | .817500000000ex 03 | .355000000000ex 09 | .230281690140ex-05 |
| 2 | .979166666665ex 03 | .538333333330ex 09 | .181888544892ex-05 |
| 3 | .508333333330ex 03 | .461666666666ex 09 | .110108303248ex-05 |
| 4 | .216083333333ex 04 | .330000000000ex 09 | .654797979796ex-05 |
| 5 | .470000000000ex 03 | .350000000000ex 09 | .134285714285ex-05 |
| 6 | .106250000000ex 04 | .216666666666ex 09 | .490384615386ex-05 |
| 7 | .446250000000ex 04 | .283333333333ex 09 | .157500000000ex-04 |
| 8 | .530000000000ex 03 | .368333333333ex 09 | .143891402715ex-05 |
| 9 | .578333333330ex 03 | .233333333333ex 09 | .247857142856ex-05 |
| | | | .418721710365ex-05 |

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.: 71-4

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 | .783333333330ex 02 | .765000000000ex 09 | .102396514160ex-06 |
| 2 | .120000000000ex 03 | .558333333330ex 09 | .214925373135ex-06 |
| 3 | .483333333333ex 02 | .553333333330ex 09 | .873493975908ex-07 |
| 4 | .148333333333ex 03 | .893333333330ex 09 | .166044776119ex-06 |
| 5 | .115833333333ex 03 | .508366666665ex 09 | .228618421052ex-06 |
| 6 | .196666666666ex 03 | .876666666665ex 09 | .224334600760ex-06 |
| 7 | .277500000000ex 03 | .915000000000ex 09 | .303278688524ex-06 |
| 8 | .173333333333ex 03 | .703333333330ex 09 | .246445497631ex-06 |
| | | | .196674158620ex-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 | .701666666665ex 09 | .285035629454ex-07 |
| 2 | .291666666666ex 02 | .856666666665ex 09 | .340466926069ex-07 |
| 3 | .358333333333ex 02 | .568333333330ex 09 | .630498533727ex-07 |
| 4 | .666666666665ex 01 | .455000000000ex 09 | .146520146519ex-07 |
| 5 | .224166666666ex 03 | .785000000000ex 09 | .285562632695ex-06 |
| 6 | .225000000000ex 02 | .695000000000ex 09 | .323741007194ex-07 |
| 7 | .191666666666ex 02 | .466666666666ex 09 | .410714285713ex-07 |
| 8 | .333333333333ex 01 | .100000000000ex 10 | .333333333333ex-08 |
| | | | .628242023617ex-07 |

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-4

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 | .591666666665ex 02 | .280000000000ex 09 | .211309523808ex-06 |
| 2 | .841666666665ex 02 | .365000000000ex 09 | .230593607305ex-06 |
| 3 | .112500000000ex 03 | .561666666665ex 09 | .200296735905ex-06 |
| 4 | .142500000000ex 03 | .921666666665ex 09 | .154611211573ex-06 |
| 5 | .158333333333ex 02 | .756666666665ex 09 | .209251101321ex-07 |
| | | | .163547237744ex-06 |

B. Subacute

| Mouse No. | Ave. No. Mutant Colonies or Recombinants/ml | Ave. No. Colony Forming Units/ml | Mutation or Recombination Frequency |
|---|---|---|---|
| 1 | .250000000000ex 01 | .445000000000ex 09 | .561797752808ex-08 |
| 2 | .133333333333ex 02 | .341666666666ex 09 | .390243902438ex-07 |
| 3 | .500000000000ex 01 | .241666666666ex 09 | .206896551724ex-07 |
| 4 | .250000000000ex 01 | .391666666666ex 09 | .638297872341ex-08 |
| 5 | .250000000000ex 01 | .393333333333ex 09 | .635593220339ex-08 |
| 6 | .125000000000ex 02 | .688333333330ex 09 | .181598062954ex-07 |
| 7 | .333333333333ex 01 | .566666666665ex 09 | .588235294118ex-08 |
| 8 | .333333333333ex 01 | .618333333330ex 09 | .539083557953ex-08 |
| 9 | .166666666666ex 01 | .446666666666ex 09 | .373134328357ex-08 |
| | | | .123594746632ex-07 |

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-4

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 | .130833333333ex 03 | .353333333333ex 09 | .370283018867ex-06 |
| 2 | .900000000000ex 02 | .696666666665ex 09 | .129186602871ex-06 |
| 3 | .258333333333ex 03 | .443333333333ex 09 | .582706766916ex-06 |
| 4 | .566666666665ex 02 | .119333333333ex 10 | .474860335195ex-07 |
| 5 | .416666666666ex 02 | .421666666666ex 09 | .988142292490ex-07 |
| 6 | .650000000000ex 02 | .205000000000ex 09 | .317073170731ex-06 |
| 7 | .126666666666ex 03 | .670000000000ex 09 | .189054726367ex-06 |
| | | | .247800649784ex-06 |

B. Subacute

| Mouse No. | Ave. No. Mutant Colonies or Recombinants/ml | Ave. No. Colony Forming Units/ml | Mutation or Recombination Frequency |
|---|---|---|---|
| 1 | .941666666665ex 02 | .645000000000ex 09 | .145994832041ex-06 |
| 2 | .110833333333ex 03 | .308333333333ex 09 | .359459459458ex-06 |
| 3 | .133333333333ex 02 | .540000000000ex 09 | .246913580246ex-07 |
| 4 | .916666666665ex 01 | .608333333330ex 09 | .150684931507ex-07 |
| 5 | .291666666666ex 02 | .606666666665ex 09 | .480769230769ex-07 |
| 6 | .400000000000ex 02 | .848333333330ex 09 | .471512770139ex-07 |
| 7 | .266666666666ex 02 | .591666666665ex 09 | .450704225352ex-07 |
| | | | .979303950424ex-07 |

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-4

Organism: TA-1530

Treatment: Low

A. Acute

| Mouse No. | Ave. No. Mutant Colonies or Recombinants/ml | Ave. No. Colony Forming Units/ml | Mutation or Recombination Frequency |
|---|---|---|---|
| 1 | .558333333330ex 02 | .168333333333ex 09 | .331683168315ex-06 |
| 2 | .151666666666ex 03 | .551666666665ex 09 | .274924471298ex-06 |
| 3 | .149166666666ex 03 | .828333333330ex 09 | .180080482897ex-06 |
| 4 | .199166666666ex 03 | .360000000000ex 09 | .553240740738ex-06 |
| 5 | .625000000000ex 02 | .655000000000ex 09 | .954198473282ex-07 |
| 6 | .958333333330ex 02 | .458333333333ex 09 | .209090909090ex-06 |
| 7 | .183333333333ex 02 | .256333333333ex 09 | .709677419354ex-07 |
| | | | .245058194511ex-06 |

B. Subacute

| Mouse No. | Ave. No. Mutant Colonies or Recombinants/ml | Ave. No. Colony Forming Units/ml | Mutation or Recombination Frequency |
|---|---|---|---|
| 1 | .141666666666ex 02 | .851666666665ex 09 | .166340508805ex-07 |
| 2 | .741666666665ex 02 | .520000000000ex 09 | .142628205127ex-06 |
| 3 | .541666666665ex 02 | .655000000000ex 09 | .826972010175ex-07 |
| 4 | .766666666665ex 02 | .525000000000ex 09 | .146031746031ex-06 |
| 5 | .416666666666ex 02 | .536666666665ex 09 | .776397515529ex-07 |
| 6 | .750000000000ex 01 | .380000000000ex 09 | .197368421052ex-07 |
| 7 | .133333333333ex 03 | .668333333330ex 09 | .199501246883ex-06 |
| 8 | .783333333330ex 02 | .415000000000ex 09 | .188755020079ex-06 |
| | | | .109203007959ex-06 |

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-4

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 | .270000000000ex 05 | .326666666666ex 08 | .826530612246ex-03 |
| 2 | .335000000000ex 05 | .308333333333ex 08 | .108648648648ex-02 |
| 3 | .185000000000ex 05 | .205000000000ex 08 | .902439024390ex-03 |
| 4 | .285000000000ex 05 | .180000000000ex 08 | .158333333333ex-02 |
| 5 | .405000000000ex 05 | .470000000000ex 08 | .861702127659ex-03 |
| 6 | .375000000000ex 05 | .370000000000ex 08 | .101351351351ex-02 |
| 7 | .315000000000ex 05 | .355000000000ex 08 | .887323943661ex-03 |
| 8 | .370000000000ex 05 | .580000000000ex 08 | .637931034482ex-03 |
| 9 | .750000000000ex 04 | .617500000000ex 07 | .121457489878ex-02 |
| | | | .100153721939ex-02 |

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.: 71-4

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 | .400000000000ex 04 | .356666666666ex 08 | .112149532710ex-03 |
| 2 | .500000000000ex 04 | .271666666666ex 08 | .184049079755ex-03 |
| 3 | .250000000000ex 04 | .178333333333ex 08 | .140186915888ex-03 |
| 4 | .300000000000ex 04 | .122000000000ex 08 | .245901639344ex-03 |
| 5 | .300000000000ex 04 | .245000000000ex 08 | .122448979591ex-03 |
| 6 | .550000000000ex 04 | .170000000000ex 08 | .323529411764ex-03 |
| 7 | .600000000000ex 04 | .381666666666ex 08 | .157205240174ex-03 |
| | | | .183638685602ex-03 |

B. Subacute

| Mouse No. | Ave. No. Mutant Colonies or Recombinants/ml | Ave. No. Colony Forming Units/ml | Mutation or Recombination Frequency |
|---|---|---|---|
| 1 | .200000000000ex 04 | .161666666666ex 08 | .123711340206ex-03 |
| 2 | .250000000000ex 04 | .283333333333ex 08 | .882352941177ex-04 |
| 3 | .350000000000ex 04 | .171750000000ex 08 | .203784570596ex-03 |
| 4 | .450000000000ex 04 | .181666666666ex 08 | .247706422019ex-03 |
| 5 | .250000000000ex 04 | .238333333333ex 08 | .104895104895ex-03 |
| 6 | .450000000000ex 04 | .225000000000ex 08 | .200000000000ex-03 |
| 7 | .200000000000ex 04 | .132000000000ex 08 | .151515151515ex-03 |
| 8 | .150000000000ex 04 | .353333333333ex 08 | .424528301887ex-04 |
| 9 | .350000000000ex 04 | .311666666666ex 08 | .112299465240ex-03 |
| 10 | .450000000000ex 04 | .190000000000ex 08 | .236842105263ex-03 |
| | | | .151144228402ex-03 |

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-4

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 | .205000000000ex 08 | .121951219512ex-03 |
| 2 | .700000000000ex 04 | .229000000000ex 08 | .305676855895ex-03 |
| 3 | .250000000000ex 04 | .163333333333ex 08 | .153061224490ex-03 |
| 4 | .350000000000ex 04 | .238333333333ex 08 | .146853146853ex-03 |
| 5 | .300000000000ex 04 | .216666666666ex 08 | .138461538461ex-03 |
| 6 | .800000000000ex 04 | .416666666666ex 08 | .192000000000ex-03 |
| 7 | .400000000000ex 04 | .395000000000ex 08 | .101265822784ex-03 |
| 8 | .150000000000ex 04 | .325000000000ex 08 | .461538461538ex-04 |
| 9 | .400000000000ex 04 | .253333333333ex 08 | .157894736842ex-03 |
| 10 | .400000000000ex 04 | .270000000000ex 08 | .148148148148ex-03 |
| | | | .151146653912ex-03 |

B. Subacute

| Mouse No. | Ave. No. Mutant Colonies or Recombinants/ml | Ave. No. Colony Forming Units/ml | Mutation or Recombination Frequency |
|---|---|---|---|
| 1 | .650000000000ex 04 | .376666666666ex 08 | .172566371681ex-03 |
| 2 | .250000000000ex 04 | .810000000000ex 07 | .308641975308ex-03 |
| 3 | .200000000000ex 04 | .120750000000ex 08 | .165631469979ex-03 |
| 4 | .300000000000ex 04 | .248333333333ex 08 | .120805369127ex-03 |
| 5 | .200000000000ex 04 | .145000000000ex 08 | .137931034482ex-03 |
| 6 | .300000000000ex 04 | .498333333333ex 08 | .602006688963ex-04 |
| 7 | .500000000000ex 04 | .330000000000ex 08 | .151515151515ex-03 |
| 8 | .200000000000ex 04 | .226666666666ex 08 | .882352941179ex-04 |
| 9 | .200000000000ex 04 | .215250000000ex 08 | .929152148664ex-04 |
| 10 | .600000000000ex 04 | .506666666665ex 08 | .118421052631ex-03 |
| | | | .141686360258ex-03 |

Table 3 (continued)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-4

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 | .650000000000ex 04 | .518333333330ex 08 | .125401929261ex-03 |
| 2 | .400000000000ex 04 | .381666666666ex 08 | .104803493449ex-03 |
| 3 | .250000000000ex 04 | .215000000000ex 08 | .116279069767ex-03 |
| 4 | .350000000000ex 04 | .340000000000ex 08 | .102941176470ex-03 |
| 5 | .550000000000ex 04 | .326666666666ex 08 | .168367346939ex-03 |
| 6 | .550000000000ex 04 | .250000000000ex 08 | .220000000000ex-03 |
| 7 | .450000000000ex 04 | .188333333333ex 08 | .238938053097ex-03 |
| 8 | .400000000000ex 04 | .306666666666ex 08 | .130434782608ex-03 |
| | | | .150895731447ex-03 |

B. Subacute

| Mouse No. | Ave. No. Mutant Colonies or Recombinants/ml | Ave. No. Colony Forming Units/ml | Mutation or Recombination Frequency |
|---|---|---|---|
| 1 | .250000000000ex 04 | .278333333333ex 08 | .898203592815ex-04 |
| 2 | .500000000000ex 04 | .250000000000ex 08 | .200000000000ex-03 |
| 3 | .550000000000ex 04 | .306666666666ex 08 | .179347826087ex-03 |
| 4 | .250000000000ex 04 | .156666666666ex 08 | .159574468085ex-03 |
| 5 | .450000000000ex 04 | .413333333333ex 08 | .108870967742ex-03 |
| 6 | .600000000000ex 04 | .273333333333ex 08 | .219512195122ex-03 |
| 7 | .300000000000ex 04 | .470000000000ex 08 | .638297872340ex-04 |
| 8 | .250000000000ex 04 | .263333333333ex 08 | .949367088608ex-04 |
| | | | .139486539051ex-03 |

Table 3 (concluded)

HOST MEDIATED ASSAY
INDIVIDUAL MOUSE DATA

Compound No.: 71-4

Organism: D-3

Treatment: Low

A. Acute

| Mouse No. | Ave. No. Mutant Colonies or Recombinants/ml | Ave. No. Colony Forming Units/ml | Mutation or Recombination Frequency |
|---|---|---|---|
| 1 | .150000000000ex 04 | .220000000000ex 08 | .681818181818ex-04 |
| 2 | .500000000000ex 04 | .967500000000ex 07 | .516795865633ex-03 |
| 3 | .350000000000ex 04 | .216666666666ex 08 | .161538461538ex-03 |
| 4 | .450000000000ex 04 | .156250000000ex 08 | .288000000000ex-03 |
| 5 | .400000000000ex 04 | .176666666666ex 08 | .226415094340ex-03 |
| 6 | .250000000000ex 04 | .225000000000ex 08 | .111111111111ex-03 |
| 7 | .550000000000ex 04 | .403333333333ex 08 | .136363636363ex-03 |
| 8 | .550000000000ex 04 | .303333333333ex 08 | .181318681318ex-03 |
| 9 | .150000000000ex 04 | .245000000000ex 08 | .612244897959ex-04 |
| | | | .194549906473ex-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 | .147250000000ex 08 | .237691001697ex-03 |
| 2 | .450000000000ex 04 | .275000000000ex 08 | .163636363636ex-03 |
| 3 | .600000000000ex 04 | .158333333333ex 08 | .378947368421ex-03 |
| 4 | .350000000000ex 04 | .161666666666ex 08 | .216494845361ex-03 |
| 5 | .400000000000ex 04 | .246666666666ex 08 | .162162162162ex-03 |
| 6 | .400000000000ex 04 | .305000000000ex 08 | .131147540983ex-03 |
| 7 | .300000000000ex 04 | .121000000000ex 08 | .247933884297ex-03 |
| 8 | .150000000000ex 04 | .161666666666ex 08 | .927835051550ex-04 |
| | | | .203849583961ex-03 |

Table 4

HOST-MEDIATED ASSAY
IN VITRO MUTAGENICITY OF COMPOUND 71-4 (Saccharin-insoluble)

*Salmonella typhimurium* G-46

| 5% w/v 71-4 | EMS |
|---|---|
| negative | positive |

*Salmonella typhimurium* TA-1530

| 5% w/v 71-4 | EMS |
|---|---|
| negative | positive |

*Saccharomyces cerevisiae* D-3

| Compound | Concentration | Survival (%) | Recombinants/$10^5$ Survivors | RFt/RFc |
|---|---|---|---|---|
| 71-4 | 5% w/v | 130 | 2.70 | 0.46 |
| EMS | 1% w/v | 8 | 785.00 | 133.50 |
| Control (-) | -- | 100 | 5.88 | 1.00 |

Table 5

CYTOGENETIC ASSAY
METAPHASE SUMMARY SHEET BY TIME OF SACRIFICE
Compound 71-4
(Saccharin-insoluble)

| 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 (0.5 mg/kg) | 6 | 0.80 | 5 | 250 | 13.2 | 0 | 0 | 13.2 |
| Negative Control | 6 | 1.70 | 3 | 150 | 0 | 0 | 0 | 0 |
| 30 mg/kg | 6 | 1.90 | 5 | 250 | 3.2 | 0.4 | 0 | 3.6 |
| 2500 mg/kg | 6 | 2.10 | 5 | 236 | 5.5 | 0 | 0 | 5.5 |
| 5000 mg/kg | 6 | 3.00 | 5 | 250 | 1.2 | 0.4 | 0 | 1.6 |
| Negative Control | 24 | 1.80 | 3 | 146 | 2.7 | 0.7 | 0 | 3.4 |
| 30 mg/kg | 24 | 2.50 | 5 | 250 | 2.0 | 0.4 | 0 | 2.4 |
| 2500 mg/kg | 24 | 2.15 | 5 | 240 | 1.7 | 0 | 0 | 1.7 |
| 5000 mg/kg | 24 | 1.85 | 5 | 184 | 3.3 | 0 | 0 | 3.3 |
| Negative Control | 48 | 2.40 | 3 | 150 | 2.0 | 0 | 0 | 2.0 |
| 30 mg/kg | 48 | 2.65 | 5 | 250 | 2.0 | 0 | 0 | 2.0 |
| 2500 mg/kg | 48 | 2.30 | 5 | 248 | 2.8 | 0.4 | 0 | 3.2 |
| 5000 mg/kg | 48 | 2.05 | 5 | 250 | 1.2 | 0 | 0 | 1.2 |
| Negative Control | SA** | 1.55 | 3 | 116 | 3.4 | 0 | 0 | 3.4 |
| 30 mg/kg | SA | 1.55 | 5 | 235 | 1.7 | 0 | 0 | 1.7 |
| 2500 mg/kg | SA | 3.80 | 5 | 207 | 2.9 | 0.5 | 0 | 3.4 |
| 5000 mg/kg | SA | 2.40 | 5 | 214 | 1.4 | 0.5 | 0 | 1.9 |

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

Table 6

CYTOGENETIC ASSAY
ANAPHASE SUMMARY SHEET
Compound 71-4
(Saccharin-insoluble)

| 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 | 24 | 319 | 6.3 | 4.4 | 1.6 | 0.6 | 1.6 | 11.3 |
| 10 µg/ml | 24 | 300 | 3.3 | 5.7 | 0.3 | 0.3 | 1.7 | 8.0 |
| 100 µg/ml | 24 | 272 | 7.0 | 3.7 | 0.7 | 1.1 | 1.5 | 11.0 |
| 1,000 µg/ml | 24 | 23 | 21.7 | 4.3 | 4.3 | 0 | 8.7 | 21.7 |
| 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)

Table 7

AVERAGE IMPLANTATIONS PER PREGNANT FEMALE

Summary

Compound: Saccharin (insoluble)
FDA No: 71-4

| Week of Study | Control (10 ml/kg) | TEM (0.2 mg/kg) | 71-4 (30 mg/kg) | 71-4 (2.5 g/kg) | 71-4 (5 g/kg) |
|---|---|---|---|---|---|
| Acute-Single Dose | | | | | |
| 1 | 90/ 9=10.0 | 86/11= 7.8 | 166/15=11.1 | 255/20=12.8 | 231/18=12.8 |
| 2 | 176/20= 8.8 | 193/20= 9.7 | 217/19=11.4*I | 238/20=11.9**I | 181/17=10.6 |
| 3 | 199/18=11.1 | 166/17= 9.8 | 239/20=12.0 | 216/20=10.8 | 187/16=11.7 |
| 4 | 194/19=10.2 | 94/14= 6.7* | 200/18=11.1 | 242/20=12.1 | 186/17=10.9 |
| 5 | 163/16=10.2 | 199/17=11.7 | 175/16=10.9 | 189/17=11.1 | 183/18=10.2 |
| 6 | 151/12=12.6 | 238/20=11.9 | 224/20=11.2 | 204/17=12.0 | 225/19=11.8 |
| 7 | 176/17=10.4 | 197/18=10.9 | 206/19=10.8 | 196/16=12.3 | 201/17=11.8 |
| 8 | 240/20=12.0 | 248/20=12.4 | 233/19=12.3 | 245/20=12.3 | 228/19=12.0 |
| Subacute-Multiple Dose | | | | | |
| 1 | 134/11=12.2 | | 225/18=12.5 | 214/19=11.3 | 165/14=11.8 |
| 2 | 184/16=11.5 | | 151/13=11.6 | 212/20=10.6 | 178/16=11.1 |
| 3 | 171/15=11.4 | | 243/20=12.2 | 237/20=11.9 | 218/19=11.5 |
| 4 | 199/18=11.1 | | 198/17=11.6 | 228/19=12.0 | 209/17=12.3 |
| 5 | 165/14=11.8 | | 205/18=11.4 | 216/19=11.4 | 210/18=11.7 |
| 6 | 203/17=11.9 | | 185/17=10.9 | 207/19=10.9 | 236/20=11.8 |
| 7 | 224/19=11.8 | | 257/20=12.9 | 225/19=11.8 | 210/18=11.7 |

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

Table 8

AVERAGE DEAD IMPLANTS PER PREGNANT FEMALE

Summary

| Week of Study | Control (10 ml/kg) | TEM (0.2 mg/kg) | 71-4 (30 mg/kg) | Compound: FDA No: 71-4 (2.5 g/kg) | Saccharin (insoluble) 71-4 (5 g/kg) |
|---|---|---|---|---|---|
| Acute-Single Dose | | | | | |
| 1 | 5/9=0.56 | 31/11=2.82 | 9/15=0.60 | 15/20=0.75 | 17/18=0.94 |
| 2 | 9/20=0.45 | 125/20=6.25** | 14/19=0.74 | 12/20=0.60 | 8/17=0.47 |
| 3 | 8/18=0.44 | 109/17=6.41** | 14/20=0.70 | 7/20=0.35 | 6/16=0.38 |
| 4 | 15/19=0.79 | 50/14 =3.57** | 10/18=0.56 | 9/20=0.45 | 15/17=0.88 |
| 5 | 9/16=0.56 | 62/17=3.65** | 15/16=0.94 | 18/17= 1.06 | 14/18=0.78 |
| 6 | 11/12=0.92 | 14/20=0.70 | 17/20=0.85 | 8/17=0.47 | 36/19=1.89 |
| 7 | 11/17=0.65 | 9/18=0.50 | 11/19=0.58 | 7/16=0.44 | 15/17=0.88 |
| 8 | 14/20=0.70 | 9/20 =0.45 | 9/19=0.47 | 9/20=0.45 | 15/19=0.79 |
| Subacute-Multiple Dose | | | | | |
| 1 | 10/11=0.91 | | 24/18=1.33 | 12/19=0.63 | 22/14=1.57 |
| 2 | 10/16=0.63 | | 15/13=1.15 | 23/20=1.15 | 9/16=0.56 |
| 3 | 17/15=1.13 | | 22/20=1.10 | 11/20=0.55 | 7/19=0.37 |
| 4 | 16/18=0.89 | | 23/17=1.35 | 23/19=1.21 | 12/17=0.71 |
| 5 | 9/14=0.64 | | 18/18=1.00 | 17/19=0.89 | 6/18=0.33 |
| 6 | 26/17=1.53 | | 10/17=0.59 | 9/19=0.47*D | 10/20=0.50*D |
| 7 | 11/19=0.58 | | 28/20=1.40* | 11/19=0.58 | 10/18=0.56 |

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

Table 9

DEAD IMPLANTS/TOTAL IMPLANTS

Summary

Compound: Saccharin (insoluble)
FDA No: 71-4

| Week of Study | Control (10 ml/kg) | TEM (0.2 mg/kg) | 71-4 (30 mg/kg) | 71-4 (2.5 g/kg) | 71-4 (5 g/kg) |
|---|---|---|---|---|---|
| Acute-Single Dose | | | | | |
| 1 | 5/90 =0.06 | 31/86=0.36** | 9/166=0.05 | 15/255=0.06 | 17/231=0.07 |
| 2 | 9/176 =0.05 | 125/193=0.65** | 14/217=0.06 | 12/238=0.05 | 8/181=0.04 |
| 3 | 8/199 =0.04 | 109/166=0.66** | 14/239=0.06 | 7/216=0.03 | 6/187=0.03 |
| 4 | 15/194=0.08 | 50/94=0.53** | 10/200=0.05 | 9/242=0.04 | 15/186=0.08 |
| 5 | 9/163 =0.06 | 62/199=0.31* | 15/175=0.09 | 18/189=0.10 | 14/183=0.08 |
| 6 | 11/151=0.07 | 14/238=0.06 | 17/224=0.08 | 8/204=0.04 | 36/225=0.16 |
| 7 | 11/176=0.06 | 9/197=0.05 | 11/206=0.05 | 7/196=0.04 | 15/201=0.07 |
| 8 | 14/240=0.06 | 9/248=0.04 | 9/233=0.04 | 2/245=0.04 | 15/228=0.07 |
| Subacute-Multiple Dose | | | | | |
| 1 | 10/134=0.07 | | 24/225=0.11 | 12/214=0.06 | 22/165=0.13 |
| 2 | 10/184=0.05 | | 15/151=0.10 | 23/215=0.11 | 9/178=0.05 |
| 3 | 17/171=0.10 | | 12/243=0.09 | 11/237=0.05 | 7/218=0.03**D |
| 4 | 16/199=0.08 | | 23/198=0.12 | 23/228=0.10 | 12/209=0.06 |
| 5 | 9/135=0.05 | | 18/205=0.09 | 17/216=0.08 | 6/210=0.03 |
| 6 | 26/203=0.13 | | 10/185=0.05 | 9/207=0.04 | 10/236=0.04 |
| 7 | 11/224=0.05 | | 28/257=0.11 | 11/225=0.05 | 10/210=0.05 |

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

Table 10.

AVERAGE CORPOR LUTEA PER PREGNANT FEMALE

Summary

| Week of Study | Control (10 ml/kg) | TEM (0.2 mg/kg) | 71-4 (30 mg/kg) | Compound: FDA No: 71-4 (2.5 g/kg) | Saccharin (insoluble) 71-4 (5 g/kg) |
|---|---|---|---|---|---|
| Acute-Single Dose | | | | | |
| 1 | 123/9 =13.7 | 138/11=12.5 | 198/15=13.2 | 268/20=13.4 | 247/18=13.7 |
| 2 | 228/20=11.4 | 247/20=12.4 | 243/19=12.8*I | 247/20=12.4 | 208/17=12.2 |
| 3 | 216/18=12.0 | 196/17=11.5 | 252/20=12.6 | 240/20=12.0 | 189/16=11.8 |
| 4 | 244/19=12.8 | 161/14=11.5* | 234/18=13.0 | 273/20=13.7 | 212/17=12.5 |
| 5 | 198/16=12.4 | 228/17=13.4 | 206/16=12.9 | 210/17=12.4 | 230/18=12.8 |
| 6 | 163/12=13.6 | 249/20=12.5 | 244/20=12.2* | 215/17=12.6 | 252/19=13.3 |
| 7 | 213/17=12.5 | 234/18=13.0 | 241/19=12.7 | 207/16=12.9 | 220/17=12.9 |
| 8 | 271/20=13.6 | 264/20=13.2 | 253/19=13.3 | 259/20=13.0 | 248/19=13.1 |
| Subacute-Multiple Dose | | | | | |
| 1 | 141/11=12.8 | | 239/18=13.3 | 229/19=12.1 | 175/14=12.5 |
| 2 | 190/16=11.9 | | 156/13=12.0 | 247/20=12.4 | 197/16=12.3 |
| 3 | 189/15=12.6 | | 261/20=13.1 | 273/20=13.7 | 235/19=12.4 |
| 4 | 217/18=12.1 | | 221/17=13.0 | 245/19=12.9 | 220/17=12.9 |
| 5 | 183/14=13.1 | | 225/18=12.5 | 234/19=12.3 | 232/18=12.9 |
| 6 | 245/17=14.4 | | 211/17=12.4* | 238/19=12.5* | 264/20=13.2 |
| 7 | 251/19=13.2 | | 262/20=13.1 | 244/19=12.8 | 232/18=12.9 |

* Significant at $P < 0.05$

I Increase above control

Table 11

AVERAGE PREIMPLANTATION LOSS PER PREGNANT FEMALS

Summary

| | | | | Compound: FDA No: | Saccharin (insoluble) 71-4 |
|---|---|---|---|---|---|
| Week of Study | Control (10 ml/kg) | TEM (0.2 mg/kg) | 71-4 (30 mg/kg) | 71-4 (2.5 g/kg) | 71-4 (5 g/kg) |
| Acute-Single Dose | | | | | |
| 1 | 33/9 =3.67 | 52/11=4.73 | 32/15=2.13 | 13/20=0.65 | 16/18=0.89 |
| 2 | 52/20=2.60 | 54/20=2.70 | 26/19=1.37 | 9/20=0.45**D | 27/17=1.59 |
| 3 | 17/18=0.94 | 30/17=1.76 | 13/20=0.65 | 24/20=1.20 | 2/16=0.13*D |
| 4 | 50/19=2.63 | 67/14=4.79 | 34/18=1.89 | 31/20=1.55 | 26/17=1.53 |
| 5 | 35/16=2.19 | 29/17=1.71 | 31/16=1.94 | 21/17=1.24 | 47/18=2.61 |
| 6 | 12/12=1.00 | 11/20=0.55 | 20/20=1.00 | 11/17=0.65 | 27/19=1.42 |
| 7 | 37/17=2.18 | 37/18=2.06 | 35/19=1.84 | 11/16=0.69 | 19/17=1.12 |
| 8 | 31/20=1.55 | 16/20=0.80 | 20/19=1.06 | 14/20=0.70 | 20/19=1.05 |
| Subacute-Multiple Dose | | | | | |
| 1 | 7/11 =0.64 | | 14/18=0.78 | 15/19=0.79 | 10/14=0.71 |
| 2 | 6/16 =0.38 | | 5/13=0.38 | 35/20=1.75 | 19/16=1.19 |
| 3 | 18/15=1.20 | | 18/20=0.90 | 36/20=1.80 | 17/19=0.89 |
| 4 | 18/18=1.00 | | 23/17=1.35 | 17/19=0.89 | 11/17=0.65 |
| 5 | 18/14=1.29 | | 20/18=1.11 | 18/19=0.95 | 22/18=1.22 |
| 6 | 42/17=2.47 | | 26/17=1.53 | 31/19=1.63 | 28/20=1.40 |
| 7 | 27/19=1.42 | | 5/20=0.25**D | 19/19=1.00 | 22/18=1.22 |

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

August 1972

Compound Report No. 4 (Statistical Addendum--Dominant Lethal Gene Data)

STUDY OF MUTAGENIC EFFECTS OF SACCHARIN (INSOLUBLE) FDA No. 71-4

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 Saccharin, 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., Saccharin is not a mutagenic substance by the dominant lethal gene test.

DOMINANT LETHAL GENE-RAT

Table 7

AVERAGE IMPLANTATIONS PER PREGNANT FEMALE

Summary

Compound: Saccharin (insoluble)
FDA No: 71-4

| Week of Study | Control (10 ml/kg) | TEM (0.2 mg/kg) | 71-4 (30 mg/kg) | 71-4 (2.5 g/kg) | 71-4 (5 g/kg) |
|---|---|---|---|---|---|
| Acute-Single Dose | | | | | |
| 1 | 90/ 9=10.0 | 86/11= 7.8 | 166/15=11.1 | 255/20=12.8*I | 231/18=12.8*I |
| 2 | 176/20= 8.8 | 193/20= 9.7 | 217/19=11.4*I | 238/20=11.9**I | 181/17=10.6 |
| 3 | 199/18=11.1 | 166/17= 9.8 | 239/20=12.0 | 216/20=10.8 | 187/16=11.7 |
| 4 | 194/19=10.2 | 94/14= 6.7* | 200/18=11.1 | 242/20=12.1 | 186/17=10.9 |
| 5 | 163/16=10.2 | 199/17=11.7 | 175/16=10.9 | 189/17=11.1 | 183/18=10.2 |
| 6 | 151/12=12.6 | 238/20=11.9 | 224/20=11.2 | 204/17=12.0 | 225/19=11.8 |
| 7 | 176/17=10.4 | 197/18=10.9 | 206/19=10.8 | 196/16=12.3 | 201/17=11.8 |
| 8 | 240/20=12.0 | 248/20=12.4 | 233/19=12.3 | 245/20=12.3 | 228/19=12.0 |
| Subacute-Multiple Dose | | | | | |
| 1 | 134/11=12.2 | | 225/18=12.5 | 214/19=11.3 | 165/14=11.8 |
| 2 | 184/16=11.5 | | 151/13=11.6 | 212/20=10.6 | 178/16=11.1 |
| 3 | 171/15=11.4 | | 243/20=12.2 | 237/20=11.9 | 218/19=11.5 |
| 4 | 199/18=11.1 | | 198/17=11.6 | 228/19=12.0 | 209/17=12.3 |
| 5 | 165/14=11.8 | | 205/18=11.4 | 216/19=11.4 | 210/18=11.7 |
| 6 | 203/17=11.9 | | 185/17=10.9 | 207/19=10.9 | 236/20=11.8 |
| 7 | 224/19=11.8 | | 257/20=12.9*I | 225/19=11.8 | 210/18=11.7 |

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

Table 8

AVERAGE DEAD IMPLANTS PER PREGNANT FEMALE

Summary

| Week of Study | Control (10 ml/kg) | TEM (0.2 mg/kg) | 71-4 (30 mg/kg) | 71-4 (2.5 g/kg) | Saccharin (insoluble) 71-4 (5 g/kg) |
|---|---|---|---|---|---|
| | | | | Compound: FDA No: | |
| **Acute-Single Dose** | | | | | |
| 1 | 5/9=0.56 | 31/11=2.82* | 9/15=0.60 | 15/20=0.75 | 17/18=0.94 |
| 2 | 9/20=0.45 | 125/20=6.25** | 14/19=0.74 | 12/20=0.60 | 8/17=0.47 |
| 3 | 8/18=0.44 | 109/17=6.41** | 14/20=0.70 | 7/20=0.35 | 6/16=0.38 |
| 4 | 15/19=0.79 | 50/14 =3.57** | 10/18=0.56 | 9/20=0.45 | 15/17=0.88 |
| 5 | 9/16=0.56 | 62/17=3.65** | 15/16=0.94 | 18/17=1.06 | 14/18=0.78 |
| 6 | 11/12=0.92 | 14/20=0.70 | 17/20=0.85 | 8/17=0.47 | 36/19=1.89 |
| 7 | 11/17=0.65 | 9/18=0.50 | 11/19=0.58 | 7/16=0.44 | 15/17=0.88 |
| 8 | 14/20=0.70 | 9/20 =0.45 | 9/19=0.47 | 9/20=0.45 | 15/19=0.79 |
| **Subacute-Multiple Dose** | | | | | |
| 1 | 10/11=0.91 | | 24/18=1.33 | 12/19=0.63 | 22/14=1.57 |
| 2 | 10/16=0.63 | | 15/13=1.15 | 23/20=1.15 | 9/16=0.56 |
| 3 | 17/15=1.13 | | 22/20=1.10 | 11/20=0.55 *D | 7/19=0.37 *D |
| 4 | 16/18=0.89 | | 23/17=1.35 | 23/19=1.21 | 12/17=0.71 |
| 5 | 9/14=0.64 | | 18/18=1.00 | 17/19=0.89 | 6/18=0.33 |
| 6 | 26/17=1.53 | | 10/17=0.59 | 9/19=0.47 | 10/20=0.50 |
| 7 | 11/19=0.58 | | 28/20=1.40* | 11/19=0.58 | 10/18=0.56 |

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

Table 9

DEAD IMPLANTS/TOTAL IMPLANTS

Summary

Compound: Saccharin (insoluble)
FDA No: 71-4

| Week of Study | Control (10 ml/kg) | TEM (0.2 mg/kg) | 71-4 (30 mg/kg) | 71-4 (2.5 g/kg) | 71-4 (5 g/kg) |
|---|---|---|---|---|---|
| Acute-Single Dose | | | | | |
| 1 | 5/90 =0.06 | 31/86=0.36** | 9/166=0.05 | 15/255=0.06 | 17/231=0.07 |
| 2 | 9/176 =0.05 | 125/193=0.65** | 14/217=0.06 | 12/238=0.05 | 8/181=0.04 |
| 3 | 8/199 =0.04 | 109/166=0.66** | 14/239=0.06 | 7/216=0.03 | 6/187=0.03 |
| 4 | 15/194=0.08 | 50/94=0.53** | 10/200=0.05 | 9/242=0.04 | 15/186=0.08 |
| 5 | 9/163 =0.06 | 62/199=0.31* | 15/175=0.09 | 18/189=0.10 | 14/183=0.08 |
| 6 | 11/151=0.07 | 14/238=0.06 | 17/224=0.08 | 8/204=0.04 | 36/225=0.16 |
| 7 | 11/176=0.06 | 9/197=0.05 | 11/206=0.05 | 7/196=0.04 | 15/201=0.07 |
| 8 | 14/240=0.06 | 9/248=0.04 | 9/233=0.04 | 2/245=0.04 | 15/228=0.07 |
| Subacute-Multiple Dose | | | | | |
| 1 | 10/134=0.07 | | 24/225=0.11 | 12/214=0.06 | 22/165=0.13 |
| 2 | 10/184=0.05 | | 15/151=0.10 | 23/215=0.11 | 9/178=0.05 |
| 3 | 17/171=0.10 | | 12/243=0.09 | 11/237=0.05 *D | 7/218=0.03**D |
| 4 | 16/199=0.08 | | 23/198=0.12 | 23/228=0.10 | 12/209=0.06 |
| 5 | 9/135=0.05 | | 18/205=0.09 | 17/216=0.08 | 6/210=0.03 |
| 6 | 26/203=0.13 | | 10/185=0.05 | 9/207=0.04 | 10/236=0.04 |
| 7 | 11/224=0.05 | | 28/257=0.11 | 11/225=0.05 | 10/210=0.05 |

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

Table 10

AVERAGE CORPOR LUTEA PER PREGNANT FEMALE

Summary

| | | | | Compound: FDA No: | Saccharin (insoluble) 71-4 |
|---|---|---|---|---|---|
| Week of Study | Control (10 ml/kg) | TEM (0.2 mg/kg) | 71-4 (30 mg/kg) | 71-4 (2.5 g/kg) | 71-4 (5 g/kg) |
| Acute-Single Dose | | | | | |
| 1 | 123/9 =13.7 | 138/11=12.5 | 198/15=13.2 | 268/20=13.4 | 247/18=13.7 |
| 2 | 228/20=11.4 | 247/20=12.4 | 243/19=12.8*I | 247/20=12.4 | 208/17=12.2 |
| 3 | 216/18=12.0 | 196/17=11.5 | 252/20=12.6 | 240/20=12.0 | 189/16=11.8 |
| 4 | 244/19=12.8 | 161/14=11.5* | 234/18=13.0 | 273/20=13.7 | 212/17=12.5 |
| 5 | 198/16=12.4 | 228/17=13.4 | 206/16=12.9 | 210/17=12.4 | 230/18=12.8 |
| 6 | 163/12=13.6 | 249/20=12.5 | 244/20=12.2* | 215/17=12.6 | 252/19=13.3 |
| 7 | 213/17=12.5 | 234/18=13.0 | 241/19=12.7 | 207/16=12.9 | 220/17=12.9 |
| 8 | 271/20=13.6 | 264/20=13.2 | 253/19=13.3 | 259/20=13.0 | 248/19=13.1 |
| Subacute-Multiple Dose | | | | | |
| 1 | 141/11=12.8 | | 239/18=13.3 | 229/19=12.1 | 175/14=12.5 |
| 2 | 190/16=11.9 | | 156/13=12.0 | 247/20=12.4 | 197/16=12.3 |
| 3 | 189/15=12.6 | | 261/20=13.1 | 273/20=13.7 | 235/19=12.4 |
| 4 | 217/18=12.1 | | 221/17=13.0 | 245/19=12.9 | 220/17=12.9 |
| 5 | 183/14=13.1 | | 225/18=12.5 | 234/19=12.3 | 232/18=12.9 |
| 6 | 245/17=14.4 | | 211/17=12.4* | 238/19=12.5* | 264/20=13.2 |
| 7 | 251/19=13.2 | | 262/20=13.1 | 244/19=12.8 | 232/18=12.9 |

* Significant at $P < 0.05$

I Increase above control

Table 11

AVERAGE PREIMPLANTATION LOSS PER PREGNANT FEMALS

Summary

Compound: Saccharin (insoluble)
FDA No: 71-4

| Week of Study | Control (10 ml/kg) | TEM (0.2 mg/kg) | 71-4 (30 mg/kg) | 71-4 (2.5 g/kg) | 71-4 (5 g/kg) |
|---|---|---|---|---|---|
| Acute-Single Dose | | | | | |
| 1 | 33/9 =3.67 | 52/11=4.73 | 32/15=2.13 | 13/20=0.65**D | 16/18=0.89*D |
| 2 | 52/20=2.60 | 54/20=2.70 | 26/19=1.37 | 9/20=0.45**D | 27/17=1.59 |
| 3 | 17/18=0.94 | 30/17=1.76 | 13/20=0.65 | 24/20=1.20 | 2/16=0.13*D |
| 4 | 50/19=2.63 | 67/14=4.79 * | 34/18=1.89 | 31/20=1.55 | 26/17=1.53 |
| 5 | 35/16=2.19 | 29/17=1.71 | 31/16=1.94 | 21/17=1.24 | 47/18=2.61 |
| 6 | 12/12=1.00 | 11/20=0.55 | 20/20=1.00 | 11/17=0.65 | 27/19=1.42 |
| 7 | 37/17=2.18 | 37/18=2.06 | 35/19=1.84 | 11/16=0.69 | 19/17=1.12 |
| 8 | 31/20=1.55 | 16/20=0.80 | 20/19=1.06 | 14/20=0.70 | 20/19=1.05 |
| Subacute-Multiple Dose | | | | | |
| 1 | 7/11 =0.64 | | 14/18=0.78 | 15/19=0.79 | 10/14=0.71 |
| 2 | 6/16 =0.38 | | 5/13=0.38 | 35/20=1.75 | 19/16=1.19 |
| 3 | 18/15=1.20 | | 18/20=0.90 | 36/20=1.80 | 17/19=0.89 |
| 4 | 18/18=1.00 | | 23/17=1.35 | 17/19=0.89 | 11/17=0.65 |
| 5 | 18/14=1.29 | | 20/18=1.11 | 18/19=0.95 | 22/18=1.22 |
| 6 | 42/17=2.47 | | 26/17=1.53 | 31/19=1.63 | 28/20=1.40 |
| 7 | 27/19=1.42 | | 5/20=0.25**D | 19/19=1.00 | 22/18=1.22 |

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

Raw Data and Statistical Analyses

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| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNTRL4 | 1 | S | 0.0000 | 1 | 1 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| CNTRL4 | 1 | S | 0.0000 | 1 | 2 | Y | 7 | 9 | 0 | 0 | 0 | 1 | 7 | 9 |
| CNTRL4 | 1 | S | 0.0000 | 2 | 3 | Y | 0 | 1 | 0 | 0 | 0 | 0 | 6 | 5 |
| CNTRL4 | 1 | S | 0.0000 | 2 | 4 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | S | 0.0000 | 3 | 5 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 6 |
| CNTRL4 | 1 | S | 0.0000 | 3 | 6 | Y | 2 | 1 | 0 | 0 | 0 | 0 | 10 | 3 |
| CNTRL4 | 1 | S | 0.0000 | 4 | 7 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 9 |
| CNTRL4 | 1 | S | 0.0000 | 4 | 8 | Y | 5 | 7 | 0 | 0 | 1 | 0 | 6 | 8 |
| CNTRL4 | 1 | S | 0.0000 | 5 | 9 | Y | 4 | 10 | 0 | 0 | 0 | 1 | 4 | 10 |
| CNTRL4 | 1 | S | 0.0000 | 5 | 10 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | S | 0.0000 | 6 | 11 | Y | 2 | 3 | 0 | 0 | 0 | 0 | 4 | 9 |
| CNTRL4 | 1 | S | 0.0000 | 6 | 12 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | S | 0.0000 | 7 | 13 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | S | 0.0000 | 7 | 14 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | S | 0.0000 | 8 | 15 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | S | 0.0000 | 8 | 16 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | S | 0.0000 | 9 | 17 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | S | 0.0000 | 9 | 18 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | S | 0.0000 | 10 | 19 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | S | 0.0000 | 10 | 20 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | S | .0300 | 21 | 41 | Y | 7 | 8 | 0 | 1 | 0 | 1 | 7 | 8 |
| 71-4 | 1 | S | .0300 | 21 | 42 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | S | .0300 | 22 | 43 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 8 | 7 |
| 71-4 | 1 | S | .0300 | 22 | 44 | Y | 10 | 4 | 0 | 0 | 0 | 0 | 11 | 4 |
| 71-4 | 1 | S | .0300 | 23 | 45 | Y | 1 | 1 | 0 | 0 | 0 | 0 | 8 | 1 |
| 71-4 | 1 | S | .0300 | 23 | 46 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 1 | S | .0300 | 24 | 47 | Y | 6 | 8 | 0 | 1 | 0 | 0 | 7 | 10 |
| 71-4 | 1 | S | .0300 | 24 | 48 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | S | .0300 | 25 | 49 | Y | 10 | 4 | 0 | 0 | 3 | 0 | 10 | 4 |
| 71-4 | 1 | S | .0300 | 25 | 50 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 7 | 9 |
| 71-4 | 1 | S | .0300 | 26 | 51 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 1 | S | .0300 | 26 | 52 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | S | .0300 | 27 | 53 | Y | 1 | 0 | 0 | 0 | 1 | 0 | 5 | 2 |
| 71-4 | 1 | S | .0300 | 27 | 54 | Y | 6 | 7 | 0 | 1 | 0 | 0 | 9 | 7 |
| 71-4 | 1 | S | .0300 | 28 | 55 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | S | .0300 | 28 | 56 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 1 | S | .0300 | 29 | 57 | Y | 6 | 4 | 0 | 0 | 0 | 0 | 6 | 4 |
| 71-4 | 1 | S | .0300 | 29 | 58 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | S | .0300 | 30 | 59 | Y | 4 | 4 | 1 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 1 | S | .0300 | 30 | 60 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 1 | S | 2.5000 | 31 | 61 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 1 | S | 2.5000 | 31 | 62 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 1 | S | 2.5000 | 32 | 63 | Y | 5 | 5 | 0 | 0 | 0 | 0 | 8 | 8 |
| 71-4 | 1 | S | 2.5000 | 32 | 64 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 1 | S | 2.5000 | 33 | 65 | Y | 7 | 5 | 0 | 0 | 1 | 1 | 7 | 5 |
| 71-4 | 1 | S | 2.5000 | 33 | 66 | Y | 9 | 2 | 0 | 0 | 0 | 0 | 9 | 2 |
| 71-4 | 1 | S | 2.5000 | 34 | 67 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 1 | S | 2.5000 | 34 | 68 | Y | 8 | 6 | 0 | 0 | 0 | 0 | 8 | 6 |
| 71-4 | 1 | S | 2.5000 | 35 | 69 | Y | 5 | 10 | 1 | 0 | 0 | 0 | 5 | 11 |
| 71-4 | 1 | S | 2.5000 | 35 | 70 | Y | 6 | 6 | 2 | 0 | 2 | 2 | 6 | 7 |
| 71-4 | 1 | S | 2.5000 | 36 | 71 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 1 | S | 2.5000 | 36 | 72 | Y | 6 | 7 | 2 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 1 | S | 2.5000 | 37 | 73 | Y | 7 | 7 | 1 | 1 | 0 | 0 | 7 | 7 |
| 71-4 | 1 | S | 2.5000 | 37 | 74 | Y | 5 | 7 | 0 | 0 | 1 | 0 | 5 | 7 |
| 71-4 | 1 | S | 2.5000 | 38 | 75 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 1 | S | 2.5000 | 38 | 76 | Y | 11 | 1 | 1 | 0 | 0 | 0 | 11 | 6 |
| 71-4 | 1 | S | 2.5000 | 39 | 77 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 1 | S | 2.5000 | 39 | 78 | Y | 9 | 4 | 0 | 0 | 0 | 0 | 9 | 4 |
| 71-4 | 1 | S | 2.5000 | 40 | 79 | Y | 2 | 11 | 0 | 0 | 0 | 0 | 2 | 11 |
| 71-4 | 1 | S | 2.5000 | 40 | 80 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 1 | S | 5.0000 | 41 | 81 | Y | 5 | 7 | 0 | 1 | 0 | 0 | 7 | 8 |
| 71-4 | 1 | S | 5.0000 | 41 | 82 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 1 | S | 5.0000 | 42 | 83 | Y | 8 | 6 | 2 | 2 | 2 | 3 | 10 | 6 |
| 71-4 | 1 | S | 5.0000 | 42 | 84 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | S | 5.0000 | 43 | 85 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 1 | S | 5.0000 | 43 | 86 | Y | 10 | 6 | 0 | 0 | 1 | 0 | 10 | 6 |
| 71-4 | 1 | S | 5.0000 | 44 | 87 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 1 | S | 5.0000 | 44 | 88 | Y | 8 | 5 | 0 | 1 | 0 | 0 | 9 | 5 |
| 71-4 | 1 | S | 5.0000 | 45 | 89 | Y | 8 | 3 | 0 | 0 | 0 | 0 | 8 | 3 |
| 71-4 | 1 | S | 5.0000 | 45 | 90 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 9 |
| 71-4 | 1 | S | 5.0000 | 46 | 91 | Y | 8 | 6 | 0 | 0 | 0 | 0 | 8 | 6 |
| 71-4 | 1 | S | 5.0000 | 46 | 92 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | S | 5.0000 | 47 | 93 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 1 | S | 5.0000 | 47 | 94 | Y | 3 | 10 | 0 | 0 | 0 | 0 | 4 | 11 |
| 71-4 | 1 | S | 5.0000 | 48 | 95 | Y | 7 | 8 | 1 | 1 | 0 | 0 | 8 | 8 |
| 71-4 | 1 | S | 5.0000 | 48 | 96 | Y | 6 | 6 | 1 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 1 | S | 5.0000 | 49 | 97 | Y | 9 | 2 | 0 | 0 | 1 | 0 | 10 | 2 |
| 71-4 | 1 | S | 5.0000 | 49 | 98 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 1 | S | 5.0000 | 50 | 99 | Y | 3 | 9 | 0 | 0 | 0 | 1 | 3 | 9 |
| 71-4 | 1 | S | 5.0000 | 50 | 100 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TEM4 | 1 | S | .0002 | 11 | 21 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 1 | S | .0002 | 11 | 22 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 1 | S | .0002 | 12 | 23 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 1 | S | .0002 | 12 | 24 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 1 | S | .0002 | 13 | 25 | Y | 2 | 6 | 0 | 0 | 2 | 4 | 7 | 5 |
| TEM4 | 1 | S | .0002 | 13 | 26 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 1 | S | .0002 | 14 | 27 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 1 | S | .0002 | 14 | 28 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 1 | S | .0002 | 15 | 29 | Y | 10 | 2 | 0 | 0 | 0 | 0 | 11 | 3 |
| TEM4 | 1 | S | .0002 | 15 | 30 | Y | 6 | 6 | 0 | 0 | 3 | 4 | 7 | 6 |
| TEM4 | 1 | S | .0002 | 16 | 31 | Y | 10 | 3 | 2 | 0 | 0 | 0 | 10 | 3 |
| TEM4 | 1 | S | .0002 | 16 | 32 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 1 | S | .0002 | 17 | 33 | Y | 0 | 2 | 0 | 0 | 0 | 2 | 4 | 6 |
| TEM4 | 1 | S | .0002 | 17 | 34 | Y | 3 | 5 | 1 | 0 | 0 | 2 | 3 | 10 |
| TEM4 | 1 | S | .0002 | 18 | 35 | Y | 0 | 4 | 0 | 1 | 0 | 0 | 7 | 4 |
| TEM4 | 1 | S | .0002 | 18 | 36 | Y | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 5 |
| TEM4 | 1 | S | .0002 | 19 | 37 | Y | 0 | 1 | 0 | 1 | 0 | 0 | 4 | 7 |
| TEM4 | 1 | S | .0002 | 19 | 38 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 1 | S | .0002 | 20 | 39 | Y | 5 | 5 | 0 | 0 | 4 | 5 | 7 | 7 |
| TEM4 | 1 | S | .0002 | 20 | 40 | Y | 7 | 8 | 0 | 0 | 0 | 0 | 7 | 8 |
| CNTRL4 | 1 | M | 0.0000 | 1 | 1 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 6 |
| CNTRL4 | 1 | M | 0.0000 | 1 | 2 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| CNTRL4 | 1 | M | 0.0000 | 2 | 3 | Y | 5 | 8 | 0 | 0 | 1 | 0 | 5 | 8 |
| CNTRL4 | 1 | M | 0.0000 | 2 | 4 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | M | 0.0000 | 3 | 5 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | M | 0.0000 | 3 | 6 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | M | 0.0000 | 4 | 7 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | M | 0.0000 | 4 | 8 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | M | 0.0000 | 5 | 9 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| CNTRL4 | 1 | M | 0.0000 | 5 | 10 | Y | 3 | 8 | 0 | 0 | 0 | 0 | 3 | 8 |
| CNTRL4 | 1 | M | 0.0000 | 6 | 11 | Y | 0 | 9 | 0 | 0 | 0 | 1 | 3 | 9 |
| CNTRL4 | 1 | M | 0.0000 | 6 | 12 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 9 | 4 |
| CNTRL4 | 1 | M | 0.0000 | 7 | 13 | Y | 8 | 6 | 0 | 0 | 4 | 1 | 8 | 6 |
| CNTRL4 | 1 | M | 0.0000 | 7 | 14 | Y | 8 | 6 | 0 | 1 | 0 | 0 | 8 | 6 |
| CNTRL4 | 1 | M | 0.0000 | 8 | 15 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | M | 0.0000 | 8 | 16 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 7 |
| CNTRL4 | 1 | M | 0.0000 | 9 | 17 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 1 | M | 0.0000 | 9 | 18 | Y | 8 | 5 | 1 | 1 | 0 | 0 | 8 | 5 |
| CNTRL4 | 1 | M | 0.0000 | 10 | 19 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 1 | M | .0300 | 21 | 41 | Y | 3 | 9 | 0 | 1 | 0 | 0 | 3 | 9 |
| 71-4 | 1 | M | .0300 | 21 | 42 | Y | 8 | 6 | 0 | 0 | 0 | 0 | 8 | 6 |
| 71-4 | 1 | M | .0300 | 22 | 43 | Y | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 1 | M | .0300 | 22 | 44 | Y | 6 | 7 | 0 | 0 | 1 | 0 | 7 | 7 |
| 71-4 | 1 | M | .0300 | 23 | 45 | Y | 8 | 7 | 1 | 0 | 3 | 2 | 8 | 7 |
| 71-4 | 1 | M | .0300 | 23 | 46 | Y | 6 | 7 | 0 | 0 | 2 | 1 | 6 | 7 |
| 71-4 | 1 | M | .0300 | 24 | 47 | Y | 4 | 9 | 1 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 1 | M | .0300 | 24 | 48 | Y | 6 | 9 | 0 | 0 | 0 | 0 | 6 | 9 |
| 71-4 | 1 | M | .0300 | 25 | 49 | Y | 7 | 7 | 0 | 0 | 0 | 1 | 7 | 7 |
| 71-4 | 1 | M | .0300 | 25 | 50 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 1 | M | .0300 | 26 | 51 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 1 | M | .0300 | 26 | 52 | Y | 6 | 8 | 0 | 1 | 1 | 4 | 7 | 9 |
| 71-4 | 1 | M | .0300 | 27 | 53 | Y | 6 | 8 | 0 | 0 | 0 | 1 | 6 | 8 |
| 71-4 | 1 | M | .0300 | 27 | 54 | Y | 7 | 6 | 1 | 1 | 0 | 0 | 7 | 6 |
| 71-4 | 1 | M | .0300 | 28 | 55 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 7 | 8 |
| 71-4 | 1 | M | .0300 | 28 | 56 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | M | .0300 | 29 | 57 | Y | 7 | 3 | 0 | 0 | 2 | 0 | 8 | 3 |
| 71-4 | 1 | M | .0300 | 29 | 58 | Y | 9 | 1 | 0 | 0 | 0 | 0 | 11 | 1 |
| 71-4 | 1 | M | .0300 | 30 | 59 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 1 | M | .0300 | 30 | 60 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | M | 2.5000 | 31 | 61 | Y | 5 | 5 | 0 | 0 | 1 | 0 | 6 | 6 |
| 71-4 | 1 | M | 2.5000 | 31 | 62 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 1 | M | 2.5000 | 32 | 63 | Y | 5 | 7 | 1 | 1 | 1 | 1 | 5 | 7 |
| 71-4 | 1 | M | 2.5000 | 32 | 64 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 1 | M | 2.5000 | 33 | 65 | Y | 1 | 1 | 0 | 0 | 0 | 0 | 7 | 1 |
| 71-4 | 1 | M | 2.5000 | 33 | 66 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 1 | M | 2.5000 | 34 | 67 | Y | 0 | 9 | 0 | 0 | 0 | 4 | 0 | 9 |
| 71-4 | 1 | M | 2.5000 | 34 | 68 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 1 | M | 2.5000 | 35 | 69 | Y | 3 | 8 | 0 | 0 | 0 | 0 | 3 | 9 |
| 71-4 | 1 | M | 2.5000 | 35 | 70 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 4 | 6 |
| 71-4 | 1 | M | 2.5000 | 36 | 71 | Y | 7 | 2 | 0 | 0 | 0 | 0 | 9 | 2 |
| 71-4 | 1 | M | 2.5000 | 36 | 72 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 1 | M | 2.5000 | 37 | 73 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 1 | M | 2.5000 | 37 | 74 | Y | 10 | 4 | 0 | 0 | 0 | 0 | 10 | 4 |
| 71-4 | 1 | M | 2.5000 | 38 | 75 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 1 | M | 2.5000 | 38 | 76 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | M | 2.5000 | 39 | 77 | Y | 7 | 5 | 0 | 1 | 0 | 0 | 8 | 5 |
| 71-4 | 1 | M | 2.5000 | 39 | 78 | Y | 7 | 5 | 0 | 0 | 0 | 1 | 7 | 5 |
| 71-4 | 1 | M | 2.5000 | 40 | 79 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 1 | M | 2.5000 | 40 | 80 | Y | 6 | 6 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 1 | M | 5.0000 | 41 | 87 | Y | 8 | 3 | 0 | 0 | 1 | 0 | 8 | 4 |
| 71-4 | 1 | M | 5.0000 | 41 | 82 | Y | 5 | 4 | 0 | 0 | 0 | 0 | 5 | 5 |
| 71-4 | 1 | M | 5.0000 | 42 | 83 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | M | 5.0000 | 42 | 84 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | M | 5.0000 | 43 | 85 | Y | 5 | 7 | 0 | 0 | 1 | 2 | 5 | 7 |
| 71-4 | 1 | M | 5.0000 | 43 | 86 | Y | 6 | 6 | 0 | 1 | 1 | 0 | 8 | 6 |
| 71-4 | 1 | M | 5.0000 | 44 | 87 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 1 | M | 5.0000 | 44 | 88 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | M | 5.0000 | 45 | 89 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 1 | M | 5.0000 | 45 | 90 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 8 | 4 |
| 71-4 | 1 | M | 5.0000 | 46 | 91 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 1 | M | 5.0000 | 46 | 92 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | M | 5.0000 | 47 | 93 | Y | 6 | 4 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 1 | M | 5.0000 | 47 | 94 | Y | 4 | 6 | 0 | 0 | 4 | 5 | 4 | 6 |
| 71-4 | 1 | M | 5.0000 | 48 | 95 | Y | 7 | 7 | 0 | 1 | 0 | 1 | 7 | 9 |
| 71-4 | 1 | M | 5.0000 | 48 | 96 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | M | 5.0000 | 49 | 97 | Y | 7 | 4 | 0 | 0 | 2 | 0 | 7 | 5 |
| 71-4 | 1 | M | 5.0000 | 49 | 98 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 1 | M | 5.0000 | 50 | 99 | Y | 9 | 3 | 0 | 0 | 0 | 0 | 9 | 3 |
| 71-4 | 1 | M | 5.0000 | 50 | 100 | Y | 6 | 8 | 2 | 0 | 0 | 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNTRL4 | 2 | S | 0.0000 | 1 | 1 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| CNTRL4 | 2 | S | 0.0000 | 1 | 2 | Y | 8 | 6 | 0 | 0 | 0 | 0 | 8 | 6 |
| CNTRL4 | 2 | S | 0.0000 | 2 | 3 | Y | 3 | 3 | 1 | 0 | 0 | 0 | 5 | 6 |
| CNTRL4 | 2 | S | 0.0000 | 2 | 4 | Y | 0 | 1 | 0 | 0 | 0 | 0 | 8 | 3 |
| CNTRL4 | 2 | S | 0.0000 | 3 | 5 | Y | 3 | 8 | 0 | 0 | 0 | 0 | 3 | 8 |
| CNTRL4 | 2 | S | 0.0000 | 3 | 6 | Y | 8 | 4 | 0 | 0 | 1 | 1 | 8 | 4 |
| CNTRL4 | 2 | S | 0.0000 | 4 | 7 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| CNTRL4 | 2 | S | 0.0000 | 4 | 8 | Y | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 5 |
| CNTRL4 | 2 | S | 0.0000 | 5 | 9 | Y | 0 | 6 | 0 | 0 | 0 | 0 | 3 | 8 |
| CNTRL4 | 2 | S | 0.0000 | 5 | 10 | Y | 5 | 4 | 0 | 0 | 0 | 1 | 6 | 4 |
| CNTRL4 | 2 | S | 0.0000 | 6 | 11 | Y | 3 | 9 | 0 | 0 | 1 | 0 | 4 | 9 |
| CNTRL4 | 2 | S | 0.0000 | 6 | 12 | Y | 1 | 4 | 0 | 0 | 0 | 2 | 5 | 6 |
| CNTRL4 | 2 | S | 0.0000 | 7 | 13 | Y | 8 | 3 | 0 | 0 | 0 | 0 | 9 | 5 |
| CNTRL4 | 2 | S | 0.0000 | 7 | 14 | Y | 3 | 2 | 0 | 0 | 0 | 0 | 6 | 4 |
| CNTRL4 | 2 | S | 0.0000 | 8 | 15 | Y | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 5 |
| CNTRL4 | 2 | S | 0.0000 | 8 | 16 | Y | 3 | 9 | 0 | 0 | 1 | 0 | 3 | 9 |
| CNTRL4 | 2 | S | 0.0000 | 9 | 17 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| CNTRL4 | 2 | S | 0.0000 | 9 | 18 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 8 | 7 |
| CNTRL4 | 2 | S | 0.0000 | 10 | 19 | Y | 6 | 7 | 1 | 0 | 0 | 0 | 6 | 7 |
| CNTRL4 | 2 | S | 0.0000 | 10 | 20 | Y | 5 | [illegible] | 0 | 0 | 0 | 0 | 5 | 3 |
| 71-4 | 2 | S | .0300 | 21 | 41 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 2 | S | .0300 | 21 | 42 | Y | 3 | 4 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 2 | S | .0300 | 22 | 43 | Y | 11 | 3 | 1 | 0 | 1 | 0 | 11 | 4 |
| 71-4 | 2 | S | .0300 | 22 | 44 | Y | 7 | 6 | 0 | 0 | 1 | 0 | 7 | 7 |
| 71-4 | 2 | S | .0300 | 23 | 45 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 2 | S | .0300 | 23 | 46 | Y | 9 | 5 | 0 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 2 | S | .0300 | 24 | 47 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 9 | 4 |
| 71-4 | 2 | S | .0300 | 24 | 48 | Y | 5 | 7 | 0 | 0 | 1 | 2 | 5 | 7 |
| 71-4 | 2 | S | .0300 | 25 | 49 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 2 | S | .0300 | 25 | 50 | Y | 7 | 4 | 0 | 0 | 1 | 0 | 7 | 5 |
| 71-4 | 2 | S | .0300 | 26 | 51 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 9 | 4 |
| 71-4 | 2 | S | .0300 | 26 | 52 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | S | .0300 | 27 | 53 | Y | 7 | 5 | 0 | 0 | 1 | 0 | 7 | 6 |
| 71-4 | 2 | S | .0300 | 27 | 54 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 2 | S | .0300 | 28 | 55 | Y | 0 | 1 | 0 | 1 | 0 | 0 | 5 | 3 |
| 71-4 | 2 | S | .0300 | 28 | 56 | Y | 1 | 4 | 0 | 0 | 1 | 0 | 6 | 4 |
| 71-4 | 2 | S | .0300 | 29 | 57 | Y | 8 | 6 | 0 | 0 | 1 | 2 | 8 | 6 |
| 71-4 | 2 | S | .0300 | 29 | 58 | Y | 5 | 9 | 0 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 2 | S | .0300 | 30 | 59 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 2 | S | .0300 | 30 | 60 | Y | 6 | 7 | 0 | 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 2 | S | 2.5000 | 31 | 61 | Y | 4 | 10 | 0 | 0 | 1 | 4 | 4 | 10 |
| 71-4 | 2 | S | 2.5000 | 31 | 62 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 2 | S | 2.5000 | 32 | 63 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 2 | S | 2.5000 | 32 | 64 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 2 | S | 2.5000 | 33 | 65 | Y | 4 | 8 | 0 | 0 | 0 | 1 | 4 | 9 |
| 71-4 | 2 | S | 2.5000 | 33 | 66 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 2 | S | 2.5000 | 34 | 67 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 2 | S | 2.5000 | 34 | 68 | Y | 6 | 4 | 0 | 0 | 0 | 0 | 6 | 4 |
| 71-4 | 2 | S | 2.5000 | 35 | 69 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 2 | S | 2.5000 | 35 | 70 | Y | 10 | 4 | 0 | 0 | 0 | 0 | 10 | 4 |
| 71-4 | 2 | S | 2.5000 | 36 | 71 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 2 | S | 2.5000 | 36 | 72 | Y | 5 | 9 | 0 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 2 | S | 2.5000 | 37 | 73 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 2 | S | 2.5000 | 37 | 74 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 2 | S | 2.5000 | 38 | 75 | Y | 7 | 1 | 2 | 0 | 0 | 0 | 10 | 3 |
| 71-4 | 2 | S | 2.5000 | 38 | 76 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 2 | S | 2.5000 | 39 | 77 | Y | 5 | 6 | 0 | 0 | 0 | 1 | 5 | 6 |
| 71-4 | 2 | S | 2.5000 | 39 | 78 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 2 | S | 2.5000 | 40 | 79 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 2 | S | 2.5000 | 40 | 80 | Y | 5 | 4 | 1 | 0 | 0 | 0 | 5 | 4 |
| 71-4 | 2 | S | 5.0000 | 41 | 81 | Y | 7 | 5 | 0 | 1 | 1 | 0 | 7 | 5 |
| 71-4 | 2 | S | 5.0000 | 41 | 82 | Y | 0 | 1 | 0 | 0 | 0 | 0 | 6 | 4 |
| 71-4 | 2 | S | 5.0000 | 42 | 83 | Y | 6 | 4 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 2 | S | 5.0000 | 42 | 84 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 2 | S | 5.0000 | 43 | 85 | Y | 8 | 5 | 0 | 0 | 1 | 0 | 8 | 5 |
| 71-4 | 2 | S | 5.0000 | 43 | 86 | Y | 5 | 4 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 2 | S | 5.0000 | 44 | 87 | Y | 7 | 8 | 1 | 0 | 0 | 0 | 8 | 8 |
| 71-4 | 2 | S | 5.0000 | 44 | 88 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | S | 5.0000 | 45 | 89 | Y | 3 | 0 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 2 | S | 5.0000 | 45 | 90 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 2 | S | 5.0000 | 46 | 91 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | S | 5.0000 | 46 | 92 | Y | 9 | 3 | 0 | 0 | 0 | 0 | 10 | 3 |
| 71-4 | 2 | S | 5.0000 | 47 | 93 | Y | 8 | 3 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 2 | S | 5.0000 | 47 | 94 | Y | 8 | 4 | 1 | 1 | 0 | 0 | 8 | 4 |
| 71-4 | 2 | S | 5.0000 | 48 | 95 | Y | 4 | 8 | 0 | 0 | 0 | 1 | 4 | 9 |
| 71-4 | 2 | S | 5.0000 | 48 | 96 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 2 | S | 5.0000 | 49 | 97 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 2 | S | 5.0000 | 49 | 98 | Y | 3 | 6 | 0 | 0 | 1 | 0 | 3 | 6 |
| 71-4 | 2 | S | 5.0000 | 50 | 99 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | S | 5.0000 | 50 | 100 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TEM4 | 2 | S | .0002 | 11 | 21 | Y | 6 | 5 | 4 | 5 | 0 | 0 | 7 | 6 |
| TEM4 | 2 | S | .0002 | 11 | 22 | Y | 5 | 0 | 4 | 0 | 0 | 0 | 5 | 4 |
| TEM4 | 2 | S | .0002 | 12 | 23 | Y | 6 | 5 | 6 | 4 | 0 | 0 | 7 | 6 |
| TEM4 | 2 | S | .0002 | 12 | 24 | Y | 7 | 6 | 0 | 0 | 4 | 3 | 8 | 6 |
| TEM4 | 2 | S | .0002 | 13 | 25 | Y | 5 | 6 | 0 | 0 | 2 | 0 | 7 | 6 |
| TEM4 | 2 | S | .0002 | 13 | 26 | Y | 3 | 0 | 1 | 0 | 1 | 0 | 3 | 6 |
| TEM4 | 2 | S | .0002 | 14 | 27 | Y | 1 | 1 | 0 | 1 | 0 | 0 | 6 | 3 |
| TEM4 | 2 | S | .0002 | 14 | 28 | Y | 7 | 5 | 0 | 0 | 0 | 2 | 7 | 5 |
| TEM4 | 2 | S | .0002 | 15 | 29 | Y | 7 | 4 | 0 | 0 | 7 | 3 | 7 | 4 |
| TEM4 | 2 | S | .0002 | 15 | 30 | Y | 8 | 5 | 0 | 0 | 1 | 1 | 8 | 5 |
| TEM4 | 2 | S | .0002 | 16 | 31 | Y | 5 | 7 | 3 | 5 | 0 | 0 | 6 | 8 |
| TEM4 | 2 | S | .0002 | 16 | 32 | Y | 8 | 2 | 0 | 0 | 7 | 2 | 9 | 4 |
| TEM4 | 2 | S | .0002 | 17 | 33 | Y | 2 | 3 | 2 | 2 | 0 | 0 | 5 | 6 |
| TEM4 | 2 | S | .0002 | 17 | 34 | Y | 6 | 6 | 0 | 0 | 2 | 1 | 6 | 6 |
| TEM4 | 2 | S | .0002 | 18 | 35 | Y | 4 | 8 | 2 | 8 | 1 | 0 | 5 | 9 |
| TEM4 | 2 | S | .0002 | 18 | 36 | Y | 5 | 7 | 0 | 3 | 4 | 2 | 6 | 8 |
| TEM4 | 2 | S | .0002 | 19 | 37 | Y | 4 | 8 | 0 | 0 | 4 | 7 | 5 | 10 |
| TEM4 | 2 | S | .0002 | 19 | 38 | Y | 3 | 3 | 0 | 3 | 1 | 0 | 9 | 5 |
| TEM4 | 2 | S | .0002 | 20 | 39 | Y | 3 | 6 | 2 | 6 | 0 | 0 | 3 | 9 |
| TEM4 | 2 | S | .0002 | 20 | 40 | Y | 1 | 1 | 1 | 8 | 0 | 0 | 2 | 10 |
| CNTRL4 | 2 | M | 0.0000 | 1 | 1 | Y | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 |
| CNTRL4 | 2 | M | 0.0000 | 1 | 2 | Y | 10 | 4 | 0 | 0 | 0 | 0 | 10 | 4 |
| CNTRL4 | 2 | M | 0.0000 | 2 | 3 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 2 | M | 0.0000 | 2 | 4 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 2 | M | 0.0000 | 3 | 5 | Y | 6 | 3 | 0 | 0 | 0 | 0 | 6 | 4 |
| CNTRL4 | 2 | M | 0.0000 | 3 | 6 | Y | 2 | 6 | 0 | 1 | 0 | 1 | 3 | 6 |
| CNTRL4 | 2 | M | 0.0000 | 4 | 7 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 2 | M | 0.0000 | 4 | 8 | Y | 10 | 3 | 0 | 0 | 0 | 0 | 10 | 3 |
| CNTRL4 | 2 | M | 0.0000 | 5 | 9 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| CNTRL4 | 2 | M | 0.0000 | 5 | 10 | Y | 8 | 6 | 0 | 0 | 1 | 0 | 8 | 6 |
| CNTRL4 | 2 | M | 0.0000 | 6 | 11 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 2 | M | 0.0000 | 6 | 12 | Y | 4 | 5 | 0 | 0 | 0 | 0 | 4 | 6 |
| CNTRL4 | 2 | M | 0.0000 | 7 | 13 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| CNTRL4 | 2 | M | 0.0000 | 7 | 14 | Y | 5 | 9 | 0 | 0 | 0 | 0 | 5 | 9 |
| CNTRL4 | 2 | M | 0.0000 | 8 | 15 | Y | 11 | 2 | 1 | 1 | 3 | 1 | 11 | 2 |
| CNTRL4 | 2 | M | 0.0000 | 8 | 16 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| CNTRL4 | 2 | M | 0.0000 | 9 | 17 | Y | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 3 |
| CNTRL4 | 2 | M | 0.0000 | 9 | 18 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| CNTRL4 | 2 | M | 0.0000 | 10 | 19 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| CNTRL4 | 2 | M | 0.0000 | 10 | 20 | Y | 8 | 4 | 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 2 | M | .0300 | 11 | 21 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 7 | 8 |
| 71-4 | 2 | M | .0300 | 11 | 22 | Y | 3 | 6 | 0 | 0 | 0 | 1 | 3 | 6 |
| 71-4 | 2 | M | .0300 | 12 | 23 | Y | 4 | 6 | 0 | 1 | 1 | 0 | 5 | 6 |
| 71-4 | 2 | M | .0300 | 12 | 24 | Y | 3 | 9 | 0 | 0 | 0 | 0 | 3 | 9 |
| 71-4 | 2 | M | .0300 | 13 | 25 | Y | 1 | 9 | 0 | 0 | 0 | 0 | 1 | 9 |
| 71-4 | 2 | M | .0300 | 13 | 26 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 2 | M | .0300 | 14 | 27 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | M | .0300 | 14 | 28 | Y | 10 | 3 | 3 | 0 | 0 | 1 | 10 | 3 |
| 71-4 | 2 | M | .0300 | 15 | 29 | Y | 6 | 6 | 0 | 1 | 1 | 0 | 6 | 7 |
| 71-4 | 2 | M | .0300 | 15 | 30 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | M | .0300 | 16 | 31 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | M | .0300 | 16 | 32 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | M | .0300 | 17 | 33 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | M | .0300 | 17 | 34 | Y | 9 | 4 | 0 | 1 | 1 | 0 | 9 | 4 |
| 71-4 | 2 | M | .0300 | 18 | 35 | Y | 6 | 5 | 0 | 0 | 1 | 0 | 6 | 5 |
| 71-4 | 2 | M | .0300 | 18 | 36 | Y | 6 | 4 | 0 | 0 | 0 | 0 | 7 | 4 |
| 71-4 | 2 | M | .0300 | 19 | 37 | Y | 5 | 6 | 1 | 0 | 1 | 0 | 5 | 6 |
| 71-4 | 2 | M | .0300 | 19 | 38 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | M | .0300 | 20 | 39 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 10 |
| 71-4 | 2 | M | .0300 | 20 | 40 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | M | 2.5000 | 21 | 41 | Y | 2 | 9 | 0 | 0 | 0 | 0 | 3 | 9 |
| 71-4 | 2 | M | 2.5000 | 21 | 42 | Y | 0 | 9 | 0 | 0 | 0 | 2 | 2 | 9 |
| 71-4 | 2 | M | 2.5000 | 22 | 43 | Y | 7 | 8 | 0 | 0 | 0 | 0 | 8 | 9 |
| 71-4 | 2 | M | 2.5000 | 22 | 44 | Y | 8 | 3 | 0 | 0 | 0 | 0 | 8 | 3 |
| 71-4 | 2 | M | 2.5000 | 23 | 45 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 2 | M | 2.5000 | 23 | 46 | Y | 6 | 7 | 0 | 0 | 1 | 1 | 6 | 7 |
| 71-4 | 2 | M | 2.5000 | 24 | 47 | Y | 8 | 3 | 0 | 0 | 0 | 0 | 8 | 3 |
| 71-4 | 2 | M | 2.5000 | 24 | 48 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 8 | 4 |
| 71-4 | 2 | M | 2.5000 | 25 | 49 | Y | 9 | 4 | 0 | 0 | 1 | 0 | 10 | 4 |
| 71-4 | 2 | M | 2.5000 | 25 | 50 | Y | 1 | 2 | 1 | 2 | 0 | 0 | 12 | 3 |
| 71-4 | 2 | M | 2.5000 | 26 | 51 | Y | 6 | 5 | 1 | 1 | 1 | 1 | 6 | 5 |
| 71-4 | 2 | M | 2.5000 | 26 | 52 | Y | 7 | 2 | 1 | 0 | 0 | 0 | 7 | 2 |
| 71-4 | 2 | M | 2.5000 | 27 | 53 | Y | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 2 | M | 2.5000 | 27 | 54 | Y | 6 | 6 | 0 | 0 | 2 | 1 | 6 | 6 |
| 71-4 | 2 | M | 2.5000 | 28 | 55 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 2 | M | 2.5000 | 28 | 56 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 2 | M | 2.5000 | 29 | 57 | Y | 1 | 5 | 1 | 0 | 0 | 0 | 4 | 5 |
| 71-4 | 2 | M | 2.5000 | 29 | 58 | Y | 7 | 5 | 0 | 0 | 0 | 1 | 7 | 5 |
| 71-4 | 2 | M | 2.5000 | 30 | 59 | Y | 4 | 8 | 0 | 0 | 2 | 2 | 5 | 8 |
| 71-4 | 2 | M | 2.5000 | 30 | 60 | Y | 3 | 9 | 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 2 | M | 5.0000 | 31 | 61 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | M | 5.0000 | 31 | 62 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 2 | M | 5.0000 | 32 | 63 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | M | 5.0000 | 32 | 64 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | M | 5.0000 | 33 | 65 | Y | 3 | 6 | 0 | 1 | 0 | 0 | 3 | 6 |
| 71-4 | 2 | M | 5.0000 | 33 | 66 | Y | 6 | 7 | 0 | 1 | 1 | 0 | 7 | 8 |
| 71-4 | 2 | M | 5.0000 | 34 | 67 | Y | 5 | 9 | 0 | 0 | 1 | 0 | 5 | 9 |
| 71-4 | 2 | M | 5.0000 | 34 | 68 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 2 | M | 5.0000 | 35 | 69 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 2 | M | 5.0000 | 35 | 70 | Y | 9 | 5 | 0 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 2 | M | 5.0000 | 36 | 71 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 2 | M | 5.0000 | 36 | 72 | Y | 1 | 1 | 1 | 1 | 0 | 0 | 10 | 3 |
| 71-4 | 2 | M | 5.0000 | 37 | 73 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 2 | M | 5.0000 | 37 | 74 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 2 | M | 5.0000 | 38 | 75 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 2 | M | 5.0000 | 38 | 76 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 2 | M | 5.0000 | 39 | 77 | Y | 9 | 3 | 0 | 0 | 0 | 1 | 9 | 3 |
| 71-4 | 2 | M | 5.0000 | 39 | 78 | Y | 3 | 8 | 0 | 0 | 0 | 0 | 3 | 8 |
| 71-4 | 2 | M | 5.0000 | 40 | 79 | Y | 4 | 1 | 2 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 2 | M | 5.0000 | 40 | 80 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNTRL4 | 3 | S | 0.0000 | 1 | 1 | Y | 7 | 4 | 1 | 1 | 0 | 0 | 7 | 5 |
| CNTRL4 | 3 | S | 0.0000 | 1 | 2 | Y | 3 | 8 | 0 | 1 | 0 | 1 | 3 | 8 |
| CNTRL4 | 3 | S | 0.0000 | 2 | 3 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| CNTRL4 | 3 | S | 0.0000 | 2 | 4 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| CNTRL4 | 3 | S | 0.0000 | 3 | 5 | Y | 3 | 5 | 0 | 0 | 0 | 0 | 3 | 7 |
| CNTRL4 | 3 | S | 0.0000 | 3 | 6 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| CNTRL4 | 3 | S | 0.0000 | 4 | 7 | Y | 2 | 10 | 0 | 0 | 0 | 0 | 2 | 11 |
| CNTRL4 | 3 | S | 0.0000 | 4 | 8 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| CNTRL4 | 3 | S | 0.0000 | 5 | 9 | Y | 3 | 0 | 0 | 0 | 0 | 0 | 4 | 2 |
| CNTRL4 | 3 | S | 0.0000 | 5 | 10 | Y | 4 | 2 | 1 | 1 | 0 | 0 | 5 | 7 |
| CNTRL4 | 3 | S | 0.0000 | 6 | 11 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| CNTRL4 | 3 | S | 0.0000 | 6 | 12 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 3 | S | 0.0000 | 7 | 13 | Y | 7 | 4 | 1 | 0 | 0 | 0 | 7 | 5 |
| CNTRL4 | 3 | S | 0.0000 | 7 | 14 | Y | 4 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| CNTRL4 | 3 | S | 0.0000 | 8 | 15 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| CNTRL4 | 3 | S | 0.0000 | 8 | 16 | Y | 8 | 6 | 0 | 0 | 1 | 0 | 8 | 6 |
| CNTRL4 | 3 | S | 0.0000 | 9 | 17 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 10 |
| CNTRL4 | 3 | S | 0.0000 | 9 | 18 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| CNTRL4 | 3 | S | 0.0000 | 10 | 19 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| CNTRL4 | 3 | S | 0.0000 | 10 | 20 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 3 | S | .0300 | 21 | 41 | Y | 2 | 8 | 0 | 0 | 0 | 0 | 2 | 8 |
| 71-4 | 3 | S | .0300 | 21 | 42 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 3 | S | .0300 | 22 | 43 | Y | 5 | 6 | 4 | 5 | 0 | 0 | 6 | 5 |
| 71-4 | 3 | S | .0300 | 22 | 44 | Y | 3 | 10 | 1 | 0 | 0 | 0 | 3 | 11 |
| 71-4 | 3 | S | .0300 | 23 | 45 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 3 | S | .0300 | 23 | 46 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 3 | S | .0300 | 24 | 47 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 3 | S | .0300 | 24 | 48 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 9 |
| 71-4 | 3 | S | .0300 | 25 | 49 | Y | 3 | 11 | 0 | 0 | 0 | 0 | 3 | 11 |
| 71-4 | 3 | S | .0300 | 25 | 50 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 3 | S | .0300 | 26 | 51 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 3 | S | .0300 | 26 | 52 | Y | 6 | 10 | 0 | 0 | 0 | 0 | 6 | 10 |
| 71-4 | 3 | S | .0300 | 27 | 53 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 3 | S | .0300 | 27 | 54 | Y | 2 | 10 | 0 | 0 | 0 | 0 | 3 | 10 |
| 71-4 | 3 | S | .0300 | 28 | 55 | Y | 4 | 10 | 0 | 0 | 0 | 0 | 4 | 10 |
| 71-4 | 3 | S | .0300 | 28 | 56 | Y | 3 | 9 | 1 | 1 | 0 | 0 | 3 | 10 |
| 71-4 | 3 | S | .0300 | 29 | 57 | Y | 0 | 2 | 0 | 2 | 0 | 0 | 2 | 7 |
| 71-4 | 3 | S | .0300 | 29 | 58 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 3 | S | .0300 | 30 | 59 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 3 | S | .0300 | 30 | 60 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |

DOMINANT LETHAL GENE STUDY OF COMPOUND 71-4 SACCHARIN (INSOLUBLE)

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 3 | S | 2.5000 | 31 | 61 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 3 | S | 2.5000 | 31 | 62 | Y | 5 | 3 | 0 | 0 | 0 | 0 | 7 | 3 |
| 71-4 | 3 | S | 2.5000 | 32 | 63 | Y | 6 | 4 | 0 | 0 | 0 | 0 | 7 | 4 |
| 71-4 | 3 | S | 2.5000 | 32 | 64 | Y | 0 | 4 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 3 | S | 2.5000 | 33 | 65 | Y | 5 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 3 | S | 2.5000 | 33 | 66 | Y | 7 | 2 | 0 | 0 | 1 | 0 | 7 | 3 |
| 71-4 | 3 | S | 2.5000 | 34 | 67 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 9 | 6 |
| 71-4 | 3 | S | 2.5000 | 34 | 68 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 3 | S | 2.5000 | 35 | 69 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 3 | S | 2.5000 | 35 | 70 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 3 | S | 2.5000 | 36 | 71 | Y | 3 | 10 | 0 | 0 | 0 | 0 | 3 | 11 |
| 71-4 | 3 | S | 2.5000 | 36 | 72 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 3 | S | 2.5000 | 37 | 73 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 3 | S | 2.5000 | 37 | 74 | Y | 8 | 4 | 0 | 0 | 1 | 0 | 8 | 4 |
| 71-4 | 3 | S | 2.5000 | 38 | 75 | Y | 3 | 10 | 0 | 0 | 0 | 0 | 3 | 10 |
| 71-4 | 3 | S | 2.5000 | 38 | 76 | Y | 3 | 6 | 1 | 0 | 0 | 0 | 3 | 6 |
| 71-4 | 3 | S | 2.5000 | 39 | 77 | Y | 8 | 4 | 0 | 0 | 1 | 0 | 9 | 4 |
| 71-4 | 3 | S | 2.5000 | 39 | 78 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 3 | S | 2.5000 | 40 | 79 | Y | 4 | 1 | 0 | 1 | 1 | 0 | 4 | 6 |
| 71-4 | 3 | S | 2.5000 | 40 | 80 | Y | 8 | 5 | 1 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 3 | S | 5.0000 | 41 | 81 | Y | 7 | 3 | 0 | 0 | 0 | 0 | 7 | 3 |
| 71-4 | 3 | S | 5.0000 | 41 | 82 | Y | 4 | 7 | 0 | 0 | 0 | 0 | 4 | 7 |
| 71-4 | 3 | S | 5.0000 | 42 | 83 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 3 | S | 5.0000 | 42 | 84 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 8 | 4 |
| 71-4 | 3 | S | 5.0000 | 43 | 85 | Y | 6 | 5 | 0 | 0 | 0 | 1 | 7 | 5 |
| 71-4 | 3 | S | 5.0000 | 43 | 86 | Y | 7 | 6 | 0 | 1 | 0 | 0 | 7 | 6 |
| 71-4 | 3 | S | 5.0000 | 44 | 87 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 3 | S | 5.0000 | 44 | 88 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 3 | S | 5.0000 | 45 | 89 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 3 | S | 5.0000 | 45 | 90 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 3 | S | 5.0000 | 46 | 91 | Y | 7 | 6 | 0 | 0 | 1 | 0 | 7 | 6 |
| 71-4 | 3 | S | 5.0000 | 46 | 92 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 3 | S | 5.0000 | 47 | 93 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 3 | S | 5.0000 | 47 | 94 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 3 | S | 5.0000 | 48 | 95 | Y | 4 | 9 | 0 | 1 | 0 | 0 | 4 | 9 |
| 71-4 | 3 | S | 5.0000 | 48 | 96 | Y | 6 | 5 | 0 | 0 | 1 | 0 | 6 | 5 |
| 71-4 | 3 | S | 5.0000 | 49 | 97 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 3 | S | 5.0000 | 49 | 98 | Y | 1 | 7 | 0 | 0 | 0 | 0 | 1 | 7 |
| 71-4 | 3 | S | 5.0000 | 50 | 99 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 3 | S | 5.0000 | 50 | 100 | Y | 4 | 8 | 0 | 1 | 0 | 0 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TEM4 | 3 | S | .0002 | 11 | 21 | Y | 6 | 4 | 1 | 2 | 0 | 0 | 6 | 6 |
| TEM4 | 3 | S | .0002 | 11 | 22 | Y | 6 | 5 | 4 | 4 | 1 | 0 | 6 | 5 |
| TEM4 | 3 | S | .0002 | 12 | 23 | Y | 2 | 1 | 2 | 1 | 0 | 0 | 6 | 2 |
| TEM4 | 3 | S | .0002 | 12 | 24 | Y | 1 | 0 | 1 | 0 | 0 | 0 | 8 | 5 |
| TEM4 | 3 | S | .0002 | 13 | 25 | Y | 4 | 6 | 2 | 3 | 0 | 0 | 6 | 6 |
| TEM4 | 3 | S | .0002 | 13 | 26 | Y | 7 | 7 | 6 | 5 | 0 | 1 | 7 | 7 |
| TEM4 | 3 | S | .0002 | 14 | 27 | Y | 5 | 8 | 0 | 0 | 1 | 0 | 5 | 8 |
| TEM4 | 3 | S | .0002 | 14 | 28 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 3 | S | .0002 | 15 | 29 | Y | 6 | 5 | 0 | 0 | 3 | 3 | 7 | 5 |
| TEM4 | 3 | S | .0002 | 15 | 30 | Y | 6 | 5 | 0 | 0 | 5 | 4 | 8 | 5 |
| TEM4 | 3 | S | .0002 | 16 | 31 | Y | 6 | 7 | 3 | 4 | 1 | 0 | 6 | 7 |
| TEM4 | 3 | S | .0002 | 16 | 32 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 3 | S | .0002 | 17 | 33 | Y | 9 | 3 | 0 | 0 | 7 | 1 | 9 | 3 |
| TEM4 | 3 | S | .0002 | 17 | 34 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 3 | S | .0002 | 18 | 35 | Y | 5 | 6 | 0 | 0 | 5 | 6 | 5 | 6 |
| TEM4 | 3 | S | .0002 | 18 | 36 | Y | 1 | 5 | 1 | 4 | 0 | 0 | 4 | 6 |
| TEM4 | 3 | S | .0002 | 19 | 37 | Y | 4 | 6 | 0 | 0 | 1 | 1 | 4 | 6 |
| TEM4 | 3 | S | .0002 | 19 | 38 | Y | 5 | 2 | 5 | 2 | 0 | 0 | 6 | 3 |
| TEM4 | 3 | S | .0002 | 20 | 39 | Y | 4 | 8 | 0 | 0 | 4 | 5 | 4 | 8 |
| TEM4 | 3 | S | .0002 | 20 | 40 | | 6 | 5 | 6 | 4 | 0 | 0 | 6 | 5 |
| CNTRL4 | 3 | M | 0.0000 | 1 | 1 | Y | 9 | 4 | 0 | 0 | 2 | 0 | 10 | 4 |
| CNTRL4 | 3 | M | 0.0000 | 1 | 2 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 8 | 6 |
| CNTRL4 | 3 | M | 0.0000 | 2 | 3 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 3 | M | 0.0000 | 2 | 4 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 8 | 6 |
| CNTRL4 | 3 | M | 0.0000 | 3 | 5 | Y | 6 | 3 | 1 | 0 | 0 | 0 | 7 | 3 |
| CNTRL4 | 3 | M | 0.0000 | 3 | 6 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 3 | M | 0.0000 | 4 | 7 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 9 |
| CNTRL4 | 3 | M | 0.0000 | 4 | 8 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 3 | M | 0.0000 | 5 | 9 | Y | 7 | 4 | 1 | 0 | 0 | 0 | 8 | 4 |
| CNTRL4 | 3 | M | 0.0000 | 5 | 10 | Y | 6 | 8 | 0 | 1 | 1 | 0 | 6 | 8 |
| CNTRL4 | 3 | M | 0.0000 | 6 | 11 | Y | 7 | 4 | 0 | 0 | 0 | 1 | 7 | 5 |
| CNTRL4 | 3 | M | 0.0000 | 6 | 12 | Y | 8 | 6 | 0 | 0 | 0 | 0 | 9 | 6 |
| CNTRL4 | 3 | M | 0.0000 | 7 | 13 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 3 | M | 0.0000 | 7 | 14 | Y | 8 | 3 | 0 | 0 | 2 | 0 | 9 | 3 |
| CNTRL4 | 3 | M | 0.0000 | 8 | 15 | Y | 8 | 4 | 0 | 0 | 1 | 0 | 8 | 4 |
| CNTRL4 | 3 | M | 0.0000 | 8 | 16 | Y | 6 | 3 | 0 | 1 | 0 | 0 | 8 | 3 |
| CNTRL4 | 3 | M | 0.0000 | 9 | 17 | Y | 4 | 4 | 1 | 0 | 2 | 1 | 5 | 4 |
| CNTRL4 | 3 | M | 0.0000 | 9 | 18 | Y | 5 | 7 | 0 | 0 | 1 | 0 | 5 | 8 |
| CNTRL4 | 3 | M | 0.0000 | 10 | 19 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 3 | M | 0.0000 | 10 | 20 | Y | 6 | 4 | 1 | 0 | 0 | 0 | 6 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 3 | M | .0300 | 11 | 21 | Y | 4 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 3 | M | .0300 | 11 | 22 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 3 | M | .0300 | 12 | 23 | Y | 10 | 3 | 0 | 0 | 0 | 0 | 10 | 3 |
| 71-4 | 3 | M | .0300 | 12 | 24 | Y | 5 | 9 | 1 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 3 | M | .0300 | 13 | 25 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 11 | 4 |
| 71-4 | 3 | M | .0300 | 13 | 26 | Y | 4 | 7 | 0 | 0 | 1 | 0 | 4 | 9 |
| 71-4 | 3 | M | .0300 | 14 | 27 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 3 | M | .0300 | 14 | 28 | Y | 7 | 5 | 0 | 0 | 1 | 2 | 7 | 5 |
| 71-4 | 3 | M | .0300 | 15 | 29 | Y | 3 | 8 | 0 | 0 | 0 | 0 | 3 | 8 |
| 71-4 | 3 | M | .0300 | 15 | 30 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 3 | M | .0300 | 16 | 31 | Y | 6 | 9 | 0 | 0 | 0 | 0 | 6 | 9 |
| 71-4 | 3 | M | .0300 | 16 | 32 | Y | 4 | 8 | 0 | 1 | 1 | 2 | 5 | 9 |
| 71-4 | 3 | M | .0300 | 17 | 33 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 3 | M | .0300 | 17 | 34 | Y | 7 | 6 | 1 | 2 | 1 | 0 | 8 | 7 |
| 71-4 | 3 | M | .0300 | 18 | 35 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 3 | M | .0300 | 18 | 36 | Y | 7 | 6 | 1 | 0 | 1 | 2 | 7 | 6 |
| 71-4 | 3 | M | .0300 | 19 | 37 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 4 | 7 |
| 71-4 | 3 | M | .0300 | 19 | 38 | Y | 6 | 7 | 2 | 1 | 0 | 0 | 7 | 7 |
| 71-4 | 3 | M | .0300 | 20 | 39 | Y | 7 | 7 | 0 | 0 | 1 | 0 | 7 | 7 |
| 71-4 | 3 | M | .0300 | 20 | 40 | Y | 2 | 9 | 0 | 0 | 1 | 0 | 4 | 9 |
| 71-4 | 3 | M | 2.5000 | 21 | 41 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 10 | 6 |
| 71-4 | 3 | M | 2.5000 | 21 | 42 | Y | 7 | 3 | 0 | 0 | 0 | 0 | 7 | 4 |
| 71-4 | 3 | M | 2.5000 | 22 | 43 | Y | 3 | 7 | 0 | 0 | 0 | 0 | 3 | 7 |
| 71-4 | 3 | M | 2.5000 | 22 | 44 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 12 | 10 |
| 71-4 | 3 | M | 2.5000 | 23 | 45 | Y | 9 | 6 | 0 | 0 | 0 | 0 | 9 | 6 |
| 71-4 | 3 | M | 2.5000 | 23 | 46 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 3 | M | 2.5000 | 24 | 47 | Y | 3 | 5 | 0 | 1 | 0 | 0 | 3 | 9 |
| 71-4 | 3 | M | 2.5000 | 24 | 48 | Y | 8 | 6 | 1 | 0 | 0 | 0 | 8 | 6 |
| 71-4 | 3 | M | 2.5000 | 25 | 49 | Y | 7 | 7 | 0 | 1 | 0 | 0 | 8 | 7 |
| 71-4 | 3 | M | 2.5000 | 25 | 50 | Y | 4 | 8 | 0 | 0 | 1 | 1 | 4 | 8 |
| 71-4 | 3 | M | 2.5000 | 26 | 51 | Y | 8 | 4 | 0 | 0 | 1 | 0 | 8 | 8 |
| 71-4 | 3 | M | 2.5000 | 26 | 52 | Y | 5 | 5 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 3 | M | 2.5000 | 27 | 53 | Y | 7 | 6 | 0 | 1 | 0 | 0 | 10 | 6 |
| 71-4 | 3 | M | 2.5000 | 27 | 54 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 3 | M | 2.5000 | 28 | 55 | Y | 5 | 5 | 0 | 0 | 2 | 0 | 5 | 6 |
| 71-4 | 3 | M | 2.5000 | 28 | 56 | Y | 5 | 9 | 0 | 0 | 0 | 1 | 5 | 9 |
| 71-4 | 3 | M | 2.5000 | 29 | 57 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 3 | M | 2.5000 | 29 | 58 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 3 | M | 2.5000 | 30 | 59 | Y | 3 | 8 | 0 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 3 | M | 2.5000 | 30 | 60 | Y | 7 | 5 | 1 | 0 | 0 | 0 | 8 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 3 | M | 5.0000 | 31 | 61 | Y | 4 | 5 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 3 | M | 5.0000 | 31 | 62 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 8 | 6 |
| 71-4 | 3 | M | 5.0000 | 32 | 63 | Y | 5 | 5 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 3 | M | 5.0000 | 32 | 64 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 8 | 4 |
| 71-4 | 3 | M | 5.0000 | 33 | 65 | Y | 8 | 3 | 2 | 0 | 1 | 0 | 8 | 3 |
| 71-4 | 3 | M | 5.0000 | 33 | 66 | Y | 9 | 4 | 0 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 3 | M | 5.0000 | 34 | 67 | Y | 4 | 7 | 0 | 0 | 0 | 0 | 4 | 7 |
| 71-4 | 3 | M | 5.0000 | 34 | 68 | Y | 6 | 7 | 0 | 0 | 1 | 0 | 6 | 7 |
| 71-4 | 3 | M | 5.0000 | 35 | 69 | Y | 7 | 3 | 0 | 0 | 0 | 0 | 7 | 4 |
| 71-4 | 3 | M | 5.0000 | 35 | 70 | Y | 5 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 3 | M | 5.0000 | 36 | 71 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 3 | M | 5.0000 | 36 | 72 | Y | 8 | 6 | 0 | 0 | 1 | 0 | 8 | 6 |
| 71-4 | 3 | M | 5.0000 | 37 | 73 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 3 | M | 5.0000 | 37 | 74 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 3 | M | 5.0000 | 38 | 75 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 3 | M | 5.0000 | 38 | 76 | Y | 7 | 4 | 0 | 0 | 1 | 0 | 8 | 5 |
| 71-4 | 3 | M | 5.0000 | 39 | 77 | Y | 3 | 9 | 0 | 0 | 0 | 0 | 3 | 9 |
| 71-4 | 3 | M | 5.0000 | 39 | 78 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 3 | M | 5.0000 | 40 | 79 | Y | 7 | 1 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 3 | M | 5.0000 | 40 | 80 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNTRL4 | 4 | S | 0.0000 | 1 | 1 | Y | 2 | 1 | 0 | 0 | 0 | 0 | 6 | 7 |
| CNTRL4 | 4 | S | 0.0000 | 1 | 2 | Y | 9 | 7 | 0 | 0 | 0 | 0 | 9 | 7 |
| CNTRL4 | 4 | S | 0.0000 | 2 | 3 | Y | 7 | 5 | 0 | 0 | 0 | 1 | 7 | 6 |
| CNTRL4 | 4 | S | 0.0000 | 2 | 4 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 4 | S | 0.0000 | 3 | 5 | Y | 5 | 2 | 0 | 0 | 1 | 2 | 4 | 8 |
| CNTRL4 | 4 | S | 0.0000 | 3 | 6 | Y | 8 | 6 | 0 | 0 | 0 | 2 | 8 | 6 |
| CNTRL4 | 4 | S | 0.0000 | 4 | 7 | Y | 4 | 7 | 0 | 0 | 0 | 0 | 4 | 9 |
| CNTRL4 | 4 | S | 0.0000 | 4 | 8 | Y | 2 | 0 | 0 | 0 | 0 | 0 | 8 | 5 |
| CNTRL4 | 4 | S | 0.0000 | 5 | 9 | Y | 5 | 8 | 0 | 0 | 1 | 2 | 7 | 8 |
| CNTRL4 | 4 | S | 0.0000 | 5 | 10 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| CNTRL4 | 4 | S | 0.0000 | 6 | 11 | Y | 8 | 3 | 0 | 0 | 0 | 0 | 8 | 4 |
| CNTRL4 | 4 | S | 0.0000 | 6 | 12 | Y | 8 | 4 | 0 | 1 | 0 | 0 | 8 | 5 |
| CNTRL4 | 4 | S | 0.0000 | 7 | 13 | Y | 3 | 5 | 0 | 0 | 1 | 0 | 7 | 5 |
| CNTRL4 | 4 | S | 0.0000 | 7 | 14 | Y | 3 | 8 | 0 | 0 | 0 | 0 | 3 | 8 |
| CNTRL4 | 4 | S | 0.0000 | 8 | 15 | Y | 8 | 6 | 0 | 0 | 1 | 0 | 8 | 7 |
| CNTRL4 | 4 | S | 0.0000 | 8 | 16 | Y | 0 | 1 | 0 | 0 | 0 | 0 | 4 | 6 |
| CNTRL4 | 4 | S | 0.0000 | 9 | 17 | Y | 2 | 9 | 0 | 0 | 0 | 1 | 2 | 10 |
| CNTRL4 | 4 | S | 0.0000 | 9 | 18 | Y | 8 | 4 | 0 | 1 | 0 | 0 | 8 | 4 |
| CNTRL4 | 4 | S | 0.0000 | 10 | 19 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| CNTRL4 | 4 | S | 0.0000 | 10 | 20 | Y | 4 | 7 | 0 | 1 | 0 | 0 | 6 | 7 |
| 71-4 | 4 | S | .0300 | 21 | 41 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 4 | S | .0300 | 21 | 42 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 9 |
| 71-4 | 4 | S | .0300 | 22 | 43 | Y | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 5 |
| 71-4 | 4 | S | .0300 | 22 | 44 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 4 | S | .0300 | 23 | 45 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 4 | S | .0300 | 23 | 46 | Y | 9 | 3 | 0 | 0 | 1 | 0 | 9 | 3 |
| 71-4 | 4 | S | .0300 | 24 | 47 | Y | 3 | 7 | 0 | 0 | 0 | 1 | 4 | 8 |
| 71-4 | 4 | S | .0300 | 24 | 48 | Y | 5 | 6 | 0 | 0 | 4 | 0 | 6 | 7 |
| 71-4 | 4 | S | .0300 | 25 | 49 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 4 | S | .0300 | 25 | 50 | Y | 1 | 7 | 0 | 1 | 0 | 0 | 8 | 8 |
| 71-4 | 4 | S | .0300 | 26 | 51 | Y | 8 | 5 | 0 | 0 | 1 | 0 | 8 | 5 |
| 71-4 | 4 | S | .0300 | 26 | 52 | Y | 4 | 0 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 4 | S | .0300 | 27 | 53 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 4 | S | .0300 | 27 | 54 | Y | 5 | 7 | 0 | 0 | 1 | 0 | 5 | 7 |
| 71-4 | 4 | S | .0300 | 28 | 55 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 4 | S | .0300 | 28 | 56 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 4 | S | .0300 | 29 | 57 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 4 | S | .0300 | 29 | 58 | Y | 7 | 6 | 0 | 0 | 1 | 0 | 7 | 6 |
| 71-4 | 4 | S | .0300 | 30 | 59 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 9 |
| 71-4 | 4 | S | .0300 | 30 | 60 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 4 | S | 2.5000 | 31 | 61 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 8 | 6 |
| 71-4 | 4 | S | 2.5000 | 31 | 62 | Y | 5 | 4 | 0 | 2 | 0 | 0 | 9 | 11 |
| 71-4 | 4 | S | 2.5000 | 32 | 63 | Y | 9 | 4 | 0 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 4 | S | 2.5000 | 32 | 64 | Y | 9 | 0 | 0 | 0 | 1 | 0 | 10 | 2 |
| 71-4 | 4 | S | 2.5000 | 33 | 65 | Y | 4 | 8 | 0 | 0 | 0 | 1 | 4 | 10 |
| 71-4 | 4 | S | 2.5000 | 33 | 66 | Y | 6 | 7 | 0 | 1 | 0 | 0 | 7 | 7 |
| 71-4 | 4 | S | 2.5000 | 34 | 67 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 4 | S | 2.5000 | 34 | 68 | Y | 5 | 8 | 0 | 0 | 0 | 1 | 6 | 8 |
| 71-4 | 4 | S | 2.5000 | 35 | 69 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 8 | 6 |
| 71-4 | 4 | S | 2.5000 | 35 | 70 | Y | 6 | 3 | 0 | 0 | 0 | 0 | 6 | 4 |
| 71-4 | 4 | S | 2.5000 | 36 | 71 | Y | 9 | 7 | 0 | 0 | 0 | 1 | 9 | 7 |
| 71-4 | 4 | S | 2.5000 | 36 | 72 | Y | 5 | 5 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 4 | S | 2.5000 | 37 | 73 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 4 | S | 2.5000 | 37 | 74 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 4 | S | 2.5000 | 38 | 75 | Y | 3 | 9 | 0 | 0 | 0 | 0 | 3 | 9 |
| 71-4 | 4 | S | 2.5000 | 38 | 76 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 4 | S | 2.5000 | 39 | 77 | Y | 5 | 5 | 0 | 0 | 2 | 0 | 5 | 8 |
| 71-4 | 4 | S | 2.5000 | 39 | 78 | Y | 9 | 3 | 0 | 0 | 0 | 0 | 9 | 3 |
| 71-4 | 4 | S | 2.5000 | 40 | 79 | Y | 7 | 9 | 0 | 0 | 0 | 0 | 7 | 9 |
| 71-4 | 4 | S | 2.5000 | 40 | 80 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 4 | S | 5.0000 | 41 | 81 | Y | 5 | 5 | 0 | 0 | 3 | 2 | 7 | 6 |
| 71-4 | 4 | S | 5.0000 | 41 | 82 | Y | 9 | 4 | 0 | 0 | 0 | 0 | 9 | 4 |
| 71-4 | 4 | S | 5.0000 | 42 | 83 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 4 | S | 5.0000 | 42 | 84 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 4 | S | 5.0000 | 43 | 85 | Y | 8 | 2 | 1 | 0 | 0 | 0 | 8 | 3 |
| 71-4 | 4 | S | 5.0000 | 43 | 86 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 4 | S | 5.0000 | 44 | 87 | Y | 4 | 7 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 4 | S | 5.0000 | 44 | 88 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 4 | S | 5.0000 | 45 | 89 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 4 | S | 5.0000 | 45 | 90 | Y | 8 | 5 | 0 | 0 | 2 | 2 | 8 | 6 |
| 71-4 | 4 | S | 5.0000 | 46 | 91 | Y | 4 | 4 | 0 | 0 | 0 | 1 | 4 | 8 |
| 71-4 | 4 | S | 5.0000 | 46 | 92 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 4 | S | 5.0000 | 47 | 93 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 4 | S | 5.0000 | 47 | 94 | Y | 4 | 3 | 0 | 0 | 1 | 0 | 8 | 5 |
| 71-4 | 4 | S | 5.0000 | 48 | 95 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 4 | S | 5.0000 | 48 | 96 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 4 | S | 5.0000 | 49 | 97 | Y | 3 | 8 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 4 | S | 5.0000 | 49 | 98 | Y | 7 | 4 | 0 | 0 | 0 | 1 | 7 | 4 |
| 71-4 | 4 | S | 5.0000 | 50 | 99 | Y | 4 | 7 | 0 | 0 | 0 | 0 | 4 | 7 |
| 71-4 | 4 | S | 5.0000 | 50 | 100 | Y | 5 | 4 | 0 | 0 | 0 | 0 | 7 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TEM4 | 4 | S | .0002 | 11 | 21 | Y | 4 | 4 | 0 | 0 | 0 | 2 | 6 | 9 |
| TEM4 | 4 | S | .0002 | 11 | 22 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 4 | S | .0002 | 12 | 23 | Y | 0 | 1 | 0 | 0 | 0 | 1 | 3 | 3 |
| TEM4 | 4 | S | .0002 | 12 | 24 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 4 | S | .0002 | 13 | 25 | Y | 3 | 7 | 0 | 0 | 2 | 5 | 4 | 8 |
| TEM4 | 4 | S | .0002 | 13 | 26 | Y | 3 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| TEM4 | 4 | S | .0002 | 14 | 27 | Y | 1 | 0 | 1 | 0 | 0 | 0 | 9 | 1 |
| TEM4 | 4 | S | .0002 | 14 | 28 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 4 | S | .0002 | 15 | 29 | Y | 2 | 10 | 0 | 0 | 0 | 9 | 2 | 10 |
| TEM4 | 4 | S | .0002 | 15 | 30 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 4 | S | .0002 | 16 | 31 | Y | 2 | 2 | 2 | 2 | 0 | 0 | 4 | 7 |
| TEM4 | 4 | S | .0002 | 16 | 32 | Y | 3 | 5 | 0 | 0 | 3 | 4 | 5 | 6 |
| TEM4 | 4 | S | .0002 | 17 | 33 | Y | 5 | 5 | 0 | 0 | 1 | 0 | 5 | 6 |
| TEM4 | 4 | S | .0002 | 17 | 34 | Y | 1 | 1 | 0 | 0 | 1 | 1 | 5 | 6 |
| TEM4 | 4 | S | .0002 | 18 | 35 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 4 | S | .0002 | 18 | 36 | Y | 4 | 5 | 4 | 5 | 0 | 0 | 7 | 7 |
| TEM4 | 4 | S | .0002 | 19 | 37 | Y | 2 | 3 | 0 | 0 | 0 | 0 | 8 | 3 |
| TEM4 | 4 | S | .0002 | 19 | 38 | Y | 5 | 2 | 1 | 0 | 0 | 0 | 7 | 5 |
| TEM4 | 4 | S | .0002 | 20 | 39 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 4 | S | .0002 | 20 | 40 | Y | 3 | 3 | 3 | 3 | 0 | 0 | 8 | 5 |
| CNTRL4 | 4 | M | 0.0000 | 1 | 1 | Y | 7 | 3 | 0 | 0 | 0 | 1 | 8 | 3 |
| CNTRL4 | 4 | M | 0.0000 | 1 | 2 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| CNTRL4 | 4 | M | 0.0000 | 2 | 3 | Y | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 |
| CNTRL4 | 4 | M | 0.0000 | 2 | 4 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| CNTRL4 | 4 | M | 0.0000 | 3 | 5 | Y | 5 | 7 | 0 | 0 | 0 | 1 | 6 | 7 |
| CNTRL4 | 4 | M | 0.0000 | 3 | 6 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| CNTRL4 | 4 | M | 0.0000 | 4 | 7 | Y | 7 | 5 | 1 | 0 | 3 | 0 | 8 | 5 |
| CNTRL4 | 4 | M | 0.0000 | 4 | 8 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 4 | M | 0.0000 | 5 | 9 | Y | 3 | 6 | 0 | 0 | 0 | 0 | 4 | 6 |
| CNTRL4 | 4 | M | 0.0000 | 5 | 10 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| CNTRL4 | 4 | M | 0.0000 | 6 | 11 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 4 | M | 0.0000 | 6 | 12 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 7 | 4 |
| CNTRL4 | 4 | M | 0.0000 | 7 | 13 | Y | 9 | 7 | 0 | 0 | 1 | 1 | 9 | 7 |
| CNTRL4 | 4 | M | 0.0000 | 7 | 14 | Y | 5 | 6 | 0 | 0 | 2 | 0 | 5 | 7 |
| CNTRL4 | 4 | M | 0.0000 | 8 | 15 | Y | 5 | 7 | 0 | 0 | 0 | 1 | 5 | 8 |
| CNTRL4 | 4 | M | 0.0000 | 8 | 16 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| CNTRL4 | 4 | M | 0.0000 | 9 | 17 | Y | 6 | 6 | 0 | 0 | 0 | 1 | 7 | 8 |
| CNTRL4 | 4 | M | 0.0000 | 9 | 18 | Y | 5 | 6 | 1 | 0 | 1 | 2 | 5 | 6 |
| CNTRL4 | 4 | M | 0.0000 | 10 | 19 | Y | 3 | 7 | 0 | 0 | 0 | 0 | 4 | 7 |
| CNTRL4 | 4 | M | 0.0000 | 10 | 20 | Y | 4 | 6 | 0 | 0 | 0 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 4 | M | .0300 | 11 | 21 | Y | 7 | 5 | 1 | 0 | 1 | 2 | 7 | 6 |
| 71-4 | 4 | M | .0300 | 11 | 22 | Y | 3 | 6 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 4 | M | .0300 | 12 | 23 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 4 | M | .0300 | 12 | 24 | Y | 6 | 10 | 0 | 0 | 0 | 2 | 6 | 11 |
| 71-4 | 4 | M | .0300 | 13 | 25 | Y | 5 | 7 | 0 | 1 | 0 | 0 | 5 | 10 |
| 71-4 | 4 | M | .0300 | 13 | 26 | Y | 5 | 4 | 0 | 0 | 1 | 1 | 5 | 5 |
| 71-4 | 4 | M | .0300 | 14 | 27 | Y | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 4 | M | .0300 | 14 | 28 | Y | 5 | 5 | 0 | 1 | 2 | 2 | 6 | 5 |
| 71-4 | 4 | M | .0300 | 15 | 29 | Y | 6 | 6 | 2 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 4 | M | .0300 | 15 | 30 | Y | 6 | 6 | 0 | 0 | 0 | 1 | 6 | 6 |
| 71-4 | 4 | M | .0300 | 16 | 31 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 4 | M | .0300 | 16 | 32 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 4 | M | .0300 | 17 | 33 | Y | 6 | 6 | 3 | 2 | 0 | 0 | 6 | 6 |
| 71-4 | 4 | M | .0300 | 17 | 34 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 4 | M | .0300 | 18 | 35 | Y | 9 | 5 | 0 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 4 | M | .0300 | 18 | 36 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 4 | M | .0300 | 19 | 37 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 4 | M | .0300 | 19 | 38 | Y | 9 | 4 | 1 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 4 | M | .0300 | 20 | 39 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 4 | M | .0300 | 20 | 40 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 4 | M | 2.5000 | 21 | 41 | Y | 8 | 5 | 0 | 0 | 2 | 0 | 8 | 5 |
| 71-4 | 4 | M | 2.5000 | 21 | 42 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 4 | M | 2.5000 | 22 | 43 | Y | 4 | 7 | 0 | 0 | 1 | 0 | 4 | 7 |
| 71-4 | 4 | M | 2.5000 | 22 | 44 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 4 | M | 2.5000 | 23 | 45 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 8 | 6 |
| 71-4 | 4 | M | 2.5000 | 23 | 46 | Y | 7 | 5 | 1 | 0 | 2 | 0 | 7 | 5 |
| 71-4 | 4 | M | 2.5000 | 24 | 47 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 4 | M | 2.5000 | 24 | 48 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 5 | 10 |
| 71-4 | 4 | M | 2.5000 | 25 | 49 | Y | 3 | 7 | 0 | 0 | 0 | 1 | 3 | 8 |
| 71-4 | 4 | M | 2.5000 | 25 | 50 | Y | 5 | 6 | 0 | 0 | 0 | 2 | 5 | 6 |
| 71-4 | 4 | M | 2.5000 | 26 | 51 | Y | 7 | 5 | 1 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 4 | M | 2.5000 | 26 | 52 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 4 | M | 2.5000 | 27 | 53 | Y | 8 | 7 | 1 | 1 | 1 | 0 | 8 | 7 |
| 71-4 | 4 | M | 2.5000 | 27 | 54 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 4 | M | 2.5000 | 28 | 55 | Y | 3 | 5 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 4 | M | 2.5000 | 28 | 56 | Y | 8 | 6 | 2 | 1 | 0 | 0 | 8 | 7 |
| 71-4 | 4 | M | 2.5000 | 29 | 57 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 4 | M | 2.5000 | 29 | 58 | Y | 6 | 0 | 3 | 0 | 0 | 0 | 9 | 1 |
| 71-4 | 4 | M | 2.5000 | 30 | 59 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 7 | 8 |
| 71-4 | 4 | M | 2.5000 | 30 | 60 | Y | 9 | 7 | 1 | 0 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 4 | M | 5.0000 | 31 | 61 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 4 | M | 5.0000 | 31 | 62 | Y | 6 | 9 | 0 | 0 | 0 | 0 | 6 | 9 |
| 71-4 | 4 | M | 5.0000 | 32 | 63 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 4 | M | 5.0000 | 32 | 64 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 4 | M | 5.0000 | 33 | 65 | Y | 4 | 8 | 0 | 0 | 0 | 1 | 4 | 8 |
| 71-4 | 4 | M | 5.0000 | 33 | 66 | Y | 5 | 6 | 2 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 4 | M | 5.0000 | 34 | 67 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 4 | 6 |
| 71-4 | 4 | M | 5.0000 | 34 | 68 | Y | 9 | 2 | 0 | 0 | 0 | 0 | 9 | 3 |
| 71-4 | 4 | M | 5.0000 | 35 | 69 | Y | 8 | 4 | 0 | 0 | 1 | 0 | 8 | 4 |
| 71-4 | 4 | M | 5.0000 | 35 | 70 | Y | 6 | 6 | 0 | 0 | 1 | 1 | 6 | 6 |
| 71-4 | 4 | M | 5.0000 | 36 | 71 | Y | 5 | 7 | 0 | 1 | 1 | 0 | 5 | 7 |
| 71-4 | 4 | M | 5.0000 | 36 | 72 | Y | 6 | 8 | 0 | 0 | 1 | 0 | 7 | 8 |
| 71-4 | 4 | M | 5.0000 | 37 | 73 | Y | 2 | 8 | 0 | 0 | 0 | 0 | 3 | 9 |
| 71-4 | 4 | M | 5.0000 | 37 | 74 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 4 | M | 5.0000 | 38 | 75 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 4 | M | 5.0000 | 38 | 76 | Y | 7 | 8 | 0 | 0 | 0 | 0 | 7 | 8 |
| 71-4 | 4 | M | 5.0000 | 39 | 77 | Y | 7 | 6 | 0 | 1 | 0 | 0 | 8 | 6 |
| 71-4 | 4 | M | 5.0000 | 39 | 78 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 4 | M | 5.0000 | 40 | 79 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 4 | M | 5.0000 | 40 | 80 | Y | 6 | 8 | 1 | 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNTRL4 | 5 | S | 0.0000 | 1 | 1 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 5 | S | 0.0000 | 1 | 2 | Y | 8 | 4 | 0 | 0 | 1 | 0 | 8 | 5 |
| CNTRL4 | 5 | S | 0.0000 | 2 | 3 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 10 |
| CNTRL4 | 5 | S | 0.0000 | 2 | 4 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 6 |
| CNTRL4 | 5 | S | 0.0000 | 3 | 5 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 5 | S | 0.0000 | 3 | 6 | Y | 4 | 7 | 0 | 0 | 0 | 0 | 4 | 10 |
| CNTRL4 | 5 | S | 0.0000 | 4 | 7 | Y | 8 | 5 | 0 | 1 | 0 | 0 | 8 | 6 |
| CNTRL4 | 5 | S | 0.0000 | 4 | 8 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| CNTRL4 | 5 | S | 0.0000 | 5 | 9 | Y | 5 | 0 | 0 | 0 | 0 | 0 | 7 | 3 |
| CNTRL4 | 5 | S | 0.0000 | 5 | 10 | Y | 0 | 2 | 0 | 2 | 0 | 0 | 6 | 2 |
| CNTRL4 | 5 | S | 0.0000 | 6 | 11 | Y | 1 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| CNTRL4 | 5 | S | 0.0000 | 6 | 12 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| CNTRL4 | 5 | S | 0.0000 | 7 | 13 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| CNTRL4 | 5 | S | 0.0000 | 7 | 14 | Y | 10 | 4 | 0 | 0 | 0 | 0 | 10 | 4 |
| CNTRL4 | 5 | S | 0.0000 | 8 | 15 | Y | 6 | 2 | 0 | 0 | 0 | 0 | 9 | 5 |
| CNTRL4 | 5 | S | 0.0000 | 8 | 16 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 5 | S | 0.0000 | 9 | 17 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| CNTRL4 | 5 | S | 0.0000 | 9 | 18 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| CNTRL4 | 5 | S | 0.0000 | 10 | 19 | Y | 2 | 6 | 2 | 2 | 0 | 0 | 5 | 6 |
| CNTRL4 | 5 | S | 0.0000 | 10 | 20 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | S | .0300 | 21 | 41 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 5 | S | .0300 | 21 | 42 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | S | .0300 | 22 | 43 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | S | .0300 | 22 | 44 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | S | .0300 | 23 | 45 | Y | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 5 | S | .0300 | 23 | 46 | Y | 6 | 7 | 0 | 1 | 0 | 0 | 6 | 9 |
| 71-4 | 5 | S | .0300 | 24 | 47 | Y | 6 | 6 | 1 | 0 | 0 | 0 | 6 | 10 |
| 71-4 | 5 | S | .0300 | 24 | 48 | Y | 7 | 5 | 0 | 1 | 0 | 1 | 7 | 5 |
| 71-4 | 5 | S | .0300 | 25 | 49 | Y | 1 | 3 | 0 | 0 | 0 | 0 | 9 | 3 |
| 71-4 | 5 | S | .0300 | 25 | 50 | Y | 4 | 6 | 0 | 1 | 0 | 0 | 5 | 7 |
| 71-4 | 5 | S | .0300 | 26 | 51 | Y | 2 | 6 | 1 | 0 | 0 | 0 | 6 | 4 |
| 71-4 | 5 | S | .0300 | 26 | 52 | Y | 8 | 7 | 0 | 0 | 0 | 0 | 8 | 7 |
| 71-4 | 5 | S | .0300 | 27 | 53 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 5 | S | .0300 | 27 | 54 | Y | 3 | 10 | 0 | 2 | 0 | 2 | 3 | 10 |
| 71-4 | 5 | S | .0300 | 28 | 55 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | S | .0300 | 28 | 56 | Y | 7 | 7 | 0 | 1 | 0 | 0 | 7 | 7 |
| 71-4 | 5 | S | .0300 | 29 | 57 | Y | 5 | 7 | 1 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 5 | S | .0300 | 29 | 58 | Y | 6 | 7 | 0 | 0 | 1 | 2 | 6 | 7 |
| 71-4 | 5 | S | .0300 | 30 | 59 | Y | 5 | 5 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 5 | S | .0300 | 30 | 60 | Y | 7 | 6 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 5 | S | 2.5000 | 31 | 61 | Y | 8 | 3 | 0 | 0 | 0 | 0 | 9 | 3 |
| 71-4 | 5 | S | 2.5000 | 31 | 62 | Y | 9 | 4 | 0 | 0 | 1 | 0 | 9 | 4 |
| 71-4 | 5 | S | 2.5000 | 32 | 63 | Y | 4 | 9 | 1 | 4 | 0 | 0 | 4 | 9 |
| 71-4 | 5 | S | 2.5000 | 32 | 64 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | S | 2.5000 | 33 | 65 | Y | 8 | 3 | 0 | 0 | 0 | 0 | 8 | 3 |
| 71-4 | 5 | S | 2.5000 | 33 | 66 | Y | 6 | 5 | 0 | 0 | 0 | 1 | 6 | 5 |
| 71-4 | 5 | S | 2.5000 | 34 | 67 | Y | 3 | 7 | 1 | 1 | 0 | 0 | 3 | 7 |
| 71-4 | 5 | S | 2.5000 | 34 | 68 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | S | 2.5000 | 35 | 69 | Y | 5 | 6 | 0 | 1 | 0 | 0 | 5 | 7 |
| 71-4 | 5 | S | 2.5000 | 35 | 70 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 5 | S | 2.5000 | 36 | 71 | Y | 5 | 9 | 0 | 0 | 0 | 0 | 6 | 9 |
| 71-4 | 5 | S | 2.5000 | 36 | 72 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 5 | S | 2.5000 | 37 | 73 | Y | 4 | 5 | 1 | 0 | 2 | 1 | 5 | 5 |
| 71-4 | 5 | S | 2.5000 | 37 | 74 | Y | 9 | 5 | 0 | 1 | 0 | 0 | 10 | 5 |
| 71-4 | 5 | S | 2.5000 | 38 | 75 | Y | 4 | 5 | 0 | 1 | 0 | 0 | 4 | 5 |
| 71-4 | 5 | S | 2.5000 | 38 | 76 | Y | 5 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 5 | S | 2.5000 | 39 | 77 | Y | 1 | 4 | 0 | 0 | 1 | 0 | 6 | 9 |
| 71-4 | 5 | S | 2.5000 | 39 | 78 | Y | 5 | 8 | 0 | 0 | 0 | 1 | 5 | 8 |
| 71-4 | 5 | S | 2.5000 | 40 | 79 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 5 | S | 2.5000 | 40 | 80 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | S | 5.0000 | 41 | 81 | Y | 5 | 7 | 0 | 1 | 0 | 0 | 5 | 8 |
| 71-4 | 5 | S | 5.0000 | 41 | 82 | Y | 5 | 2 | 1 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 5 | S | 5.0000 | 42 | 83 | Y | 2 | 8 | 0 | 0 | 0 | 0 | 2 | 13 |
| 71-4 | 5 | S | 5.0000 | 42 | 84 | Y | 4 | 11 | 0 | 0 | 0 | 2 | 5 | 11 |
| 71-4 | 5 | S | 5.0000 | 43 | 85 | Y | 7 | 6 | 1 | 0 | 0 | 1 | 7 | 6 |
| 71-4 | 5 | S | 5.0000 | 43 | 86 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 8 | 9 |
| 71-4 | 5 | S | 5.0000 | 44 | 87 | Y | 5 | 6 | 1 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 5 | S | 5.0000 | 44 | 88 | Y | 4 | 3 | 0 | 0 | 1 | 0 | 5 | 6 |
| 71-4 | 5 | S | 5.0000 | 45 | 89 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | S | 5.0000 | 45 | 90 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | S | 5.0000 | 46 | 91 | Y | 3 | 8 | 0 | 0 | 0 | 0 | 3 | 8 |
| 71-4 | 5 | S | 5.0000 | 46 | 92 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 5 | S | 5.0000 | 47 | 93 | Y | 2 | 7 | 1 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 5 | S | 5.0000 | 47 | 94 | Y | 4 | 8 | 0 | 0 | 1 | 1 | 4 | 8 |
| 71-4 | 5 | S | 5.0000 | 48 | 95 | Y | 6 | 6 | 0 | 1 | 0 | 1 | 6 | 7 |
| 71-4 | 5 | S | 5.0000 | 48 | 96 | Y | 0 | 3 | 0 | 0 | 0 | 0 | 4 | 7 |
| 71-4 | 5 | S | 5.0000 | 49 | 97 | Y | 0 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 5 | S | 5.0000 | 49 | 98 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 8 | 4 |
| 71-4 | 5 | S | 5.0000 | 50 | 99 | Y | 4 | 7 | 1 | 0 | 0 | 0 | 4 | 7 |
| 71-4 | 5 | S | 5.0000 | 50 | 100 | Y | 6 | 2 | 0 | 0 | 0 | 0 | 9 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TEM4 | 5 | S | .0002 | 11 | 21 | Y | 7 | 3 | 1 | 1 | 0 | 0 | 8 | 3 |
| TEM4 | 5 | S | .0002 | 11 | 22 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| TEM4 | 5 | S | .0002 | 12 | 23 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 5 | S | .0002 | 12 | 24 | Y | 7 | 7 | 2 | 2 | 0 | 0 | 8 | 8 |
| TEM4 | 5 | S | .0002 | 13 | 25 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 6 |
| TEM4 | 5 | S | .0002 | 13 | 26 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 8 | 7 |
| TEM4 | 5 | S | .0002 | 14 | 27 | Y | 5 | 6 | 1 | 2 | 0 | 0 | 6 | 7 |
| TEM4 | 5 | S | .0002 | 14 | 28 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 6 | 8 |
| TEM4 | 5 | S | .0002 | 15 | 29 | Y | 4 | 4 | 0 | 0 | 1 | 3 | 7 | 6 |
| TEM4 | 5 | S | .0002 | 15 | 30 | Y | 8 | 4 | 6 | 3 | 0 | 0 | 8 | 4 |
| TEM4 | 5 | S | .0002 | 16 | 31 | Y | 7 | 8 | 3 | 1 | 0 | 0 | 7 | 8 |
| TEM4 | 5 | S | .0002 | 16 | 32 | Y | 4 | 7 | 3 | 3 | 0 | 1 | 4 | 7 |
| TEM4 | 5 | S | .0002 | 17 | 33 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 5 | S | .0002 | 17 | 34 | Y | 3 | 9 | 2 | 3 | 0 | 2 | 5 | 9 |
| TEM4 | 5 | S | .0002 | 18 | 35 | Y | 2 | 10 | 1 | 5 | 0 | 0 | 2 | 10 |
| TEM4 | 5 | S | .0002 | 18 | 36 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 8 |
| TEM4 | 5 | S | .0002 | 19 | 37 | Y | 3 | 5 | 2 | 3 | 0 | 0 | 4 | 9 |
| TEM4 | 5 | S | .0002 | 19 | 38 | Y | 7 | 2 | 7 | 2 | 0 | 0 | 8 | 5 |
| TEM4 | 5 | S | .0002 | 20 | 39 | Y | 9 | 4 | 0 | 1 | 0 | 0 | 9 | 6 |
| TEM4 | 5 | S | .0002 | 20 | 40 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 5 | M | 0.0000 | 1 | 1 | Y | 6 | 8 | 0 | 0 | 1 | 0 | 6 | 8 |
| CNTRL4 | 5 | M | 0.0000 | 1 | 2 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 5 | M | 0.0000 | 2 | 3 | Y | 3 | 9 | 0 | 1 | 0 | 0 | 3 | 9 |
| CNTRL4 | 5 | M | 0.0000 | 2 | 4 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 5 | M | 0.0000 | 3 | 5 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| CNTRL4 | 5 | M | 0.0000 | 3 | 6 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 5 | M | 0.0000 | 4 | 7 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 5 | M | 0.0000 | 4 | 8 | Y | 7 | 5 | 1 | 0 | 0 | 0 | 8 | 6 |
| CNTRL4 | 5 | M | 0.0000 | 5 | 9 | Y | 12 | 1 | 0 | 0 | 0 | 0 | 12 | 7 |
| CNTRL4 | 5 | M | 0.0000 | 5 | 10 | Y | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 9 |
| CNTRL4 | 5 | M | 0.0000 | 6 | 11 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| CNTRL4 | 5 | M | 0.0000 | 6 | 12 | Y | 6 | 6 | 0 | 1 | 0 | 0 | 6 | 6 |
| CNTRL4 | 5 | M | 0.0000 | 7 | 13 | Y | 6 | 7 | 0 | 0 | 0 | 1 | 6 | 7 |
| CNTRL4 | 5 | M | 0.0000 | 7 | 14 | Y | 9 | 7 | 1 | 0 | 0 | 0 | 9 | 7 |
| CNTRL4 | 5 | M | 0.0000 | 8 | 15 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 5 | M | 0.0000 | 8 | 16 | Y | 9 | 3 | 1 | 0 | 0 | 0 | 9 | 3 |
| CNTRL4 | 5 | M | 0.0000 | 9 | 17 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 5 | M | 0.0000 | 9 | 18 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 4 | 6 |
| CNTRL4 | 5 | M | 0.0000 | 10 | 19 | Y | 7 | 5 | 1 | 1 | 0 | 0 | 7 | 5 |
| CNTRL4 | 5 | M | 0.0000 | 10 | 20 | Y | 6 | 4 | 0 | 0 | 0 | 0 | 7 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 5 | M | .0300 | 11 | 21 | Y | 5 | 9 | 1 | 0 | 2 | 3 | 6 | 10 |
| 71-4 | 5 | M | .0300 | 11 | 22 | Y | 7 | 6 | 0 | 0 | 1 | 0 | 7 | 6 |
| 71-4 | 5 | M | .0300 | 12 | 23 | Y | 6 | 4 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 5 | M | .0300 | 12 | 24 | Y | 4 | 9 | 1 | 0 | 0 | 0 | 4 | 10 |
| 71-4 | 5 | M | .0300 | 13 | 25 | Y | 6 | 4 | 0 | 0 | 0 | 0 | 6 | 4 |
| 71-4 | 5 | M | .0300 | 13 | 26 | Y | 3 | 0 | 2 | 0 | 0 | 0 | 9 | 1 |
| 71-4 | 5 | M | .0300 | 14 | 27 | Y | 6 | 5 | 1 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 5 | M | .0300 | 14 | 28 | Y | 4 | 9 | 0 | 0 | 1 | 0 | 4 | 9 |
| 71-4 | 5 | M | .0300 | 15 | 29 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 5 | M | .0300 | 15 | 30 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 5 | M | .0300 | 16 | 31 | Y | 7 | 2 | 0 | 0 | 0 | 0 | 7 | 4 |
| 71-4 | 5 | M | .0300 | 16 | 32 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 5 | M | .0300 | 17 | 33 | Y | 9 | 5 | 0 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 5 | M | .0300 | 17 | 34 | Y | 7 | 5 | 0 | 0 | 0 | 1 | 7 | 5 |
| 71-4 | 5 | M | .0300 | 18 | 35 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | M | .0300 | 18 | 36 | Y | 5 | 5 | 0 | 1 | 2 | 0 | 6 | 5 |
| 71-4 | 5 | M | .0300 | 19 | 37 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 5 | M | .0300 | 19 | 38 | Y | 5 | 7 | 0 | 0 | 1 | 1 | 5 | 7 |
| 71-4 | 5 | M | .0300 | 20 | 39 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | M | .0300 | 20 | 40 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 5 | M | 2.5000 | 21 | 41 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 7 | 4 |
| 71-4 | 5 | M | 2.5000 | 21 | 42 | Y | 6 | 4 | 0 | 0 | 0 | 1 | 6 | 4 |
| 71-4 | 5 | M | 2.5000 | 22 | 43 | Y | 2 | 10 | 0 | 0 | 0 | 0 | 3 | 10 |
| 71-4 | 5 | M | 2.5000 | 22 | 44 | Y | 5 | 8 | 1 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 5 | M | 2.5000 | 23 | 45 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 5 | M | 2.5000 | 23 | 46 | Y | 6 | 8 | 0 | 1 | 0 | 0 | 6 | 8 |
| 71-4 | 5 | M | 2.5000 | 24 | 47 | Y | 4 | 9 | 1 | 0 | 0 | 1 | 4 | 9 |
| 71-4 | 5 | M | 2.5000 | 24 | 48 | Y | 5 | 6 | 0 | 0 | 1 | 0 | 6 | 6 |
| 71-4 | 5 | M | 2.5000 | 25 | 49 | Y | 7 | 5 | 0 | 0 | 2 | 0 | 7 | 5 |
| 71-4 | 5 | M | 2.5000 | 25 | 50 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 7 | 8 |
| 71-4 | 5 | M | 2.5000 | 26 | 51 | Y | 4 | 2 | 1 | 1 | 0 | 1 | 5 | 5 |
| 71-4 | 5 | M | 2.5000 | 26 | 52 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | M | 2.5000 | 27 | 53 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 5 | M | 2.5000 | 27 | 54 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 5 | M | 2.5000 | 28 | 55 | Y | 6 | 1 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 5 | M | 2.5000 | 28 | 56 | Y | 6 | 9 | 0 | 0 | 0 | 0 | 6 | 9 |
| 71-4 | 5 | M | 2.5000 | 29 | 57 | Y | 6 | 7 | 0 | 0 | 0 | 1 | 6 | 7 |
| 71-4 | 5 | M | 2.5000 | 29 | 58 | Y | 7 | 8 | 0 | 0 | 1 | 3 | 7 | 8 |
| 71-4 | 5 | M | 2.5000 | 30 | 59 | Y | 5 | 1 | 0 | 0 | 1 | 0 | 5 | 1 |
| 71-4 | 5 | M | 2.5000 | 30 | 60 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 9 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 5 | M | 5.0000 | 31 | 61 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 5 | M | 5.0000 | 31 | 62 | Y | 3 | 8 | 0 | 0 | 0 | 0 | 3 | 8 |
| 71-4 | 5 | M | 5.0000 | 32 | 63 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 5 | M | 5.0000 | 32 | 64 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 5 | M | 5.0000 | 33 | 65 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 5 | M | 5.0000 | 33 | 66 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | M | 5.0000 | 34 | 67 | Y | 4 | 10 | 1 | 0 | 0 | 0 | 4 | 10 |
| 71-4 | 5 | M | 5.0000 | 34 | 68 | Y | 5 | 8 | 0 | 1 | 0 | 0 | 5 | 8 |
| 71-4 | 5 | M | 5.0000 | 35 | 69 | Y | 3 | 11 | 0 | 0 | 0 | 0 | 3 | 12 |
| 71-4 | 5 | M | 5.0000 | 35 | 70 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 5 | M | 5.0000 | 36 | 71 | Y | 4 | 7 | 0 | 0 | 1 | 2 | 6 | 8 |
| 71-4 | 5 | M | 5.0000 | 36 | 72 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 5 | M | 5.0000 | 37 | 73 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 5 | M | 5.0000 | 37 | 74 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 5 | M | 5.0000 | 38 | 75 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 5 | M | 5.0000 | 38 | 76 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 5 | M | 5.0000 | 39 | 77 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 5 | M | 5.0000 | 39 | 78 | Y | 1 | 1 | 0 | 0 | 0 | 0 | 4 | 6 |
| 71-4 | 5 | M | 5.0000 | 40 | 79 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 5 | M | 5.0000 | 40 | 80 | Y | 9 | 4 | 1 | 0 | 0 | 0 | 9 | 5 |

DOMINANT LETHAL GENE STUDY OF COMPOUND 71-4 SACCHARIN (INSOLUBLE)

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNTRL4 | 6 | S | 0.0000 | 1 | 1 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 6 | S | 0.0000 | 1 | 2 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 6 | S | 0.0000 | 2 | 3 | Y | 7 | 6 | 0 | 0 | 1 | 0 | 8 | 6 |
| CNTRL4 | 6 | S | 0.0000 | 2 | 4 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| CNTRL4 | 6 | S | 0.0000 | 3 | 5 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 6 | S | 0.0000 | 3 | 6 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 6 | S | 0.0000 | 4 | 7 | Y | 4 | 7 | 0 | 0 | 0 | 0 | 4 | 7 |
| CNTRL4 | 6 | S | 0.0000 | 4 | 8 | Y | 5 | 7 | 0 | 1 | 0 | 0 | 5 | 7 |
| CNTRL4 | 6 | S | 0.0000 | 5 | 9 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 6 | S | 0.0000 | 5 | 10 | Y | 5 | 10 | 0 | 0 | 0 | 1 | 5 | 10 |
| CNTRL4 | 6 | S | 0.0000 | 6 | 11 | Y | 1 | 2 | 0 | 1 | 0 | 0 | 7 | 5 |
| CNTRL4 | 6 | S | 0.0000 | 6 | 12 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 6 | S | 0.0000 | 7 | 13 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| CNTRL4 | 6 | S | 0.0000 | 7 | 14 | Y | 3 | 8 | 1 | 3 | 0 | 0 | 4 | 8 |
| CNTRL4 | 6 | S | 0.0000 | 8 | 15 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 6 | S | 0.0000 | 8 | 16 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 6 | S | 0.0000 | 9 | 17 | Y | 9 | 7 | 0 | 0 | 1 | 1 | 9 | 7 |
| CNTRL4 | 6 | S | 0.0000 | 9 | 18 | Y | 8 | 7 | 0 | 0 | 0 | 0 | 8 | 7 |
| CNTRL4 | 6 | S | 0.0000 | 10 | 19 | Y | 8 | 6 | 0 | 0 | 0 | 1 | 8 | 6 |
| CNTRL4 | 6 | S | 0.0000 | 10 | 20 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 8 | 7 |
| 71-4 | 6 | S | .0300 | 21 | 41 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 10 | 4 |
| 71-4 | 6 | S | .0300 | 21 | 42 | Y | 6 | 6 | 1 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 6 | S | .0300 | 22 | 43 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 6 | S | .0300 | 22 | 44 | Y | 9 | 2 | 0 | 0 | 1 | 0 | 9 | 2 |
| 71-4 | 6 | S | .0300 | 23 | 45 | Y | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 |
| 71-4 | 6 | S | .0300 | 23 | 46 | Y | 6 | 6 | 1 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 6 | S | .0300 | 24 | 47 | Y | 5 | 6 | 1 | 1 | 0 | 0 | 5 | 6 |
| 71-4 | 6 | S | .0300 | 24 | 48 | Y | 8 | 8 | 0 | 0 | 0 | 0 | 8 | 8 |
| 71-4 | 6 | S | .0300 | 25 | 49 | Y | 3 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 6 | S | .0300 | 25 | 50 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 6 | S | .0300 | 26 | 51 | Y | 4 | 7 | 0 | 1 | 0 | 0 | 4 | 7 |
| 71-4 | 6 | S | .0300 | 26 | 52 | Y | 0 | 4 | 0 | 1 | 0 | 0 | 4 | 7 |
| 71-4 | 6 | S | .0300 | 27 | 53 | Y | 3 | 6 | 0 | 0 | 0 | 0 | 3 | 8 |
| 71-4 | 6 | S | .0300 | 27 | 54 | Y | 9 | 5 | 0 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 6 | S | .0300 | 28 | 55 | Y | 8 | 6 | 4 | 3 | 0 | 0 | 8 | 6 |
| 71-4 | 6 | S | .0300 | 28 | 56 | Y | 5 | 8 | 1 | 0 | 0 | 1 | 5 | 8 |
| 71-4 | 6 | S | .0300 | 29 | 57 | Y | 3 | 7 | 0 | 1 | 0 | 0 | 3 | 9 |
| 71-4 | 6 | S | .0300 | 29 | 58 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 6 | S | .0300 | 30 | 59 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 8 | 4 |
| 71-4 | 6 | S | .0300 | 30 | 60 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 6 | S | 2.5000 | 31 | 61 | Y | 10 | 2 | 2 | 0 | 0 | 0 | 10 | 2 |
| 71-4 | 6 | S | 2.5000 | 31 | 62 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 6 | S | 2.5000 | 32 | 63 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 6 | S | 2.5000 | 32 | 64 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 6 | S | 2.5000 | 33 | 65 | Y | 5 | 6 | 0 | 0 | 0 | 1 | 5 | 8 |
| 71-4 | 6 | S | 2.5000 | 33 | 66 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 6 | S | 2.5000 | 34 | 67 | Y | 7 | 2 | 0 | 0 | 0 | 0 | 8 | 4 |
| 71-4 | 6 | S | 2.5000 | 34 | 68 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 6 | S | 2.5000 | 35 | 69 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 6 | S | 2.5000 | 35 | 70 | Y | 9 | 4 | 1 | 1 | 0 | 0 | 9 | 4 |
| 71-4 | 6 | S | 2.5000 | 36 | 71 | Y | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 6 | S | 2.5000 | 36 | 72 | Y | 5 | 5 | 0 | 1 | 0 | 1 | 6 | 5 |
| 71-4 | 6 | S | 2.5000 | 37 | 73 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 6 | S | 2.5000 | 37 | 74 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 6 | S | 2.5000 | 38 | 75 | Y | 4 | 5 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 6 | S | 2.5000 | 38 | 76 | Y | 8 | 6 | 0 | 0 | 0 | 0 | 8 | 6 |
| 71-4 | 6 | S | 2.5000 | 39 | 77 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 6 | S | 2.5000 | 39 | 78 | Y | 5 | 11 | 0 | 0 | 0 | 0 | 5 | 11 |
| 71-4 | 6 | S | 2.5000 | 40 | 79 | Y | 6 | 7 | 0 | 1 | 0 | 0 | 6 | 7 |
| 71-4 | 6 | S | 2.5000 | 40 | 80 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 6 | S | 5.0000 | 41 | 81 | Y | 9 | 7 | 0 | 0 | 0 | 0 | 9 | 7 |
| 71-4 | 6 | S | 5.0000 | 41 | 82 | Y | 6 | 4 | 1 | 0 | 0 | 0 | 7 | 4 |
| 71-4 | 6 | S | 5.0000 | 42 | 83 | Y | 5 | 9 | 1 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 6 | S | 5.0000 | 42 | 84 | Y | 10 | 4 | 1 | 1 | 0 | 0 | 10 | 4 |
| 71-4 | 6 | S | 5.0000 | 43 | 85 | Y | 6 | 8 | 0 | 0 | 3 | 1 | 8 | 9 |
| 71-4 | 6 | S | 5.0000 | 43 | 86 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 4 | 6 |
| 71-4 | 6 | S | 5.0000 | 44 | 87 | Y | 6 | 5 | 0 | 0 | 3 | 2 | 6 | 5 |
| 71-4 | 6 | S | 5.0000 | 44 | 88 | Y | 7 | 9 | 0 | 0 | 0 | 0 | 9 | 9 |
| 71-4 | 6 | S | 5.0000 | 45 | 89 | Y | 10 | 6 | 0 | 0 | 0 | 0 | 12 | 7 |
| 71-4 | 6 | S | 5.0000 | 45 | 90 | Y | 3 | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 6 | S | 5.0000 | 46 | 91 | Y | 7 | 5 | 1 | 1 | 0 | 0 | 7 | 5 |
| 71-4 | 6 | S | 5.0000 | 46 | 92 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 6 | S | 5.0000 | 47 | 93 | Y | 5 | 4 | 0 | 0 | 2 | 2 | 8 | 4 |
| 71-4 | 6 | S | 5.0000 | 47 | 94 | Y | 7 | 7 | 0 | 0 | 2 | 4 | 7 | 7 |
| 71-4 | 6 | S | 5.0000 | 48 | 95 | Y | 8 | 2 | 0 | 0 | 0 | 0 | 8 | 2 |
| 71-4 | 6 | S | 5.0000 | 48 | 96 | Y | 5 | 6 | 0 | 0 | 1 | 0 | 5 | 6 |
| 71-4 | 6 | S | 5.0000 | 49 | 97 | Y | 6 | 6 | 0 | 1 | 2 | 2 | 6 | 6 |
| 71-4 | 6 | S | 5.0000 | 49 | 98 | Y | 5 | 6 | 0 | 0 | 2 | 3 | 6 | 6 |
| 71-4 | 6 | S | 5.0000 | 50 | 99 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 6 | S | 5.0000 | 50 | 100 | Y | 1 | 2 | 0 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TEM4 | 6 | S | .0002 | 11 | 21 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 7 | 7 |
| TEM4 | 6 | S | .0002 | 11 | 22 | Y | 3 | 8 | 0 | 1 | 0 | 0 | 4 | 9 |
| TEM4 | 6 | S | .0002 | 12 | 23 | Y | 6 | 7 | 0 | 0 | 1 | 0 | 6 | 7 |
| TEM4 | 6 | S | .0002 | 12 | 24 | Y | 6 | 4 | 0 | 0 | 0 | 0 | 6 | 4 |
| TEM4 | 6 | S | .0002 | 13 | 25 | Y | 5 | 0 | 0 | 2 | 0 | 0 | 5 | 7 |
| TEM4 | 6 | S | .0002 | 13 | 26 | Y | 5 | 4 | 0 | 0 | 0 | 0 | 6 | 4 |
| TEM4 | 6 | S | .0002 | 14 | 27 | Y | 5 | 9 | 0 | 0 | 0 | 1 | 5 | 10 |
| TEM4 | 6 | S | .0002 | 14 | 28 | Y | 7 | 8 | 0 | 1 | 0 | 0 | 7 | 8 |
| TEM4 | 6 | S | .0002 | 15 | 29 | Y | 6 | 6 | 0 | 0 | 0 | 1 | 6 | 6 |
| TEM4 | 6 | S | .0002 | 15 | 30 | Y | 7 | 3 | 3 | 0 | 0 | 0 | 7 | 3 |
| TEM4 | 6 | S | .0002 | 16 | 31 | Y | 8 | 3 | 0 | 0 | 0 | 0 | 9 | 3 |
| TEM4 | 6 | S | .0002 | 16 | 32 | Y | 3 | 4 | 0 | 1 | 0 | 0 | 5 | 5 |
| TEM4 | 6 | S | .0002 | 17 | 33 | Y | 10 | 4 | 1 | 1 | 0 | 0 | 10 | 4 |
| TEM4 | 6 | S | .0002 | 17 | 34 | Y | 7 | 8 | 1 | 0 | 0 | 0 | 7 | 8 |
| TEM4 | 6 | S | .0002 | 18 | 35 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| TEM4 | 6 | S | .0002 | 18 | 36 | Y | 3 | 8 | 0 | 0 | 0 | 0 | 3 | 8 |
| TEM4 | 6 | S | .0002 | 19 | 37 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| TEM4 | 6 | S | .0002 | 19 | 38 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| TEM4 | 6 | S | .0002 | 20 | 39 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| TEM4 | 6 | S | .0002 | 20 | 40 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| CNTRL4 | 6 | M | 0.0000 | 1 | 1 | Y | 2 | 6 | 0 | 0 | 0 | 1 | 6 | 6 |
| CNTRL4 | 6 | M | 0.0000 | 1 | 2 | Y | 2 | 6 | 0 | 0 | 0 | 0 | 8 | 6 |
| CNTRL4 | 6 | M | 0.0000 | 2 | 3 | Y | 0 | 1 | 0 | 1 | 0 | 0 | 9 | 14 |
| CNTRL4 | 6 | M | 0.0000 | 2 | 4 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 6 | M | 0.0000 | 3 | 5 | Y | 5 | 6 | 0 | 0 | 1 | 0 | 5 | 6 |
| CNTRL4 | 6 | M | 0.0000 | 3 | 6 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 6 | M | 0.0000 | 4 | 7 | Y | 6 | 6 | 0 | 0 | 3 | 2 | 6 | 8 |
| CNTRL4 | 6 | M | 0.0000 | 4 | 8 | Y | 9 | 6 | 0 | 0 | 3 | 3 | 9 | 6 |
| CNTRL4 | 6 | M | 0.0000 | 5 | 9 | Y | 7 | 9 | 0 | 0 | 0 | 0 | 7 | 9 |
| CNTRL4 | 6 | M | 0.0000 | 5 | 10 | Y | 6 | 10 | 0 | 0 | 0 | 1 | 8 | 10 |
| CNTRL4 | 6 | M | 0.0000 | 6 | 11 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 6 | M | 0.0000 | 6 | 12 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| CNTRL4 | 6 | M | 0.0000 | 7 | 13 | Y | 5 | 6 | 0 | 0 | 0 | 2 | 5 | 7 |
| CNTRL4 | 6 | M | 0.0000 | 7 | 14 | Y | 9 | 3 | 0 | 0 | 0 | 0 | 9 | 4 |
| CNTRL4 | 6 | M | 0.0000 | 8 | 15 | Y | 9 | 4 | 1 | 0 | 0 | 0 | 9 | 4 |
| CNTRL4 | 6 | M | 0.0000 | 8 | 16 | Y | 10 | 6 | 3 | 1 | 0 | 0 | 10 | 6 |
| CNTRL4 | 6 | M | 0.0000 | 9 | 17 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 9 |
| CNTRL4 | 6 | M | 0.0000 | 9 | 18 | Y | 7 | 5 | 0 | 0 | 1 | 1 | 8 | 5 |
| CNTRL4 | 6 | M | 0.0000 | 10 | 19 | Y | 3 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| CNTRL4 | 6 | M | 0.0000 | 10 | 20 | Y | 11 | 5 | 1 | 0 | 1 | 0 | 11 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 6 | M | .0300 | 11 | 21 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 4 | 6 |
| 71-4 | 6 | M | .0300 | 11 | 22 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 6 | M | .0300 | 12 | 23 | Y | 8 | 7 | 0 | 1 | 0 | 0 | 8 | 7 |
| 71-4 | 6 | M | .0300 | 12 | 24 | Y | 6 | 6 | 0 | 0 | 1 | 0 | 6 | 7 |
| 71-4 | 6 | M | .0300 | 13 | 25 | Y | 4 | 6 | 0 | 1 | 1 | 1 | 4 | 6 |
| 71-4 | 6 | M | .0300 | 13 | 26 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 6 | M | .0300 | 14 | 27 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 6 | M | .0300 | 14 | 28 | Y | 6 | 4 | 2 | 1 | 0 | 0 | 6 | 5 |
| 71-4 | 6 | M | .0300 | 15 | 29 | Y | 9 | 5 | 0 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 6 | M | .0300 | 15 | 30 | Y | 9 | 4 | 0 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 6 | M | .0300 | 16 | 31 | Y | 2 | 8 | 0 | 0 | 0 | 0 | 2 | 10 |
| 71-4 | 6 | M | .0300 | 16 | 32 | Y | 1 | 1 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 6 | M | .0300 | 17 | 33 | Y | 7 | 8 | 1 | 0 | 0 | 0 | 7 | 8 |
| 71-4 | 6 | M | .0300 | 17 | 34 | Y | 0 | 3 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 6 | M | .0300 | 18 | 35 | Y | 3 | 10 | 0 | 0 | 0 | 0 | 3 | 11 |
| 71-4 | 6 | M | .0300 | 18 | 36 | Y | 7 | 4 | 1 | 0 | 0 | 0 | 7 | 4 |
| 71-4 | 6 | M | .0300 | 19 | 37 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 7 | 4 |
| 71-4 | 6 | M | .0300 | 19 | 38 | Y | 3 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 6 | M | .0300 | 20 | 39 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 6 | M | .0300 | 20 | 40 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 6 | M | 2.5000 | 21 | 41 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 6 | M | 2.5000 | 21 | 42 | Y | 3 | 0 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 6 | M | 2.5000 | 22 | 43 | Y | 7 | 4 | 0 | 0 | 0 | 1 | 7 | 4 |
| 71-4 | 6 | M | 2.5000 | 22 | 44 | Y | 4 | 10 | 0 | 0 | 0 | 0 | 4 | 11 |
| 71-4 | 6 | M | 2.5000 | 23 | 45 | Y | 1 | 0 | 1 | 0 | 0 | 0 | 7 | 4 |
| 71-4 | 6 | M | 2.5000 | 23 | 46 | Y | 5 | 8 | 0 | 0 | 1 | 0 | 5 | 8 |
| 71-4 | 6 | M | 2.5000 | 24 | 47 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 7 | 4 |
| 71-4 | 6 | M | 2.5000 | 24 | 48 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 6 | M | 2.5000 | 25 | 49 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 6 | M | 2.5000 | 25 | 50 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 9 | 7 |
| 71-4 | 6 | M | 2.5000 | 26 | 51 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 6 | M | 2.5000 | 26 | 52 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 6 | M | 2.5000 | 27 | 53 | Y | 9 | 4 | 0 | 0 | 1 | 0 | 9 | 4 |
| 71-4 | 6 | M | 2.5000 | 27 | 54 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 6 | M | 2.5000 | 28 | 55 | Y | 4 | 6 | 0 | 0 | 0 | 1 | 4 | 6 |
| 71-4 | 6 | M | 2.5000 | 28 | 56 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 6 | M | 2.5000 | 29 | 57 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 6 | M | 2.5000 | 29 | 58 | Y | 7 | 4 | 0 | 0 | 2 | 0 | 8 | 5 |
| 71-4 | 6 | M | 2.5000 | 30 | 59 | Y | 8 | 4 | 0 | 0 | 1 | 0 | 8 | 4 |
| 71-4 | 6 | M | 2.5000 | 30 | 60 | Y | 4 | 7 | 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 6 | M | 5.0000 | 31 | 61 | Y | 3 | 9 | 1 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 6 | M | 5.0000 | 31 | 62 | Y | 4 | 9 | 0 | 1 | 0 | 0 | 4 | 10 |
| 71-4 | 6 | M | 5.0000 | 32 | 63 | Y | 7 | 7 | 1 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 6 | M | 5.0000 | 32 | 64 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 6 | M | 5.0000 | 33 | 65 | Y | 5 | 11 | 0 | 0 | 1 | 0 | 5 | 11 |
| 71-4 | 6 | M | 5.0000 | 33 | 66 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 6 | M | 5.0000 | 34 | 67 | Y | 3 | 8 | 0 | 1 | 0 | 0 | 3 | 9 |
| 71-4 | 6 | M | 5.0000 | 34 | 68 | [illegible] | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 6 | M | 5.0000 | 35 | 69 | Y | 11 | 4 | 0 | 0 | 0 | 0 | 11 | 5 |
| 71-4 | 6 | M | 5.0000 | 35 | 70 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 6 | M | 5.0000 | 36 | 71 | Y | 1 | 0 | 0 | 0 | 1 | 0 | 8 | 4 |
| 71-4 | 6 | M | 5.0000 | 36 | 72 | Y | 4 | 7 | 0 | 0 | 0 | 1 | 4 | 8 |
| 71-4 | 6 | M | 5.0000 | 37 | 73 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 6 | M | 5.0000 | 37 | 74 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 6 | M | 5.0000 | 38 | 75 | Y | 7 | 5 | 1 | 0 | 0 | 0 | 8 | 8 |
| 71-4 | 6 | M | 5.0000 | 38 | 76 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 7 | 4 |
| 71-4 | 6 | M | 5.0000 | 39 | 77 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 6 | M | 5.0000 | 39 | 78 | Y | 5 | 4 | 0 | 0 | 0 | 0 | 9 | 4 |
| 71-4 | 6 | M | 5.0000 | 40 | 79 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 6 | M | 5.0000 | 40 | 80 | Y | 6 | 6 | 0 | 0 | 2 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNTRL4 | 7 | S | 0.0000 | 1 | 1 | Y | 5 | 9 | 0 | 0 | 0 | 0 | 5 | 9 |
| CNTRL4 | 7 | S | 0.0000 | 1 | 2 | Y | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 5 |
| CNTRL4 | 7 | S | 0.0000 | 2 | 3 | Y | 8 | 6 | 0 | 0 | 0 | 0 | 8 | 6 |
| CNTRL4 | 7 | S | 0.0000 | 2 | 4 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 7 | S | 0.0000 | 3 | 5 | Y | 6 | 4 | 0 | 0 | 3 | 0 | 6 | 4 |
| CNTRL4 | 7 | S | 0.0000 | 3 | 6 | Y | 5 | 9 | 0 | 0 | 1 | 0 | 5 | 9 |
| CNTRL4 | 7 | S | 0.0000 | 4 | 7 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 7 | S | 0.0000 | 4 | 8 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| CNTRL4 | 7 | S | 0.0000 | 5 | 9 | Y | 4 | 0 | 1 | 0 | 0 | 0 | 8 | 6 |
| CNTRL4 | 7 | S | 0.0000 | 5 | 10 | Y | 0 | 4 | 0 | 2 | 0 | 0 | 3 | 9 |
| CNTRL4 | 7 | S | 0.0000 | 6 | 11 | Y | 10 | 3 | 0 | 0 | 0 | 0 | 10 | 3 |
| CNTRL4 | 7 | S | 0.0000 | 6 | 12 | Y | 3 | 5 | 0 | 1 | 0 | 0 | 5 | 5 |
| CNTRL4 | 7 | S | 0.0000 | 7 | 13 | Y | 3 | 7 | 0 | 1 | 0 | 0 | 3 | 7 |
| CNTRL4 | 7 | S | 0.0000 | 7 | 14 | Y | 3 | 2 | 0 | 0 | 0 | 0 | 6 | 6 |
| CNTRL4 | 7 | S | 0.0000 | 8 | 15 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 7 | S | 0.0000 | 8 | 16 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 8 | 7 |
| CNTRL4 | 7 | S | 0.0000 | 9 | 17 | Y | 2 | 9 | 0 | 0 | 0 | 0 | 2 | 9 |
| CNTRL4 | 7 | S | 0.0000 | 9 | 18 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 9 | 5 |
| CNTRL4 | 7 | S | 0.0000 | 10 | 19 | Y | 9 | 4 | 2 | 0 | 0 | 0 | 11 | 4 |
| CNTRL4 | 7 | S | 0.0000 | 10 | 20 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 7 | S | .0300 | 21 | 41 | Y | 9 | 5 | 0 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 7 | S | .0300 | 21 | 42 | Y | 5 | 5 | 0 | 0 | 1 | 1 | 5 | 5 |
| 71-4 | 7 | S | .0300 | 22 | 43 | Y | 5 | 3 | 0 | 0 | 0 | 1 | 6 | 5 |
| 71-4 | 7 | S | .0300 | 22 | 44 | Y | 6 | 4 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 7 | S | .0300 | 23 | 45 | Y | 6 | 8 | 0 | 0 | 1 | 0 | 6 | 8 |
| 71-4 | 7 | S | .0300 | 23 | 46 | Y | 4 | 7 | 0 | 0 | 0 | 0 | 5 | 10 |
| 71-4 | 7 | S | .0300 | 24 | 47 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 7 | S | .0300 | 24 | 48 | Y | 0 | 1 | 0 | 0 | 0 | 1 | 5 | 7 |
| 71-4 | 7 | S | .0300 | 25 | 49 | Y | 6 | 9 | 0 | 0 | 0 | 0 | 6 | 9 |
| 71-4 | 7 | S | .0300 | 25 | 50 | Y | 9 | 5 | 0 | 0 | 0 | 0 | 9 | 6 |
| 71-4 | 7 | S | .0300 | 26 | 51 | Y | 5 | 9 | 0 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 7 | S | .0300 | 26 | 52 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 7 | S | .0300 | 27 | 53 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 7 | S | .0300 | 27 | 54 | Y | 7 | 3 | 0 | 0 | 0 | 0 | 7 | 3 |
| 71-4 | 7 | S | .0300 | 28 | 55 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 7 | S | .0300 | 28 | 56 | Y | 7 | 4 | 3 | 2 | 0 | 0 | 9 | 4 |
| 71-4 | 7 | S | .0300 | 29 | 57 | Y | 1 | 3 | 0 | 0 | 0 | 1 | 4 | 8 |
| 71-4 | 7 | S | .0300 | 29 | 58 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 7 | S | .0300 | 30 | 59 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 7 | S | .0300 | 30 | 60 | Y | 7 | 3 | 0 | 0 | 0 | 0 | 7 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 7 | S | 2.5000 | 31 | 61 | Y | 3 | 9 | 0 | 0 | 0 | 0 | 3 | 9 |
| 71-4 | 7 | S | 2.5000 | 31 | 62 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 8 |
| 71-4 | 7 | S | 2.5000 | 32 | 63 | Y | 6 | 7 | 0 | 0 | 2 | 1 | 7 | 7 |
| 71-4 | 7 | S | 2.5000 | 32 | 64 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 7 | S | 2.5000 | 33 | 65 | Y | 8 | 2 | 0 | 0 | 0 | 0 | 9 | 2 |
| 71-4 | 7 | S | 2.5000 | 33 | 66 | Y | 8 | 3 | 0 | 0 | 1 | 0 | 8 | 4 |
| 71-4 | 7 | S | 2.5000 | 34 | 67 | Y | 9 | 5 | 0 | 0 | 0 | 0 | 9 | 5 |
| 71-4 | 7 | S | 2.5000 | 34 | 68 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 7 | S | 2.5000 | 35 | 69 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 7 | S | 2.5000 | 35 | 70 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 8 | 7 |
| 71-4 | 7 | S | 2.5000 | 36 | 71 | Y | 3 | 9 | 0 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 7 | S | 2.5000 | 36 | 72 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 7 | S | 2.5000 | 37 | 73 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 8 | 4 |
| 71-4 | 7 | S | 2.5000 | 37 | 74 | Y | 8 | 8 | 1 | 1 | 0 | 0 | 8 | 8 |
| 71-4 | 7 | S | 2.5000 | 38 | 75 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 7 | S | 2.5000 | 38 | 76 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 7 | S | 2.5000 | 39 | 77 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 7 | S | 2.5000 | 39 | 78 | Y | 4 | 6 | 0 | 0 | 1 | 0 | 4 | 7 |
| 71-4 | 7 | S | 2.5000 | 40 | 79 | Y | 9 | 3 | 0 | 0 | 0 | 0 | 10 | 3 |
| 71-4 | 7 | S | 2.5000 | 40 | 80 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 7 | S | 5.0000 | 41 | 81 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 7 | S | 5.0000 | 41 | 82 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 7 | S | 5.0000 | 42 | 83 | Y | 4 | 11 | 0 | 0 | 0 | 0 | 4 | 11 |
| 71-4 | 7 | S | 5.0000 | 42 | 84 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 7 | S | 5.0000 | 43 | 85 | Y | 8 | 5 | 0 | 0 | 4 | 1 | 8 | 5 |
| 71-4 | 7 | S | 5.0000 | 43 | 86 | Y | 0 | 1 | 0 | 0 | 0 | 0 | 6 | 2 |
| 71-4 | 7 | S | 5.0000 | 44 | 87 | Y | 4 | 10 | 0 | 0 | 0 | 0 | 4 | 10 |
| 71-4 | 7 | S | 5.0000 | 44 | 88 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 8 | 4 |
| 71-4 | 7 | S | 5.0000 | 45 | 89 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 10 |
| 71-4 | 7 | S | 5.0000 | 45 | 90 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 7 | S | 5.0000 | 46 | 91 | Y | 6 | 8 | 0 | 0 | 0 | 0 | 6 | 9 |
| 71-4 | 7 | S | 5.0000 | 46 | 92 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 7 | S | 5.0000 | 47 | 93 | Y | 7 | 6 | 0 | 1 | 4 | 0 | 7 | 6 |
| 71-4 | 7 | S | 5.0000 | 47 | 94 | Y | 6 | 4 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 7 | S | 5.0000 | 48 | 95 | Y | 10 | 3 | 0 | 0 | 0 | 0 | 10 | 4 |
| 71-4 | 7 | S | 5.0000 | 48 | 96 | Y | 0 | 2 | 0 | 0 | 0 | 0 | 3 | 6 |
| 71-4 | 7 | S | 5.0000 | 49 | 97 | Y | 5 | 9 | 0 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 7 | S | 5.0000 | 49 | 98 | Y | 8 | 7 | 1 | 0 | 0 | 0 | 8 | 7 |
| 71-4 | 7 | S | 5.0000 | 50 | 99 | Y | 6 | 7 | 0 | 1 | 2 | 0 | 6 | 7 |
| 71-4 | 7 | S | 5.0000 | 50 | 100 | Y | 5 | 9 | 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TEM4 | 7 | S | .0002 | 11 | 21 | Y | 1 | 2 | 0 | 0 | 0 | 0 | 7 | 8 |
| TEM4 | 7 | S | .0002 | 11 | 22 | Y | 6 | 5 | 0 | 0 | 0 | 1 | 9 | 6 |
| TEM4 | 7 | S | .0002 | 12 | 23 | Y | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 3 |
| TEM4 | 7 | S | .0002 | 12 | 24 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| TEM4 | 7 | S | .0002 | 13 | 25 | Y | 7 | 3 | 0 | 0 | 0 | 0 | 9 | 3 |
| TEM4 | 7 | S | .0002 | 13 | 26 | Y | 2 | 11 | 1 | 0 | 0 | 0 | 4 | 10 |
| TEM4 | 7 | S | .0002 | 14 | 27 | Y | 9 | 4 | 1 | 0 | 0 | 0 | 9 | 4 |
| TEM4 | 7 | S | .0002 | 14 | 28 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 7 | S | .0002 | 15 | 29 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| TEM4 | 7 | S | .0002 | 15 | 30 | Y | 5 | 7 | 1 | 0 | 0 | 0 | 5 | 7 |
| TEM4 | 7 | S | .0002 | 16 | 31 | Y | 8 | 3 | 0 | 0 | 0 | 1 | 8 | 3 |
| TEM4 | 7 | S | .0002 | 16 | 32 | Y | 5 | 9 | 0 | 0 | 0 | 0 | 6 | 9 |
| TEM4 | 7 | S | .0002 | 17 | 33 | Y | 7 | 3 | 0 | 0 | 0 | 0 | 8 | 3 |
| TEM4 | 7 | S | .0002 | 17 | 34 | Y | 6 | 7 | 0 | 0 | 1 | 0 | 6 | 8 |
| TEM4 | 7 | S | .0002 | 18 | 35 | Y | 7 | 5 | 0 | 1 | 0 | 0 | 7 | 5 |
| TEM4 | 7 | S | .0002 | 18 | 36 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| TEM4 | 7 | S | .0002 | 19 | 37 | Y | 1 | 7 | 0 | 0 | 0 | 0 | 4 | 7 |
| TEM4 | 7 | S | .0002 | 19 | 38 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 6 | 7 |
| TEM4 | 7 | S | .0002 | 20 | 39 | Y | 5 | 6 | 0 | 0 | 0 | 1 | 7 | 9 |
| TEM4 | 7 | S | .0002 | 20 | 40 | Y | 4 | 7 | 0 | 1 | 0 | 0 | 4 | 9 |
| CNTRL4 | 7 | M | 0.0000 | 1 | 1 | Y | 6 | 6 | 0 | 1 | 1 | 0 | 6 | 6 |
| CNTRL4 | 7 | M | 0.0000 | 1 | 2 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 7 | 4 |
| CNTRL4 | 7 | M | 0.0000 | 2 | 3 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 7 |
| CNTRL4 | 7 | M | 0.0000 | 2 | 4 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 7 | 6 |
| CNTRL4 | 7 | M | 0.0000 | 3 | 5 | Y | 1 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| CNTRL4 | 7 | M | 0.0000 | 3 | 6 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| CNTRL4 | 7 | M | 0.0000 | 4 | 7 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| CNTRL4 | 7 | M | 0.0000 | 4 | 8 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| CNTRL4 | 7 | M | 0.0000 | 5 | 9 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| CNTRL4 | 7 | M | 0.0000 | 5 | 10 | Y | 5 | 6 | 0 | 0 | 0 | 0 | 9 | 6 |
| CNTRL4 | 7 | M | 0.0000 | 6 | 11 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 9 |
| CNTRL4 | 7 | M | 0.0000 | 6 | 12 | Y | 7 | 5 | 1 | 0 | 1 | 0 | 8 | 5 |
| CNTRL4 | 7 | M | 0.0000 | 7 | 13 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 7 |
| CNTRL4 | 7 | M | 0.0000 | 7 | 14 | Y | 6 | 8 | 1 | 0 | 0 | 0 | 7 | 8 |
| CNTRL4 | 7 | M | 0.0000 | 8 | 15 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| CNTRL4 | 7 | M | 0.0000 | 8 | 16 | Y | 5 | 1 | 3 | 0 | 0 | 0 | 5 | 6 |
| CNTRL4 | 7 | M | 0.0000 | 9 | 17 | Y | 6 | 5 | 0 | 1 | 0 | 0 | 8 | 5 |
| CNTRL4 | 7 | M | 0.0000 | 9 | 18 | Y | 4 | 10 | 0 | 0 | 0 | 0 | 6 | 10 |
| CNTRL4 | 7 | M | 0.0000 | 10 | 19 | Y | 5 | 8 | 0 | 0 | 0 | 2 | 5 | 8 |
| CNTRL4 | 7 | M | 0.0000 | 10 | 20 | Y | 7 | 5 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 7 | M | .0300 | 11 | 21 | Y | 3 | 8 | 0 | 0 | 1 | 3 | 3 | 9 |
| 71-4 | 7 | M | .0300 | 11 | 22 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 7 | M | .0300 | 12 | 23 | Y | 6 | 7 | 0 | 0 | 0 | 1 | 6 | 7 |
| 71-4 | 7 | M | .0300 | 12 | 24 | Y | 4 | 10 | 2 | 0 | 0 | 1 | 4 | 10 |
| 71-4 | 7 | M | .0300 | 13 | 25 | Y | 7 | 7 | 1 | 0 | 0 | 1 | 7 | 7 |
| 71-4 | 7 | M | .0300 | 13 | 26 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 4 | 6 |
| 71-4 | 7 | M | .0300 | 14 | 27 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 7 | M | .0300 | 14 | 28 | Y | 6 | 6 | 1 | 0 | 0 | 1 | 6 | 6 |
| 71-4 | 7 | M | .0300 | 15 | 29 | Y | 5 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 7 | M | .0300 | 15 | 30 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 7 | M | .0300 | 16 | 31 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 7 | M | .0300 | 16 | 32 | Y | 6 | 6 | 1 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 7 | M | .0300 | 17 | 33 | Y | 0 | 12 | 0 | 0 | 0 | 4 | 0 | 14 |
| 71-4 | 7 | M | .0300 | 17 | 34 | Y | 7 | 8 | 0 | 0 | 0 | 0 | 7 | 8 |
| 71-4 | 7 | M | .0300 | 18 | 35 | Y | 7 | 7 | 1 | 0 | 0 | 0 | 8 | 7 |
| 71-4 | 7 | M | .0300 | 18 | 36 | Y | 4 | 10 | 1 | 3 | 0 | 0 | 4 | 10 |
| 71-4 | 7 | M | .0300 | 19 | 37 | Y | 4 | 8 | 0 | 0 | 0 | 1 | 4 | 9 |
| 71-4 | 7 | M | .0300 | 19 | 38 | Y | 5 | 9 | 0 | 0 | 1 | 2 | 5 | 9 |
| 71-4 | 7 | M | .0300 | 20 | 39 | Y | 7 | 5 | 0 | 0 | 0 | 1 | 7 | 5 |
| 71-4 | 7 | M | .0300 | 20 | 40 | Y | 8 | 7 | 0 | 0 | 0 | 1 | 8 | 7 |
| 71-4 | 7 | M | 2.5000 | 21 | 41 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 8 |
| 71-4 | 7 | M | 2.5000 | 21 | 42 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 4 | 6 |
| 71-4 | 7 | M | 2.5000 | 22 | 43 | Y | 7 | 5 | 0 | 1 | 2 | 2 | 8 | 5 |
| 71-4 | 7 | M | 2.5000 | 22 | 44 | Y | 11 | 4 | 0 | 0 | 0 | 0 | 11 | 4 |
| 71-4 | 7 | M | 2.5000 | 23 | 45 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 7 | M | 2.5000 | 23 | 46 | Y | 5 | 6 | 1 | 2 | 0 | 0 | 5 | 7 |
| 71-4 | 7 | M | 2.5000 | 24 | 47 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 7 | M | 2.5000 | 24 | 48 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 7 | M | 2.5000 | 25 | 49 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 7 | M | 2.5000 | 25 | 50 | Y | 1 | 6 | 1 | 1 | 0 | 0 | 4 | 6 |
| 71-4 | 7 | M | 2.5000 | 26 | 51 | Y | 11 | 3 | 0 | 0 | 0 | 0 | 11 | 3 |
| 71-4 | 7 | M | 2.5000 | 26 | 52 | Y | 2 | 11 | 0 | 0 | 0 | 0 | 2 | 12 |
| 71-4 | 7 | M | 2.5000 | 27 | 53 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 8 | 5 |
| 71-4 | 7 | M | 2.5000 | 27 | 54 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 10 |
| 71-4 | 7 | M | 2.5000 | 28 | 55 | Y | 4 | 7 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 7 | M | 2.5000 | 28 | 56 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 9 |
| 71-4 | 7 | M | 2.5000 | 29 | 57 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 7 | M | 2.5000 | 29 | 58 | Y | 8 | 3 | 1 | 0 | 0 | 0 | 8 | 6 |
| 71-4 | 7 | M | 2.5000 | 30 | 59 | Y | 2 | 10 | 0 | 0 | 0 | 0 | 2 | 12 |
| 71-4 | 7 | M | 2.5000 | 30 | 60 | Y | 10 | 5 | 0 | 0 | 0 | 0 | 10 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 7 | M | 5.0000 | 31 | 61 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 7 | M | 5.0000 | 31 | 62 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 7 | M | 5.0000 | 32 | 63 | Y | 6 | 0 | 0 | 0 | 0 | 0 | 8 | 10 |
| 71-4 | 7 | M | 5.0000 | 32 | 64 | Y | 6 | 8 | 0 | 0 | 1 | 1 | 6 | 8 |
| 71-4 | 7 | M | 5.0000 | 33 | 65 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 7 | M | 5.0000 | 33 | 66 | Y | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 |
| 71-4 | 7 | M | 5.0000 | 34 | 67 | Y | 7 | 7 | 1 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 7 | M | 5.0000 | 34 | 68 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 7 | M | 5.0000 | 35 | 69 | Y | 7 | 7 | 0 | 0 | 0 | 0 | 7 | 8 |
| 71-4 | 7 | M | 5.0000 | 35 | 70 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 7 | M | 5.0000 | 36 | 71 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 7 | M | 5.0000 | 36 | 72 | Y | 5 | 0 | 0 | 0 | 2 | 0 | 5 | 6 |
| 71-4 | 7 | M | 5.0000 | 37 | 73 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 7 | M | 5.0000 | 37 | 74 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 7 | M | 5.0000 | 38 | 75 | Y | 5 | 5 | 0 | 2 | 0 | 0 | 5 | 5 |
| 71-4 | 7 | M | 5.0000 | 38 | 76 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 8 | 4 |
| 71-4 | 7 | M | 5.0000 | 39 | 77 | Y | 6 | 8 | 0 | 0 | 1 | 0 | 6 | 8 |
| 71-4 | 7 | M | 5.0000 | 39 | 78 | Y | 2 | 10 | 0 | 0 | 0 | 0 | 2 | 10 |
| 71-4 | 7 | M | 5.0000 | 40 | 79 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 7 | M | 5.0000 | 40 | 80 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CNTRL4 | 8 | S | 0.0000 | 1 | 1 | Y | 2 | 9 | 0 | 1 | 1 | 1 | 10 | 10 |
| CNTRL4 | 8 | S | 0.0000 | 1 | 2 | Y | 8 | 5 | 1 | 0 | 0 | 0 | 10 | 5 |
| CNTRL4 | 8 | S | 0.0000 | 2 | 3 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| CNTRL4 | 8 | S | 0.0000 | 2 | 4 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| CNTRL4 | 8 | S | 0.0000 | 3 | 5 | Y | 4 | 8 | 0 | 0 | 0 | 0 | 4 | 9 |
| CNTRL4 | 8 | S | 0.0000 | 3 | 6 | Y | 6 | 4 | 0 | 0 | 0 | 0 | 5 | 9 |
| CNTRL4 | 8 | S | 0.0000 | 4 | 7 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 10 |
| CNTRL4 | 8 | S | 0.0000 | 4 | 8 | Y | 4 | 10 | 0 | 0 | 0 | 0 | 4 | 10 |
| CNTRL4 | 8 | S | 0.0000 | 5 | 9 | Y | 5 | 3 | 0 | 0 | 0 | 0 | 10 | 4 |
| CNTRL4 | 8 | S | 0.0000 | 5 | 10 | Y | 8 | 7 | 0 | 0 | 1 | 0 | 8 | 7 |
| CNTRL4 | 8 | S | 0.0000 | 6 | 11 | Y | 5 | 1 | 1 | 0 | 0 | 0 | 8 | 4 |
| CNTRL4 | 8 | S | 0.0000 | 6 | 12 | Y | 5 | 7 | 0 | 1 | 0 | 1 | 5 | 7 |
| CNTRL4 | 8 | S | 0.0000 | 7 | 13 | Y | 9 | 4 | 0 | 0 | 3 | 0 | 10 | 4 |
| CNTRL4 | 8 | S | 0.0000 | 7 | 14 | Y | 7 | 4 | 0 | 0 | 0 | 0 | 7 | 5 |
| CNTRL4 | 8 | S | 0.0000 | 8 | 15 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| CNTRL4 | 8 | S | 0.0000 | 8 | 16 | Y | 5 | 9 | 0 | 1 | 0 | 0 | 5 | 10 |
| CNTRL4 | 8 | S | 0.0000 | 9 | 17 | Y | 9 | 4 | 0 | 0 | 1 | 0 | 9 | 4 |
| CNTRL4 | 8 | S | 0.0000 | 9 | 18 | Y | 4 | 8 | 0 | 0 | 1 | 0 | 6 | 8 |
| CNTRL4 | 8 | S | 0.0000 | 10 | 19 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| CNTRL4 | 8 | S | 0.0000 | 10 | 20 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 8 | S | .0300 | 21 | 41 | Y | 7 | 8 | 0 | 0 | 0 | 0 | 7 | 8 |
| 71-4 | 8 | S | .0300 | 21 | 42 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 8 | S | .0300 | 22 | 43 | Y | 8 | 7 | 0 | 0 | 0 | 0 | 8 | 7 |
| 71-4 | 8 | S | .0300 | 22 | 44 | Y | 5 | 7 | 1 | 1 | 0 | 0 | 5 | 7 |
| 71-4 | 8 | S | .0300 | 23 | 45 | Y | 8 | 0 | 0 | 0 | 2 | 0 | 8 | 5 |
| 71-4 | 8 | S | .0300 | 23 | 46 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 8 | S | .0300 | 24 | 47 | Y | 3 | 11 | 0 | 1 | 0 | 0 | 3 | 11 |
| 71-4 | 8 | S | .0300 | 24 | 48 | Y | 11 | 4 | 0 | 0 | 0 | 0 | 11 | 4 |
| 71-4 | 8 | S | .0300 | 25 | 49 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 8 | S | .0300 | 25 | 50 | Y | 10 | 5 | 0 | 0 | 0 | 0 | 10 | 5 |
| 71-4 | 8 | S | .0300 | 26 | 51 | Y | 8 | 7 | 1 | 0 | 0 | 0 | 8 | 8 |
| 71-4 | 8 | S | .0300 | 26 | 52 | Y | 7 | 5 | 1 | 1 | 0 | 0 | 7 | 5 |
| 71-4 | 8 | S | .0300 | 27 | 53 | Y | 6 | 9 | 0 | 0 | 0 | 0 | 6 | 9 |
| 71-4 | 8 | S | .0300 | 27 | 54 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 4 | 7 |
| 71-4 | 8 | S | .0300 | 28 | 55 | Y | 9 | 3 | 0 | 0 | 0 | 0 | 10 | 3 |
| 71-4 | 8 | S | .0300 | 28 | 56 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 8 | S | .0300 | 29 | 57 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 8 | S | .0300 | 29 | 58 | Y | 3 | 1 | 1 | 0 | 0 | 0 | 10 | 1 |
| 71-4 | 8 | S | .0300 | 30 | 59 | Y | 4 | 7 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 8 | S | .0300 | 30 | 60 | Y | 3 | 9 | 0 | 0 | 0 | 0 | 3 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-4 | 8 | S | 2.5000 | 31 | 61 | Y | 7 | 6 | 0 | 1 | 0 | 0 | 9 | 7 |
| 71-4 | 8 | S | 2.5000 | 31 | 62 | Y | 3 | 7 | 0 | 0 | 0 | 0 | 3 | 7 |
| 71-4 | 8 | S | 2.5000 | 32 | 63 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 8 | S | 2.5000 | 32 | 64 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 8 | S | 2.5000 | 33 | 65 | Y | 7 | 7 | 0 | 0 | 0 | 2 | 7 | 7 |
| 71-4 | 8 | S | 2.5000 | 33 | 66 | Y | 6 | 6 | 1 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 8 | S | 2.5000 | 34 | 67 | Y | 9 | 3 | 1 | 1 | 0 | 0 | 9 | 3 |
| 71-4 | 8 | S | 2.5000 | 34 | 68 | Y | 7 | 3 | 0 | 0 | 0 | 0 | 7 | 3 |
| 71-4 | 8 | S | 2.5000 | 35 | 69 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 7 |
| 71-4 | 8 | S | 2.5000 | 35 | 70 | Y | 10 | 3 | 0 | 0 | 0 | 0 | 10 | 4 |
| 71-4 | 8 | S | 2.5000 | 36 | 71 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 10 | 4 |
| 71-4 | 8 | S | 2.5000 | 36 | 72 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 8 | S | 2.5000 | 37 | 73 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 8 | S | 2.5000 | 37 | 74 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 8 | S | 2.5000 | 38 | 75 | Y | 3 | 7 | 0 | 0 | 0 | 0 | 5 | 7 |
| 71-4 | 8 | S | 2.5000 | 38 | 76 | Y | 10 | 4 | 1 | 0 | 0 | 0 | 11 | 4 |
| 71-4 | 8 | S | 2.5000 | 39 | 77 | Y | 5 | 12 | 0 | 0 | 0 | 0 | 5 | 12 |
| 71-4 | 8 | S | 2.5000 | 39 | 78 | Y | 5 | 7 | 0 | 0 | 1 | 1 | 5 | 7 |
| 71-4 | 8 | S | 2.5000 | 40 | 79 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 8 | S | 2.5000 | 40 | 80 | Y | 4 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| 71-4 | 8 | S | 5.0000 | 41 | 81 | Y | 6 | 7 | 0 | 0 | 0 | 0 | 6 | 7 |
| 71-4 | 8 | S | 5.0000 | 41 | 82 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 6 | 8 |
| 71-4 | 8 | S | 5.0000 | 42 | 83 | Y | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 8 | S | 5.0000 | 42 | 84 | Y | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| 71-4 | 8 | S | 5.0000 | 43 | 85 | Y | 5 | 7 | 0 | 0 | 1 | 0 | 5 | 10 |
| 71-4 | 8 | S | 5.0000 | 43 | 86 | Y | 6 | 8 | 0 | 0 | 0 | 2 | 7 | 8 |
| 71-4 | 8 | S | 5.0000 | 44 | 87 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| 71-4 | 8 | S | 5.0000 | 44 | 88 | Y | 6 | 7 | 2 | 2 | 0 | 0 | 6 | 7 |
| 71-4 | 8 | S | 5.0000 | 45 | 89 | Y | 4 | 8 | 0 | 1 | 0 | 0 | 5 | 8 |
| 71-4 | 8 | S | 5.0000 | 45 | 90 | N | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| 71-4 | 8 | S | 5.0000 | 46 | 91 | Y | 7 | 6 | 0 | 0 | 0 | 0 | 7 | 6 |
| 71-4 | 8 | S | 5.0000 | 46 | 92 | Y | 7 | 5 | 0 | 1 | 0 | 0 | 8 | 5 |
| 71-4 | 8 | S | 5.0000 | 47 | 93 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| 71-4 | 8 | S | 5.0000 | 47 | 94 | Y | 4 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| 71-4 | 8 | S | 5.0000 | 48 | 95 | Y | 9 | 3 | 0 | 1 | 0 | 0 | 11 | 3 |
| 71-4 | 8 | S | 5.0000 | 48 | 96 | Y | 6 | 10 | 0 | 0 | 0 | 0 | 6 | 10 |
| 71-4 | 8 | S | 5.0000 | 49 | 97 | Y | 6 | 5 | 0 | 0 | 0 | 0 | 6 | 5 |
| 71-4 | 8 | S | 5.0000 | 49 | 98 | Y | 8 | 4 | 0 | 0 | 0 | 0 | 8 | 4 |
| 71-4 | 8 | S | 5.0000 | 50 | 99 | Y | 6 | 8 | 0 | 3 | 0 | 2 | 6 | 8 |
| 71-4 | 8 | S | 5.0000 | 50 | 100 | Y | 4 | 6 | 0 | 0 | 0 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TEM4 | 8 | S | .0002 | 11 | 21 | Y | 5 | 8 | 0 | 0 | 0 | 0 | 5 | 8 |
| TEM4 | 8 | S | .0002 | 11 | 22 | Y | 7 | 6 | 1 | 0 | 0 | 0 | 7 | 8 |
| TEM4 | 8 | S | .0002 | 12 | 23 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 8 | 5 |
| TEM4 | 8 | S | .0002 | 12 | 24 | Y | 7 | 8 | 0 | 0 | 0 | 0 | 7 | 8 |
| TEM4 | 8 | S | .0002 | 13 | 25 | Y | 4 | 10 | 0 | 0 | 0 | 0 | 4 | 10 |
| TEM4 | 8 | S | .0002 | 13 | 26 | Y | 8 | 7 | 0 | 0 | 0 | 0 | 8 | 7 |
| TEM4 | 8 | S | .0002 | 14 | 27 | Y | 0 | 3 | 0 | 0 | 0 | 0 | 10 | 3 |
| TEM4 | 8 | S | .0002 | 14 | 28 | Y | 7 | 4 | 1 | 0 | 0 | 0 | 7 | 4 |
| TEM4 | 8 | S | .0002 | 15 | 29 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| TEM4 | 8 | S | .0002 | 15 | 30 | Y | 7 | 5 | 0 | 0 | 0 | 0 | 7 | 5 |
| TEM4 | 8 | S | .0002 | 16 | 31 | Y | 8 | 6 | 0 | 0 | 0 | 0 | 8 | 6 |
| TEM4 | 8 | S | .0002 | 16 | 32 | Y | 5 | 5 | 0 | 1 | 0 | 0 | 5 | 5 |
| TEM4 | 8 | S | .0002 | 17 | 33 | Y | 8 | 5 | 0 | 0 | 0 | 0 | 8 | 6 |
| TEM4 | 8 | S | .0002 | 17 | 34 | Y | 9 | 3 | 0 | 0 | 0 | 0 | 9 | 3 |
| TEM4 | 8 | S | .0002 | 18 | 35 | Y | 3 | 9 | 0 | 0 | 0 | 0 | 4 | 9 |
| TEM4 | 8 | S | .0002 | 18 | 36 | Y | 9 | 5 | 0 | 0 | 0 | 0 | 11 | 5 |
| TEM4 | 8 | S | .0002 | 19 | 37 | Y | 7 | 9 | 0 | 0 | 0 | 0 | 7 | 9 |
| TEM4 | 8 | S | .0002 | 19 | 38 | Y | 6 | 4 | 3 | 2 | 0 | 0 | 6 | 4 |
| TEM4 | 8 | S | .0002 | 20 | 39 | Y | 8 | 6 | 0 | 0 | 0 | 0 | 8 | 6 |
| TEM4 | 8 | S | .0002 | 20 | 40 | Y | 6 | 6 | 1 | 0 | 0 | 0 | 6 | 6 |

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

| WEEK | VEHICLE CONTROL | | | | 71-4 30 MG/KG | | | | 71-4 2.5 G/KG | | | | 71-4 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 | 9 | 20 | .45 | 0.00 | 15 | 20 | .75 | 2.60 | 20 | 20 | 1.00 | 12.54 | 18 | 20 | .90 | 7.29 | 11 | 20 | .55 | .10 |
| 2 | 20 | 20 | 1.00 | 0.00 | 19 | 20 | .95 | 0.00 | 20 | 20 | 1.00 | 0.00 | 17 | 20 | .85 | 1.44 | 20 | 20 | 1.00 | 0.00 |
| 3 | 18 | 20 | .90 | 0.00 | 20 | 20 | 1.00 | .53 | 20 | 20 | 1.00 | .53 | 16 | 20 | .80 | .20 | 17 | 20 | .85 | 0.00 |
| 4 | 19 | 20 | .95 | 0.00 | 18 | 20 | .90 | 0.00 | 20 | 20 | 1.00 | 0.00 | 17 | 20 | .85 | .28 | 14 | 20 | .70 | 2.77 |
| 5 | 16 | 20 | .80 | 0.00 | 16 | 20 | .80 | .16 | 17 | 20 | .85 | 0.00 | 18 | 20 | .90 | .20 | 17 | 20 | .85 | 0.00 |
| 6 | 12 | 20 | .60 | 0.00 | 20 | 20 | 1.00 | 7.66 | 17 | 20 | .85 | 2.01 | 19 | 20 | .95 | 5.16 | 20 | 20 | 1.00 | 7.66 |
| 7 | 17 | 20 | .85 | 0.00 | 19 | 20 | .95 | .28 | 16 | 20 | .80 | 0.00 | 17 | 20 | .85 | .20 | 18 | 20 | .90 | 0.00 |
| 8 | 20 | 20 | 1.00 | 0.00 | 19 | 20 | .95 | 0.00 | 20 | 20 | 1.00 | 0.00 | 19 | 20 | .95 | 0.00 | 20 | 20 | 1.00 | 0.00 |
| | | | | | | | | | MULTIPLE TREATMENT | | | | | | | | | | | |
| 1 | 11 | 20 | .55 | 0.00 | 18 | 20 | .90 | 4.51 | 19 | 20 | .95 | 6.53 | 14 | 20 | .70 | .43 | | | | |
| 2 | 16 | 20 | .80 | 0.00 | 13 | 20 | .65 | .50 | 20 | 20 | 1.00 | 2.50 | 16 | 20 | .80 | .16 | | | | |
| 3 | 15 | 20 | .75 | 0.00 | 20 | 20 | 1.00 | 3.66 | 20 | 20 | 1.00 | 3.66 | 19 | 20 | .95 | 1.76 | | | | |
| 4 | 18 | 20 | .90 | 0.00 | 17 | 20 | .85 | 0.00 | 19 | 20 | .95 | 0.00 | 17 | 20 | .85 | 0.00 | | | | |
| 5 | 14 | 20 | .70 | 0.00 | 18 | 20 | .90 | 1.41 | 19 | 20 | .95 | 2.77 | 18 | 20 | .90 | 1.41 | | | | |
| 6 | 17 | 20 | .85 | 0.00 | 17 | 20 | .85 | .20 | 19 | 20 | .95 | .28 | 20 | 20 | 1.00 | 1.44 | | | | |
| 7 | 19 | 20 | .95 | 0.00 | 20 | 20 | 1.00 | 0.00 | 19 | 20 | .95 | .53 | 18 | 20 | .90 | 0.00 | | | | |

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

| | 30 MG/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 | 15 | 20 | 20 | 20 | 18 | 20 | 6.15 | 2.16 | 3.98 |
| 2 | 19 | 20 | 20 | 20 | 17 | 20 | 3.75 | 1.62 | 2.13 |
| 3 | 20 | 20 | 20 | 20 | 16 | 20 | 8.57 | 6.45 | 2.12 |
| 4 | 18 | 20 | 20 | 20 | 17 | 20 | 3.05 | .33 | 2.72 |
| 5 | 16 | 20 | 17 | 20 | 18 | 20 | .78 | .78 | .00 |
| 6 | 20 | 20 | 17 | 20 | 19 | 20 | 3.75 | .39 | 3.36 |
| 7 | 19 | 20 | 16 | 20 | 17 | 20 | 2.02 | .86 | 1.16 |
| 8 | 19 | 20 | 20 | 20 | 19 | 20 | 1.03 | .00 | 1.03 |
| | | | | | | | | MULTIPLE TREATMENT | |
| 1 | 18 | 20 | 19 | 20 | 14 | 20 | 5.49 | 3.16 | 2.33 |
| 2 | 13 | 20 | 20 | 20 | 16 | 20 | 8.24 | 1.48 | 6.76 |
| 3 | 20 | 20 | 20 | 20 | 19 | 20 | 2.03 | 1.53 | .50 |
| 4 | 17 | 20 | 19 | 20 | 17 | 20 | 1.29 | .00 | 1.29 |
| 5 | 18 | 20 | 19 | 20 | 18 | 20 | .44 | .00 | .44 |
| 6 | 17 | 20 | 19 | 20 | 20 | 20 | 3.75 | 3.61 | .14 |
| 7 | 20 | 20 | 19 | 20 | 18 | 20 | 2.11 | 2.11 | .00 |

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

| | 30 MG/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 | 15 | 20 | 20 | 20 | 18 | 20 | 6.15 | 4.55 | 1.59 |
| 2 | 19 | 20 | 20 | 20 | 17 | 20 | 3.75 | .36 | 3.39 |
| 3 | 20 | 20 | 20 | 20 | 16 | 20 | 8.57 | 3.13 | 5.44 |
| 4 | 18 | 20 | 20 | 20 | 17 | 20 | 3.05 | .01 | 3.04 |
| 5 | 16 | 20 | 17 | 20 | 18 | 20 | .78 | .67 | .12 |
| 6 | 20 | 20 | 17 | 20 | 19 | 20 | 3.75 | 1.67 | 2.08 |
| 7 | 19 | 20 | 16 | 20 | 17 | 20 | 2.02 | 1.62 | .40 |
| 8 | 19 | 20 | 20 | 20 | 19 | 20 | 1.03 | .16 | .88 |
| | | | | | | | MULTIPLE TREATMENT | | |
| 1 | 18 | 20 | 19 | 20 | 14 | 20 | 5.49 | 1.08 | 4.41 |
| 2 | 13 | 20 | 20 | 20 | 16 | 20 | 8.24 | 4.57 | 3.67 |
| 3 | 20 | 20 | 20 | 20 | 19 | 20 | 2.03 | .74 | 1.29 |
| 4 | 17 | 20 | 19 | 20 | 17 | 20 | 1.29 | .19 | 1.10 |
| 5 | 18 | 20 | 19 | 20 | 18 | 20 | .44 | .07 | .37 |
| 6 | 17 | 20 | 19 | 20 | 20 | 20 | 3.75 | 3.59 | .16 |
| 7 | 20 | 20 | 19 | 20 | 18 | 20 | 2.11 | 1.79 | .32 |

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 | | 30 MG/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 | 9 | 20 | 15 | 20 | 20 | 20 | 18 | 20 | 19.78 | 9.46 | 10.33 |
| 2 | 20 | 20 | 19 | 20 | 20 | 20 | 17 | 20 | 6.32 | 3.47 | 2.85 |
| 3 | 18 | 20 | 20 | 20 | 20 | 20 | 16 | 20 | 7.93 | 3.20 | 4.73 |
| 4 | 19 | 20 | 18 | 20 | 20 | 20 | 17 | 20 | 3.60 | .60 | 3.01 |
| 5 | 16 | 20 | 16 | 20 | 17 | 20 | 18 | 20 | 1.01 | 1.01 | .00 |
| 6 | 12 | 20 | 20 | 20 | 17 | 20 | 19 | 20 | 14.90 | 2.34 | 12.56 |
| 7 | 17 | 20 | 19 | 20 | 16 | 20 | 17 | 20 | 2.00 | .46 | 1.54 |
| 8 | 20 | 20 | 19 | 20 | 20 | 20 | 19 | 20 | 2.05 | .19 | 1.86 |
| | | | | | | | MULTIPLE TREATMENT | | | | |
| 1 | 11 | 20 | 18 | 20 | 19 | 20 | 14 | 20 | 11.76 | .03 | 11.73 |
| 2 | 16 | 20 | 13 | 20 | 20 | 20 | 16 | 20 | 8.12 | 1.24 | 6.88 |
| 3 | 15 | 20 | 20 | 20 | 20 | 20 | 19 | 20 | 12.25 | 1.67 | 10.58 |
| 4 | 18 | 20 | 17 | 20 | 19 | 20 | 17 | 20 | 1.38 | .01 | 1.36 |
| 5 | 14 | 20 | 18 | 20 | 19 | 20 | 16 | 20 | 6.22 | 1.64 | 4.58 |
| 6 | 17 | 20 | 17 | 20 | 19 | 20 | 20 | 20 | 4.23 | 4.11 | .12 |
| 7 | 19 | 20 | 20 | 20 | 19 | 20 | 18 | 20 | 2.11 | 1.52 | .58 |

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

| WEEK | CONTROL | | | 71-4 30 MG/KG | | | | 71-4 2.5 G/KG | | | | 71-4 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 | 9 | 10.00 | 5.45 | 15 | 11.07 | 4.28 | 22 | .533 | 20 | 12.75 | 1.12 | 27 | 2.200 | 18 | 12.83 | 1.42 | 25 | 2.102 | 11 | 7.82 | 5.10 | 18 | .923 |
| 2 | 20 | 8.80 | 4.09 | 19 | 11.42 | 3.42 | 37 | 2.166 | 20 | 11.90 | 1.62 | 38 | 3.154 | 17 | 10.65 | 3.59 | 35 | 1.448 | 20 | 9.65 | 3.44 | 38 | .712 |
| 3 | 18 | 11.06 | 2.78 | 20 | 11.95 | 2.74 | 36 | .998 | 20 | 10.80 | 2.71 | 36 | .287 | 16 | 11.69 | 1.40 | 32 | .822 | 17 | 9.76 | 3.54 | 33 | 1.203 |
| 4 | 19 | 10.21 | 4.17 | 18 | 11.11 | 2.74 | 35 | .771 | 20 | 12.10 | 2.02 | 37 | 1.814 | 17 | 10.94 | 1.82 | 34 | .667 | 14 | 6.71 | 3.67 | 31 | 2.502 |
| 5 | 16 | 10.19 | 3.41 | 16 | 11.31 | 2.63 | 30 | 1.046 | 17 | 11.12 | 2.20 | 31 | .936 | 16 | 10.17 | 3.11 | 32 | .019 | 17 | 11.71 | 2.05 | 31 | 1.560 |
| 6 | 12 | 12.58 | 3.40 | 20 | 11.20 | 2.46 | 30 | 1.334 | 17 | 12.00 | 1.90 | 27 | .591 | 19 | 11.84 | 3.10 | 29 | .626 | 20 | 11.55 | 2.54 | 30 | .981 |
| 7 | 17 | 10.35 | 3.72 | 19 | 10.84 | 3.53 | 34 | .404 | 16 | 12.25 | 1.53 | 31 | 1.892 | 17 | 11.82 | 4.07 | 32 | 1.100 | 18 | 10.94 | 2.60 | 33 | .547 |
| 8 | 20 | 12.00 | 2.08 | 19 | 12.26 | 2.83 | 37 | .333 | 20 | 12.25 | 1.74 | 38 | .412 | 19 | 12.00 | 2.94 | 37 | 0.000 | 20 | 12.40 | 2.72 | 38 | .522 |
| MULTIPLE TREATMENT | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 11 | 12.18 | 1.47 | 18 | 12.50 | 2.18 | 27 | .427 | 19 | 11.26 | 2.64 | 28 | 1.057 | 14 | 11.79 | 1.53 | 23 | .654 | | | | | |
| 2 | 16 | 11.50 | 2.48 | 13 | 11.62 | 1.56 | 27 | .146 | 20 | 10.60 | 3.53 | 34 | .863 | 16 | 11.12 | 3.30 | 30 | .363 | | | | | |
| 3 | 15 | 11.40 | 1.88 | 20 | 12.15 | 1.46 | 33 | 1.329 | 20 | 11.85 | 1.76 | 33 | .728 | 19 | 11.47 | 1.54 | 32 | .126 | | | | | |
| 4 | 18 | 11.06 | 2.15 | 17 | 11.65 | 2.06 | 33 | .829 | 19 | 12.00 | 2.31 | 35 | 1.284 | 17 | 12.29 | 1.61 | 33 | 1.917 | | | | | |
| 5 | 14 | 11.79 | 3.21 | 18 | 11.39 | 2.55 | 30 | .390 | 19 | 11.37 | 2.69 | 31 | .405 | 18 | 11.67 | 2.66 | 30 | .115 | | | | | |
| 6 | 17 | 11.94 | 3.80 | 17 | 10.88 | 3.62 | 32 | .832 | 19 | 10.89 | 3.40 | 34 | .873 | 20 | 11.80 | 2.98 | 35 | .127 | | | | | |
| 7 | 19 | 11.79 | 1.87 | 20 | 12.85 | 1.31 | 37 | 2.058 | 19 | 11.84 | 1.86 | 36 | .087 | 18 | 11.67 | 2.59 | 35 | .166 | | | | | |

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 | 53 | 2.65 | 1.97 | 12.30 | 2.58 | .344 | 11.391 | 1.943 | 51 | 6.3379 | .2046 | .0312 | .3390 | .1196 |
| | LOG DOSE | 53 | -.10 | 2.18 | 12.30 | 2.58 | .358 | 12.338 | 2.265 | 51 | 6.1852 | .2022 | .0250 | .1170 | .1167 |
| 2 | DOSE | 56 | 2.42 | 2.01 | 11.36 | 2.96 | -.150 | 11.719 | -.750 | 54 | 8.8129 | .2614 | .0397 | .3902 | .1574 |
| | LOG DOSE | 56 | -.37 | 2.28 | 11.36 | 2.96 | -.048 | 11.339 | -.272 | 54 | 8.8925 | .2626 | .0310 | .1631 | .1588 |
| 3 | DOSE | 56 | 2.33 | 2.00 | 11.46 | 2.43 | -.068 | 11.624 | -.414 | 54 | 6.0166 | .2140 | .0273 | .2559 | .1074 |
| | LOG DOSE | 56 | -.47 | 2.30 | 11.46 | 2.43 | -.139 | 11.400 | -.973 | 54 | 5.9318 | .2124 | .0203 | .1103 | .1059 |
| 4 | DOSE | 55 | 2.46 | 2.00 | 11.42 | 2.25 | -.031 | 11.494 | -.198 | 53 | 5.1543 | .1988 | .0239 | .2386 | .0937 |
| | LOG DOSE | 55 | -.32 | 2.26 | 11.42 | 2.25 | .068 | 11.440 | .500 | 53 | 5.1340 | .1984 | .0186 | .0952 | .0933 |
| 5 | DOSE | 51 | 2.61 | 2.05 | 10.84 | 2.68 | -.234 | 11.453 | -1.271 | 49 | 7.0876 | .2455 | .0338 | .3690 | .1390 |
| | LOG DOSE | 51 | -.23 | 2.26 | 10.84 | 2.68 | -.163 | 10.806 | -.973 | 49 | 7.1825 | .2472 | .0282 | .1423 | .1408 |
| 6 | DOSE | 56 | 2.47 | 2.09 | 11.66 | 2.53 | .130 | 11.339 | .796 | 54 | 6.4530 | .2178 | .0268 | .2783 | .1152 |
| | LOG DOSE | 56 | -.43 | 2.33 | 11.66 | 2.53 | .144 | 11.722 | .985 | 54 | 6.4135 | .2172 | .0214 | .1185 | .1145 |
| 7 | DOSE | 52 | 2.41 | 2.09 | 11.60 | 3.26 | .203 | 11.106 | .926 | 50 | 10.6674 | .2817 | .0481 | .4856 | .2051 |
| | LOG DOSE | 52 | -.47 | 2.34 | 11.60 | 3.26 | .236 | 11.708 | 1.217 | 50 | 10.5312 | .2799 | .0377 | .2111 | .2027 |
| 8 | DOSE | 58 | 2.51 | 2.03 | 12.17 | 2.51 | -.053 | 12.306 | -.322 | 56 | 6.3860 | .2076 | .0272 | .2815 | .1101 |
| | LOG DOSE | 58 | -.31 | 2.27 | 12.17 | 2.51 | -.034 | 12.162 | -.228 | 56 | 6.3918 | .2077 | .0217 | .1122 | .1102 |
| | | | | | | | MULTIPLE TREATMENTS | | | | | | | | |
| 1 | DOSE | 51 | 2.31 | 1.98 | 11.84 | 2.24 | -.160 | 12.213 | -.997 | 49 | 5.0156 | .1891 | .0256 | .2357 | .0983 |
| | LOG DOSE | 51 | -.45 | 2.29 | 11.84 | 2.24 | -.201 | 11.752 | -1.472 | 49 | 4.9005 | .1869 | .0186 | .0999 | .0961 |
| 2 | DOSE | 49 | 2.66 | 1.93 | 11.04 | 3.02 | -.085 | 11.266 | -.371 | 47 | 9.2902 | .2761 | .0522 | .5591 | .1896 |
| | LOG DOSE | 49 | -.03 | 2.13 | 11.04 | 3.02 | -.147 | 11.036 | -.716 | 47 | 9.2168 | .2750 | .0423 | .1881 | .1881 |
| 3 | DOSE | 59 | 2.47 | 2.04 | 11.83 | 1.59 | -.136 | 12.166 | -1.337 | 57 | 2.4887 | .1333 | .0103 | .1051 | .0422 |
| | LOG DOSE | 59 | -.36 | 2.29 | 11.83 | 1.59 | -.108 | 11.792 | -1.194 | 57 | 2.5041 | .1338 | .0082 | .0435 | .0424 |
| 4 | DOSE | 53 | 2.51 | 2.01 | 11.98 | 2.00 | .130 | 11.654 | .940 | 51 | 4.0279 | .1675 | .0192 | .1968 | .0760 |
| | LOG DOSE | 53 | -.28 | 2.26 | 11.98 | 2.00 | .109 | 12.012 | .881 | 51 | 4.0362 | .1677 | .0152 | .0774 | .0762 |
| 5 | DOSE | 55 | 2.51 | 2.03 | 11.47 | 2.59 | .056 | 11.332 | .320 | 53 | 6.8115 | .2275 | .0306 | .3169 | .1238 |
| | LOG DOSE | 55 | -.30 | 2.27 | 11.47 | 2.59 | .033 | 11.483 | .209 | 53 | 6.8191 | .2276 | .0245 | .1262 | .1240 |
| 6 | DOSE | 56 | 2.64 | 2.03 | 11.21 | 3.30 | .190 | 10.712 | .867 | 54 | 10.9115 | .2946 | .0479 | .5298 | .1948 |
| | LOG DOSE | 56 | -.18 | 2.24 | 11.21 | 3.30 | .120 | 11.236 | .603 | 54 | 10.9898 | .2956 | .0400 | .1975 | .1962 |
| 7 | DOSE | 57 | 2.42 | 2.04 | 12.14 | 2.00 | -.241 | 12.724 | -1.879 | 55 | 3.8419 | .1615 | .0164 | .1637 | .0674 |
| | LOG DOSE | 57 | -.42 | 2.31 | 12.14 | 2.00 | -.230 | 12.045 | -2.039 | 55 | 3.8014 | .1606 | .0127 | .0689 | .0667 |

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 | 62 | 2.27 | 2.05 | 11.97 | 3.20 | .454 | 10.939 | 2.355 | 60 | 9.5499 | .2582 | .0372 | .3448 | .1540 |
| 2 | DOSE | 76 | 1.78 | 2.03 | 10.68 | 3.45 | .188 | 10.348 | .957 | 74 | 11.9390 | .3234 | .0387 | .2804 | .1571 |
| 3 | DOSE | 74 | 1.76 | 2.01 | 11.36 | 2.51 | -.007 | 11.377 | -.048 | 72 | 6.3769 | .2222 | .0217 | .1536 | .0862 |
| 4 | DOSE | 74 | 1.83 | 2.03 | 11.11 | 2.88 | .117 | 10.893 | .704 | 72 | 8.3747 | .2605 | .0278 | .2063 | .1132 |
| 5 | DOSE | 67 | 1.98 | 2.10 | 10.69 | 2.86 | -.096 | 10.878 | -.574 | 65 | 8.2416 | .2686 | .0282 | .2341 | .1230 |
| 6 | DOSE | 68 | 2.03 | 2.12 | 11.82 | 2.70 | .030 | 11.764 | .189 | 66 | 7.3882 | .2299 | .0246 | .2100 | .1086 |
| 7 | DOSE | 69 | 1.82 | 2.09 | 11.29 | 3.40 | .282 | 10.777 | 1 439 | 67 | 11.3534 | .2985 | .0383 | .2914 | .1645 |
| 8 | DOSE | 78 | 1.87 | 2.06 | 12.13 | 2.39 | -.018 | 12.162 | -.138 | 76 | 5.7975 | .1985 | .0177 | .1358 | .0743 |
| | | | | | | | MULTIPLE TREATMENTS | | | | | | | | |
| 1 | DOSE | 62 | 1.90 | 2.00 | 11.90 | 2.12 | -.157 | 12.202 | -1.162 | 60 | 4.4568 | .1774 | .0183 | .1381 | .0719 |
| 2 | DOSE | 65 | 2.01 | 2.03 | 11.15 | 2.88 | -.113 | 11.381 | -.634 | 63 | 8.3982 | .2598 | .0319 | .2575 | .1292 |
| 3 | DOSE | 74 | 1.97 | 2.07 | 11.74 | 1.65 | -.064 | 11.869 | -.684 | 72 | 2.7339 | .1408 | .0087 | .0707 | .0369 |
| 4 | DOSE | 71 | 1.87 | 2.05 | 11.75 | 2.07 | .199 | 11.374 | 1.670 | 69 | 4.1711 | .1739 | .0142 | .1064 | .0587 |
| 5 | DOSE | 69 | 2.00 | 2.07 | 11.54 | 2.70 | .013 | 11.511 | .079 | 67 | 7.4196 | .2361 | .0254 | .2090 | .1075 |
| 6 | DOSE | 73 | 2.03 | 2.10 | 11.38 | 3.41 | .057 | 11.268 | .297 | 71 | 11.7496 | .3011 | .0369 | .3125 | .1610 |
| 7 | DOSE | 76 | 1.82 | 2.06 | 12.05 | 1.97 | -.139 | 12.306 | -1.268 | 74 | 3.8328 | .1624 | .0121 | .0903 | .0504 |

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 | | | 71-4 30 MG/KG | | | | | 71-4 2.5 G/KG | | | | | 71-4 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 | 9 | 1.02 | .87 | 15 | .84 | .63 | 22 | .564 | 20 | .41 | .31 | 27 | 2.808 | 18 | .52 | .28 | 25 | 2.233 | 11 | 1.33 | .80 | 18 | .646 |
| 2 | 20 | .97 | .67 | 19 | .60 | .55 | 37 | 1.525 | 20 | .40 | .28 | 38 | 3.539 | 17 | .71 | .61 | 35 | 1.239 | 20 | .97 | .54 | 38 | .006 |
| 3 | 18 | .59 | .42 | 20 | .48 | .42 | 36 | .808 | 20 | .61 | .46 | 36 | .162 | 16 | .33 | .13 | 32 | 2.333 | 17 | .74 | .64 | 33 | .842 |
| 4 | 19 | .89 | .69 | 18 | .71 | .53 | 35 | .912 | 20 | .65 | .37 | 37 | 1.345 | 17 | .72 | .34 | 34 | .901 | 14 | 1.42 | .63 | 31 | 2.251 |
| 5 | 16 | .63 | .58 | 16 | .69 | .46 | 30 | .831 | 17 | .61 | .40 | 31 | 1.301 | 18 | .89 | .54 | 32 | .295 | 17 | .71 | .39 | 31 | .728 |
| 6 | 12 | .51 | .52 | 20 | .56 | .42 | 30 | .301 | 17 | .48 | .31 | 27 | .208 | 19 | .60 | .48 | 29 | .481 | 20 | .52 | .41 | 30 | .082 |
| 7 | 17 | .76 | .64 | 19 | .69 | .63 | 34 | .308 | 16 | .50 | .25 | 31 | 1.525 | 17 | .60 | .64 | 32 | .750 | 18 | .76 | .49 | 33 | .000 |
| 8 | 20 | .66 | .45 | 19 | .56 | .43 | 37 | .717 | 20 | .50 | .25 | 38 | 1.364 | 19 | .55 | .51 | 37 | .699 | 20 | .45 | .43 | 38 | 1.482 |
| MULTIPLE TREATMENT | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 11 | .48 | .27 | 18 | .50 | .34 | 27 | .100 | 19 | .55 | .42 | 28 | .461 | 14 | .52 | .25 | 23 | .307 | | | | | |
| 2 | 16 | .43 | .30 | 13 | .43 | .19 | 27 | .065 | 20 | .68 | .63 | 34 | 1.455 | 16 | .52 | .59 | 30 | .586 | | | | | |
| 3 | 15 | .69 | .21 | 20 | .54 | .29 | 33 | 1.642 | 20 | .70 | .35 | 33 | .120 | 19 | .55 | .33 | 32 | 1.448 | | | | | |
| 4 | 18 | .62 | .33 | 17 | .65 | .36 | 33 | .260 | 19 | .55 | .33 | 35 | .607 | 17 | .49 | .26 | 33 | 1.301 | | | | | |
| 5 | 14 | .55 | .56 | 18 | .60 | .43 | 30 | .275 | 19 | .56 | .37 | 31 | .084 | 18 | .63 | .45 | 30 | .453 | | | | | |
| 6 | 17 | .72 | .61 | 17 | .66 | .60 | 32 | .263 | 19 | .66 | .62 | 34 | .302 | 20 | .64 | .51 | 35 | .428 | | | | | |
| 7 | 19 | .67 | .35 | 20 | .36 | .18 | 37 | 3.524 | 19 | .59 | .30 | 36 | .776 | 18 | .52 | .49 | 35 | 1.096 | | | | | |

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

| WEEK | CONTROL | | | 71-4 30 MG/KG | | | | | 71-4 2.5 G/KG | | | | | 71-4 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 | 9 | .47 | .18 | 15 | .47 | .27 | 22 | .023 | 20 | .47 | .34 | 27 | .037 | 18 | .50 | .36 | 25 | .260 | 11 | .93 | .56 | 19 | 2.315 |
| 2 | 20 | .46 | .24 | 19 | .52 | .29 | 37 | .692 | 20 | .46 | .29 | 38 | .061 | 17 | .45 | .24 | 35 | .136 | 20 | 1.56 | .51 | 38 | 8.670 |
| 3 | 18 | .43 | .25 | 20 | .46 | .47 | 36 | .191 | 20 | .42 | .23 | 36 | .146 | 16 | .43 | .19 | 32 | .018 | 17 | 1.70 | .62 | 33 | 7.990 |
| 4 | 19 | .53 | .27 | 18 | .45 | .26 | 35 | .848 | 20 | .41 | .21 | 37 | 1.486 | 17 | .53 | .33 | 34 | .061 | 14 | 1.12 | .59 | 31 | 3.894 |
| 5 | 16 | .46 | .33 | 16 | .56 | .31 | 30 | .896 | 17 | .61 | .37 | 31 | 1.215 | 18 | .54 | .26 | 32 | .765 | 17 | 1.06 | .61 | 31 | 3.471 |
| 6 | 12 | .55 | .30 | 20 | .53 | .34 | 30 | .176 | 17 | .43 | .26 | 27 | 1.153 | 19 | .74 | .48 | 29 | 1.183 | 20 | .52 | .27 | 30 | .331 |
| 7 | 17 | .49 | .30 | 19 | .45 | .31 | 34 | .415 | 16 | .40 | .24 | 31 | .954 | 17 | .49 | .39 | 32 | .042 | 18 | .46 | .20 | 33 | .353 |
| 8 | 20 | .48 | .25 | 19 | .43 | .25 | 37 | .619 | 20 | .42 | .24 | 38 | .737 | 19 | .48 | .33 | 37 | .081 | 20 | .41 | .32 | 38 | .667 |
| MULTIPLE TREATMENT | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 11 | .53 | .34 | 18 | .61 | .38 | 27 | .607 | 19 | .48 | .35 | 28 | .379 | 14 | .69 | .58 | 23 | .827 | | | | | |
| 2 | 16 | .46 | .35 | 13 | .64 | .33 | 27 | 1.483 | 20 | .62 | .36 | 34 | 1.375 | 16 | .47 | .26 | 30 | .130 | | | | | |
| 3 | 15 | .66 | .32 | 20 | .56 | .36 | 33 | .870 | 20 | .46 | .24 | 33 | 2.143 | 19 | .40 | .24 | 32 | 2.694 | | | | | |
| 4 | 18 | .54 | .34 | 17 | .64 | .43 | 33 | .729 | 19 | .64 | .32 | 35 | .876 | 17 | .51 | .27 | 33 | .338 | | | | | |
| 5 | 14 | .51 | .22 | 18 | .57 | .34 | 30 | .532 | 19 | .57 | .32 | 31 | .620 | 18 | .38 | .21 | 30 | 1.716 | | | | | |
| 6 | 17 | .65 | .37 | 17 | .47 | .31 | 32 | 1.525 | 19 | .46 | .23 | 34 | 1.854 | 20 | .45 | .21 | 35 | 2.025 | | | | | |
| 7 | 19 | .45 | .29 | 20 | .66 | .34 | 37 | 2.053 | 19 | .43 | .34 | 36 | .199 | 18 | .46 | .26 | 35 | .166 | | | | | |

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

| WEEK | VEHICLE CONTROL | | | | 71-4 30 MG/KG | | | | 71-4 2.5 G/KG | | | | 71-4 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 | 5 | 9 | .56 | 0.00 | 6 | 15 | .40 | .10 | 7 | 20 | .35 | .40 | 8 | 18 | .44 | .02 | 8 | 11 | .73 | .11 |
| 2 | 7 | 20 | .35 | 0.00 | 9 | 19 | .47 | .21 | 7 | 20 | .35 | .11 | 6 | 17 | .35 | .11 | 20 | 20 | 1.00 | 16.41 |
| 3 | 5 | 18 | .28 | 0.00 | 4 | 20 | .20 | .03 | 6 | 20 | .30 | .04 | 6 | 16 | .38 | .06 | 17 | 17 | 1.00 | 16.56 |
| 4 | 10 | 19 | .53 | 0.00 | 7 | 18 | .39 | .26 | 7 | 20 | .35 | .62 | 8 | 17 | .47 | 0.00 | 12 | 14 | .86 | 2.62 |
| 5 | 5 | 16 | .31 | 0.00 | 9 | 16 | .56 | 1.14 | 10 | 17 | .59 | 1.64 | 10 | 18 | .56 | 1.16 | 13 | 17 | .76 | 5.10 |
| 6 | 7 | 12 | .58 | 0.00 | 9 | 20 | .45 | .13 | 5 | 17 | .29 | 1.38 | 11 | 19 | .58 | .12 | 10 | 20 | .50 | .01 |
| 7 | 7 | 17 | .41 | 0.00 | 6 | 19 | .32 | .06 | 4 | 16 | .25 | .38 | 5 | 17 | .29 | .13 | 9 | 18 | .50 | .03 |
| 8 | 9 | 20 | .45 | 0.00 | 6 | 19 | .32 | .28 | 6 | 20 | .30 | .43 | 7 | 19 | .37 | .04 | 5 | 20 | .25 | .99 |
| MULTIPLE TREATMENT | | | | | | | | | | | | | | | | | | | | |
| 1 | 5 | 11 | .45 | 0.00 | 10 | 18 | .56 | .02 | 6 | 19 | .32 | .13 | 7 | 14 | .50 | .03 | | | | |
| 2 | 4 | 16 | .25 | 0.00 | 8 | 13 | .62 | 2.58 | 11 | 20 | .55 | 2.17 | 6 | 16 | .38 | .15 | | | | |
| 3 | 11 | 15 | .73 | 0.00 | 9 | 20 | .45 | 1.77 | 9 | 20 | .45 | 1.77 | 5 | 19 | .26 | 5.67 | | | | |
| 4 | 8 | 18 | .44 | 0.00 | 9 | 17 | .53 | .03 | 12 | 19 | .63 | .66 | 8 | 17 | .47 | .03 | | | | |
| 5 | 8 | 14 | .57 | 0.00 | 9 | 18 | .50 | .00 | 10 | 19 | .53 | .01 | 4 | 18 | .22 | 2.74 | | | | |
| 6 | 11 | 17 | .65 | 0.00 | 6 | 17 | .35 | 1.88 | 8 | 19 | .42 | 1.04 | 9 | 20 | .45 | .75 | | | | |
| 7 | 6 | 19 | .32 | 0.00 | 13 | 20 | .65 | 3.12 | 4 | 19 | .21 | .14 | 7 | 18 | .39 | .01 | | | | |

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

| | 30 MG/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 | 15 | 7 | 20 | 8 | 18 | .35 | .08 | .27 |
| 2 | 9 | 19 | 7 | 20 | 6 | 17 | .79 | .57 | .22 |
| 3 | 4 | 20 | 6 | 20 | 6 | 16 | 1.36 | 1.35 | .01 |
| 4 | 7 | 18 | 7 | 20 | 8 | 17 | .57 | .24 | .34 |
| 5 | 9 | 16 | 10 | 17 | 10 | 18 | .04 | .00 | .04 |
| 6 | 9 | 20 | 5 | 17 | 11 | 19 | 2.95 | .63 | 2.32 |
| 7 | 6 | 19 | 4 | 16 | 5 | 17 | .19 | .02 | .16 |
| 8 | 6 | 19 | 6 | 20 | 7 | 19 | .22 | .12 | .10 |
| | | | | | | | MULTIPLE TREATMENT | | |
| 1 | 10 | 18 | 6 | 19 | 7 | 14 | 2.33 | .18 | 2.16 |
| 2 | 8 | 13 | 11 | 20 | 6 | 16 | 1.87 | 1.73 | .14 |
| 3 | 9 | 20 | 9 | 20 | 5 | 19 | 1.89 | 1.41 | .48 |
| 4 | 9 | 17 | 12 | 19 | 8 | 17 | .97 | .12 | .85 |
| 5 | 9 | 18 | 10 | 19 | 4 | 18 | 4.25 | 2.67 | 1.33 |
| 6 | 6 | 17 | 8 | 19 | 9 | 20 | .37 | .35 | .02 |
| 7 | 13 | 20 | 4 | 19 | 7 | 18 | 7.83 | 2.85 | 4.98 |

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

| | 30 MG/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 | 15 | 7 | 20 | 8 | 18 | .35 | .00 | .35 |
| 2 | 9 | 19 | 7 | 20 | 6 | 17 | .79 | .77 | .02 |
| 3 | 4 | 20 | 6 | 20 | 6 | 16 | 1.36 | 1.23 | .13 |
| 4 | 7 | 18 | 7 | 20 | 8 | 17 | .57 | .04 | .53 |
| 5 | 9 | 16 | 10 | 17 | 10 | 18 | .04 | .00 | .04 |
| 6 | 9 | 20 | 5 | 17 | 11 | 19 | 2.95 | .03 | 2.92 |
| 7 | 6 | 19 | 4 | 16 | 5 | 17 | .19 | .09 | .10 |
| 8 | 6 | 19 | 6 | 20 | 7 | 19 | .22 | .04 | .19 |
| | | | | | | | MULTIPLE TREATMENT | | |
| 1 | 10 | 18 | 6 | 19 | 7 | 14 | 2.33 | .95 | 1.39 |
| 2 | 8 | 13 | 11 | 20 | 6 | 16 | 1.87 | 1.05 | .83 |
| 3 | 9 | 20 | 9 | 20 | 5 | 19 | 1.89 | .68 | 1.22 |
| 4 | 9 | 17 | 12 | 19 | 8 | 17 | .97 | .00 | .97 |
| 5 | 9 | 18 | 10 | 19 | 4 | 18 | 4.25 | 1.18 | 3.07 |
| 6 | 6 | 17 | 8 | 19 | 9 | 20 | .37 | .36 | .01 |
| 7 | 13 | 20 | 4 | 19 | 7 | 18 | 7.83 | 5.86 | 1.97 |

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 | | 30 MG/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 | 5 | 9 | 6 | 15 | 7 | 20 | 8 | 18 | 1.15 | .02 | 1.13 |
| 2 | 7 | 20 | 9 | 19 | 7 | 20 | 6 | 17 | .91 | .22 | .70 |
| 3 | 5 | 18 | 4 | 20 | 6 | 20 | 6 | 16 | 1.37 | 1.08 | .29 |
| 4 | 10 | 19 | 7 | 18 | 7 | 20 | 8 | 17 | 1.48 | .01 | 1.46 |
| 5 | 5 | 16 | 9 | 16 | 10 | 17 | 10 | 13 | 3.24 | .83 | 2.41 |
| 6 | 7 | 12 | 9 | 20 | 5 | 17 | 11 | 19 | 3.67 | .10 | 3.56 |
| 7 | 7 | 17 | 6 | 19 | 4 | 16 | 5 | 17 | 1.07 | .37 | .71 |
| 8 | 9 | 20 | 6 | 19 | 6 | 20 | 7 | 19 | 1.18 | .06 | 1.13 |
| | | | | | | | MULTIPLE TREATMENT | | | | |
| 1 | 5 | 11 | 10 | 18 | 6 | 19 | 7 | 14 | 2.33 | .15 | 2.18 |
| 2 | 4 | 16 | 8 | 13 | 11 | 20 | 6 | 16 | 5.20 | .00 | 5.20 |
| 3 | 11 | 15 | 9 | 20 | 9 | 20 | 5 | 19 | 7.49 | 4.70 | 2.79 |
| 4 | 8 | 18 | 9 | 17 | 12 | 19 | 8 | 17 | 1.53 | .01 | 1.52 |
| 5 | 8 | 14 | 9 | 18 | 10 | 19 | 4 | 18 | 5.24 | 3.87 | 1.36 |
| 6 | 11 | 17 | 6 | 17 | 8 | 19 | 9 | 20 | 3.29 | .18 | 3.11 |
| 7 | 6 | 19 | 13 | 20 | 4 | 19 | 7 | 18 | 8.65 | 1.10 | 7.56 |

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 | .008 | 4.737 | .35 | 1 |
| 2 | -.151 | 4.701 | .02 | 1 |
| 3 | .208 | 4.463 | .11 | 1 |
| 4 | .037 | 4.752 | .52 | 1 |
| 5 | .006 | 5.173 | .04 | 1 |
| 6 | .028 | 4.870 | 2.91 | 1 |
| 7 | -.053 | 4.430 | .10 | 1 |
| 8 | .033 | 4.558 | .19 | 1 |
| | MULTIPLE TREATMENT | | | |
| 1 | -.173 | 4.841 | 1.42 | 1 |
| 2 | -.203 | 5.024 | .83 | 1 |
| 3 | -.137 | 4.696 | 1.27 | 1 |
| 4 | .009 | 5.120 | .97 | 1 |
| 5 | -.190 | 4.765 | 3.22 | 1 |
| 6 | .107 | 4.781 | .01 | 1 |
| 7 | -.412 | 4.717 | 2.17 | 1 |

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

| WEEK | CONTROL | | | 71-4 30 MG/KG | | | | | 71-4 2.5 G/KG | | | | | 71-4 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 | 9 | .58 | .16 | 15 | .61 | .55 | 22 | .148 | 20 | .49 | .35 | 27 | .776 | 18 | .52 | .39 | 25 | .425 | 11 | 1.43 | .83 | 18 | 2.991 |
| 2 | 20 | .56 | .30 | 19 | .62 | .51 | 37 | .502 | 20 | .48 | .31 | 38 | .816 | 17 | .50 | .25 | 35 | .652 | 20 | 1.89 | .55 | 38 | 9.505 |
| 3 | 18 | .47 | .31 | 20 | .54 | .65 | 36 | .397 | 20 | .46 | .29 | 36 | .098 | 16 | .44 | .20 | 32 | .360 | 17 | 1.98 | .62 | 33 | 9.290 |
| 4 | 19 | .62 | .31 | 18 | .50 | .29 | 35 | 1.283 | 20 | .45 | .26 | 37 | 1.073 | 17 | .58 | .38 | 34 | .360 | 14 | 1.80 | .91 | 31 | 5.276 |
| 5 | 16 | .59 | .61 | 16 | .60 | .30 | 30 | .029 | 17 | .65 | .39 | 31 | .309 | 18 | .60 | .26 | 32 | .065 | 17 | 1.19 | .74 | 31 | 2.504 |
| 6 | 12 | .61 | .38 | 20 | .56 | .36 | 30 | .355 | 17 | .44 | .27 | 27 | 1.404 | 19 | .78 | .49 | 29 | .985 | 20 | .56 | .33 | 30 | .433 |
| 7 | 17 | .59 | .41 | 19 | .58 | .56 | 34 | .029 | 16 | .42 | .25 | 31 | 1.459 | 17 | .54 | .39 | 32 | .387 | 18 | .51 | .20 | 33 | .776 |
| 8 | 20 | .52 | .30 | 19 | .47 | .32 | 37 | .552 | 20 | .43 | .24 | 38 | 1.068 | 19 | .52 | .33 | 37 | .005 | 20 | .43 | .32 | 38 | .908 |
| MULTIPLE TREATMENT | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 11 | .54 | .34 | 18 | .63 | .38 | 27 | .623 | 19 | .50 | .35 | 28 | .305 | 14 | .71 | .58 | 23 | .839 | | | | | |
| 2 | 16 | .47 | .36 | 13 | .65 | .33 | 27 | 1.455 | 20 | .75 | .57 | 34 | 1.735 | 16 | .61 | .61 | 30 | .797 | | | | | |
| 3 | 15 | .70 | .34 | 20 | .58 | .38 | 33 | .920 | 20 | .49 | .25 | 33 | 2.070 | 19 | .42 | .24 | 32 | 2.818 | | | | | |
| 4 | 18 | .57 | .34 | 17 | .67 | .44 | 33 | .772 | 19 | .67 | .36 | 35 | .888 | 17 | .52 | .27 | 33 | .463 | | | | | |
| 5 | 14 | .54 | .21 | 18 | .63 | .46 | 30 | .678 | 19 | .60 | .37 | 31 | .572 | 18 | .41 | .24 | 30 | 1.622 | | | | | |
| 6 | 17 | .79 | .55 | 17 | .51 | .31 | 32 | 1.783 | 19 | .57 | .49 | 34 | 1.258 | 20 | .55 | .48 | 35 | 1.389 | | | | | |
| 7 | 19 | .49 | .36 | 20 | .67 | .36 | 37 | 1.589 | 19 | .45 | .37 | 36 | .277 | 18 | .50 | .32 | 35 | .116 | | | | | |

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 | 3.450 | 9 | .383 | 1.500 | 10 | .150 | 4.950 | 19 | 2.556 |
| 2 | 0.000 | 9 | 0.000 | 0.000 | 10 | 0.000 | 0.000 | 19 | I |
| 3 | .800 | 9 | .089 | 1.000 | 10 | .100 | 1.800 | 19 | .889 |
| 4 | .450 | 9 | .050 | .500 | 10 | .050 | .950 | 19 | 1.000 |
| 5 | 1.200 | 9 | .133 | 2.000 | 10 | .200 | 3.200 | 19 | .667 |
| 6 | 3.800 | 9 | .422 | 1.000 | 10 | .100 | 4.800 | 19 | 4.222 |
| 7 | 1.050 | 9 | .117 | 1.500 | 10 | .150 | 2.550 | 19 | .778 |
| 8 | 0.000 | 9 | 0.000 | 0.000 | 10 | 0.000 | 0.000 | 19 | I |
| | | | | MULTIPLE TREATMENT | | | | | |
| 1 | 3.450 | 9 | .383 | 1.500 | 10 | .150 | 4.950 | 19 | 2.556 |
| 2 | 2.200 | 9 | .244 | 1.000 | 10 | .100 | 3.200 | 19 | 2.444 |
| 3 | 1.250 | 9 | .139 | 2.500 | 10 | .250 | 3.750 | 19 | .556 |
| 4 | .800 | 9 | .089 | 1.000 | 10 | .100 | 1.800 | 19 | .889 |
| 5 | 1.200 | 9 | .133 | 3.000 | 10 | .300 | 4.200 | 19 | .444 |
| 6 | 1.050 | 9 | .117 | 1.500 | 10 | .150 | 2.550 | 19 | .778 |
| 7 | .450 | 9 | .050 | .500 | 10 | .050 | .950 | 19 | 1.000 |

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 | 189.250 | 5 | 37.850 | 55.000 | 3 | 18.333 | 244.250 | 8 | 2.065 |
| 2 | 138.200 | 9 | 15.356 | 179.000 | 10 | 17.900 | 317.200 | 19 | .858 |
| 3 | 110.125 | 9 | 12.236 | 21.500 | 8 | 2.688 | 131.625 | 17 | 4.553 |
| 4 | 71.310 | 9 | 7.923 | 242.000 | 9 | 26.889 | 313.310 | 18 | .295 |
| 5 | 152.560 | 9 | 16.951 | 22.000 | 6 | 3.667 | 174.560 | 15 | 4.623 |
| 6 | 124.561 | 6 | 20.760 | 5.500 | 5 | 1.100 | 130.061 | 11 | 18.873 |
| 7 | 149.280 | 9 | 16.587 | 76.000 | 7 | 10.857 | 225.280 | 16 | 1.528 |
| 8 | 30.000 | 9 | 3.333 | 52.000 | 10 | 5.200 | 82.000 | 19 | .641 |
| | | | | MULTIPLE TREATMENT | | | | | |
| 1 | 17.474 | 6 | 2.912 | 4.500 | 4 | 1.125 | 21.974 | 10 | 2.589 |
| 2 | 44.049 | 8 | 5.506 | 48.000 | 7 | 6.857 | 92.049 | 15 | .803 |
| 3 | 27.750 | 9 | 3.083 | 22.000 | 5 | 4.400 | 49.750 | 14 | .701 |
| 4 | 24.980 | 9 | 2.776 | 54.000 | 8 | 6.750 | 78.980 | 17 | .411 |
| 5 | 65.540 | 9 | 7.282 | 69.000 | 4 | 17.250 | 134.540 | 13 | .422 |
| 6 | 219.930 | 9 | 24.437 | 18.000 | 7 | 2.571 | 237.930 | 16 | 9.503 |
| 7 | 22.160 | 9 | 2.462 | 41.000 | 9 | 4.556 | 63.160 | 18 | .540 |

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 | 108.562 | 5 | 21.712 | 50.500 | 3 | 16.833 | 159.062 | 8 | 1.290 |
| 2 | 86.800 | 9 | 9.644 | 60.000 | 10 | 6.000 | 146.800 | 19 | 1.607 |
| 3 | 30.605 | 9 | 3.401 | 8.500 | 8 | 1.063 | 39.105 | 17 | 3.201 |
| 4 | 81.047 | 9 | 9.005 | 147.500 | 9 | 16.389 | 228.547 | 18 | .549 |
| 5 | 67.160 | 9 | 7.462 | 28.000 | 6 | 4.667 | 95.160 | 15 | 1.599 |
| 6 | 73.500 | 6 | 12.250 | 1.500 | 5 | .300 | 75.000 | 11 | 40.833 |
| 7 | 127.842 | 9 | 14.205 | 43.500 | 7 | 6.214 | 171.342 | 16 | 2.286 |
| 8 | 56.200 | 9 | 6.244 | 73.000 | 10 | 7.300 | 129.200 | 19 | .855 |
| | | | | MULTIPLE TREATMENT | | | | | |
| 1 | 6.046 | 6 | 1.008 | 2.500 | 4 | .625 | 8.546 | 10 | 1.612 |
| 2 | 5.253 | 8 | .657 | 4.500 | 7 | .643 | 9.753 | 15 | 1.021 |
| 3 | 5.550 | 9 | .617 | 3.000 | 5 | .600 | 8.550 | 14 | 1.028 |
| 4 | 7.545 | 9 | .838 | 18.500 | 8 | 2.313 | 26.045 | 17 | .363 |
| 5 | 95.000 | 9 | 10.556 | 5.000 | 4 | 1.250 | 100.000 | 13 | 8.444 |
| 6 | 450.280 | 9 | 50.031 | 7.000 | 7 | 1.000 | 457.280 | 16 | 50.031 |
| 7 | 11.147 | 9 | 1.239 | 29.500 | 9 | 3.278 | 40.647 | 18 | .378 |

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 | 1.250 | 5 | .250 | 1.000 | 3 | .333 | 2.250 | 8 | .750 |
| 2 | 4.450 | 9 | .494 | 4.500 | 10 | .450 | 8.950 | 19 | 1.099 |
| 3 | 7.480 | 9 | .831 | 3.000 | 8 | .375 | 10.480 | 17 | 2.216 |
| 4 | 10.160 | 9 | 1.129 | 7.000 | 9 | .778 | 17.160 | 18 | 1.451 |
| 5 | 15.240 | 9 | 1.693 | 3.000 | 6 | .500 | 18.240 | 15 | 3.387 |
| 6 | 3.418 | 6 | .570 | 11.500 | 5 | 2.300 | 14.918 | 11 | .248 |
| 7 | 8.543 | 9 | .949 | 5.500 | 7 | .786 | 14.043 | 16 | 1.208 |
| 8 | 10.200 | 9 | 1.133 | 8.000 | 10 | .800 | 18.200 | 19 | 1.417 |
| | | | | MULTIPLE TREATMENT | | | | | |
| 1 | 14.413 | 6 | 2.402 | 8.500 | 4 | 2.125 | 22.913 | 10 | 1.130 |
| 2 | 14.827 | 8 | 1.853 | 21.000 | 7 | 3.000 | 35.827 | 15 | .618 |
| 3 | 8.337 | 9 | .926 | 7.500 | 5 | 1.500 | 15.837 | 14 | .613 |
| 4 | 24.000 | 9 | 2.667 | 6.000 | 8 | .750 | 30.000 | 17 | 3.556 |
| 5 | 2.715 | 9 | .302 | 2.500 | 4 | .625 | 5.215 | 13 | .483 |
| 6 | 42.520 | 9 | 4.724 | 12.000 | 7 | 1.714 | 54.520 | 16 | 2.756 |
| 7 | 5.147 | 9 | .572 | 11.500 | 9 | 1.278 | 16.647 | 18 | .448 |

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 | .008 | 5 | .002 | .005 | 3 | .002 | .013 | 8 | .940 |
| 2 | .098 | 9 | .011 | .091 | 10 | .009 | .189 | 19 | 1.203 |
| 3 | .088 | 9 | .010 | .062 | 8 | .008 | .150 | 17 | 1.253 |
| 4 | .123 | 9 | .014 | .084 | 9 | .009 | .207 | 18 | 1.462 |
| 5 | .675 | 9 | .075 | .506 | [illegible] | .084 | 1.181 | 15 | .890 |
| 6 | .211 | 6 | .035 | .083 | 5 | .017 | .294 | 11 | 2.119 |
| 7 | .288 | 9 | .032 | .082 | 7 | .012 | .370 | 16 | 2.733 |
| 8 | .087 | 9 | .010 | .051 | 10 | .005 | .138 | 19 | 1.921 |
| | | | | MULTIPLE TREATMENT | | | | | |
| 1 | .094 | 6 | .016 | .047 | 4 | .012 | .141 | 10 | 1.329 |
| 2 | .180 | 8 | .022 | .144 | 7 | .021 | .324 | 15 | 1.094 |
| 3 | .235 | 9 | .026 | .105 | 5 | .021 | .339 | 14 | 1.248 |
| 4 | .165 | 9 | .018 | .053 | 6 | .007 | .218 | 17 | 2.783 |
| 5 | .088 | 9 | .010 | .017 | 4 | .004 | .105 | 13 | 2.233 |
| 6 | .964 | 9 | .107 | .063 | 7 | .009 | 1.027 | 16 | 11.884 |
| 7 | .221 | 9 | .025 | .171 | 9 | .019 | .392 | 18 | 1.291 |

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

| WEEK | CONTROL | | | 71-4 30 MG/KG | | | | | 71-4 2.5 G/KG | | | | | 71-4 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 | 9 | 13.67 | 1.58 | 15 | 13.20 | 2.81 | 22 | .455 | 20 | 13.40 | 1.47 | 27 | .443 | 18 | 13.72 | 1.60 | 25 | .085 | 11 | 12.55 | 1.51 | 18 | 1.619 |
| 2 | 20 | 11.40 | 2.16 | 19 | 12.79 | 1.62 | 37 | 2.263 | 20 | 12.35 | 1.39 | 38 | 1.654 | 17 | 12.24 | 1.60 | 35 | 1.315 | 20 | 12.35 | 1.79 | 38 | 1.515 |
| 3 | 18 | 12.00 | 1.81 | 20 | 12.60 | 1.70 | 36 | 1.053 | 20 | 12.00 | 1.59 | 36 | 0.000 | 16 | 11.81 | 1.42 | 32 | .332 | 17 | 11.53 | 1.59 | 33 | .815 |
| 4 | 19 | 12.84 | 1.42 | 18 | 13.00 | 1.41 | 35 | .338 | 20 | 13.65 | 2.03 | 37 | 1.430 | 17 | 12.47 | 1.07 | 34 | .877 | 14 | 11.50 | 2.07 | 31 | 2.212 |
| 5 | 16 | 12.37 | 1.75 | 16 | 12.87 | 1.63 | 30 | .838 | 17 | 12.35 | 1.84 | 31 | .035 | 18 | 12.78 | 1.70 | 32 | .681 | 17 | 13.41 | 1.46 | 31 | 1.854 |
| 6 | 12 | 13.58 | 1.56 | 20 | 12.20 | 1.47 | 30 | 2.514 | 17 | 12.65 | 1.37 | 27 | 1.712 | 19 | 13.26 | 2.62 | 29 | .381 | 20 | 12.45 | 1.70 | 30 | 1.879 |
| 7 | 17 | 12.53 | 1.81 | 19 | 12.68 | 1.67 | 34 | .267 | 16 | 12.94 | 1.65 | 31 | .676 | 17 | 12.94 | 1.95 | 32 | .638 | 18 | 13.00 | 1.57 | 33 | .823 |
| 8 | 20 | 13.80 | 1.85 | 19 | 13.32 | 1.53 | 37 | .888 | 20 | 12.95 | 1.82 | 38 | 1.464 | 19 | 13.05 | 1.39 | 37 | 1.418 | 20 | 13.20 | 1.77 | 38 | 1.049 |
| MULTIPLE TREATMENT | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 11 | 12.82 | 1.17 | 18 | 13.28 | 1.45 | 27 | .889 | 19 | 12.05 | 1.65 | 28 | 1.352 | 14 | 12.50 | 1.70 | 23 | .530 | | | | | |
| 2 | 16 | 11.98 | 1.86 | 13 | 12.00 | 1.68 | 27 | .188 | 20 | 12.35 | 1.90 | 34 | .753 | 16 | 12.31 | 1.54 | 30 | .726 | | | | | |
| 3 | 15 | 12.60 | 1.76 | 20 | 13.05 | 1.36 | 33 | .854 | 20 | 13.65 | 2.64 | 33 | 1.331 | 19 | 12.37 | 1.01 | 32 | .482 | | | | | |
| 4 | 18 | 12.06 | 1.59 | 17 | 13.00 | 1.46 | 33 | 1.829 | 19 | 12.89 | 1.76 | 35 | 1.519 | 17 | 12.94 | 1.39 | 33 | 1.750 | | | | | |
| 5 | 14 | 13.07 | 2.30 | 18 | 12.50 | 1.50 | 30 | .847 | 19 | 12.32 | 2.14 | 31 | .972 | 19 | 12.89 | 1.37 | 30 | .280 | | | | | |
| 6 | 17 | 14.41 | 2.94 | 17 | 12.41 | 1.70 | 32 | 2.430 | 19 | 12.53 | 1.54 | 34 | 2.449 | 20 | 13.20 | 1.47 | 35 | 1.623 | | | | | |
| 7 | 19 | 13.21 | 1.27 | 20 | 13.10 | 1.29 | 37 | .269 | 19 | 12.84 | 1.54 | 36 | .805 | 18 | 12.89 | 1.91 | 35 | .607 | | | | | |