

クロロホルムのラット及びマウスを用いた
吸入によるがん原性予備試験報告書

TABLES

T A B L E S

- TABLE 1 EXPERIMENTAL DESIGN AND MATERIALS AND METHODS
IN THE INHALATION STUDIES OF CHLOROFORM
- TABLE 2 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN MALE RAT
(TWO-WEEK STUDY)
- TABLE 3 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN FEMALE RAT
(TWO-WEEK STUDY)
- TABLE 4 FOOD CONSUMPTION IN MALE RAT (TWO-WEEK STUDY)
- TABLE 5 FOOD CONSUMPTION IN FEMALE RAT (TWO-WEEK STUDY)
- TABLE 6 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN MALE RAT
(THIRTEEN-WEEK STUDY)
- TABLE 7 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN FEMALE RAT
(THIRTEEN-WEEK STUDY)
- TABLE 8 FOOD CONSUMPTION IN MALE RAT (THIRTEEN-WEEK STUDY)
- TABLE 9 FOOD CONSUMPTION IN FEMALE RAT (THIRTEEN-WEEK STUDY)
- TABLE 10 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN MALE MOUSE
(TWO-WEEK STUDY)
- TABLE 11 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN FEMALE MOUSE
(TWO-WEEK STUDY)
- TABLE 12 FOOD CONSUMPTION IN MALE MOUSE (TWO-WEEK STUDY)
- TABLE 13 FOOD CONSUMPTION IN FEMALE MOUSE (TWO-WEEK STUDY)

T A B L E S (CONTINUED)

TABLE 14 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN MALE MOUSE
(THIRTEEN-WEEK STUDY)

TABLE 15 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN FEMALE MOUSE
(THIRTEEN-WEEK STUDY)

TABLE 16 FOOD CONSUMPTION IN MALE MOUSE (THIRTEEN-WEEK STUDY)

TABLE 17 FOOD CONSUMPTION IN FEMALE MOUSE (THIRTEEN-WEEK STUDY)

TABLE 1 EXPERIMENTAL DESIGN AND MATERIALS AND METHODS IN THE INHALATION STUDIES OF CHLOROFORM

| Two-week study | Thirteen-week Study |
|---|--|
| <Method of Administration> Inhalation | Inhalation |
| <Number of Group> Male 6, Female 6 | Male 6, Female 6 |
| <Size of Group> 10 males and 10 females of each group | 10 males and 10 females of each groups |
| <Animals> Strain and Species F344/Ducrj(Fischer)rat Crj:BDF ₁ mouse Animal Source Charles River Japan, Inc. Quarantine and Acclimation 2 wk Age When Placed on Study 6 wk old Age When Killed 8 wk old | F344/Ducrj(Fischer)rat Crj:BDF ₁ mouse Charles River Japan, Inc. 2 wk 6 wk old 19 wk old |
| <Doses> Rat--0, 500, 1000, 2000, 4000,8000ppm Mouse--0, 500, 1000, 2000, 4000,8000ppm | Rat--0, 25, 50, 100, 200,400ppm Mouse--0, 12, 25, 50, 100,200ppm |
| <Duration of Dosing> 5d/wk for 2wk | 5d/wk for 13wk |
| <Animal Maintenance> Feed CRF-1 (Oriental Yeast Co.,Ltd.) Sterilized by γ -ray Available <i>ad libitum</i> Water Sterilized by ultraviolet rays Automatic watering system Available <i>ad libitum</i> Animal per Cage Single (stainless steel wire) Animal Room Environment Barrier system Temperature:24 \pm 2°C Humidity :55 \pm 10% Fluorescent light 12h/d 15-17 room air changes /h Chamber Environment Temperature:22~26°C Humidity :45~70% Fluorescent light 12h/d 12 \pm 1 room air changes /h | Same as two-week study Same as two-week study Same as two-week study Single (stainless steel wire) Same as two-week study Same as two-week study |
| <Type and Frequency of Observation> Clinical sign Observed 1 / d Body weight Weighed 0-0, 1-1, 1-7, and 2-7 (wk-d) Food Consumption Weighed 1-7, 2-7 (wk-d) | Observed 1 / d Weighed 1 / wk for 13wk Weighed 1 / wk for 13wk |

TABLE 1 EXPERIMENTAL DESIGN AND MATERIALS AND METHODS IN THE INHALATION STUDIES OF CHLOROFORM (Continued)

| Two-week Study | Thirteen-week Study |
|--|---|
| <p><Hematology> Red blood cell (RBC), Hemoglobin, Hematocrit, Mean corpuscular volume (MCV), Mean corpuscular hemoglobin (MCH), Mean corpuscular hemoglobin concentration (MCHC), Platelet, White blood cell (WBC), Differential WBC.</p> | Same as two-week study |
| <p><Biochemistry> Total protein, Albumin, T-bilirubin, Glucose, T-cholesterol, Glutamic oxaloacetic transaminase (GOT), Glutamic pyruvic transaminase (GPT), Lactate dehydrogenase (LDH), Creatine phosphokinase (CPK), Urea nitrogen, Creatinine <rat only>, Sodium, Potassium, Chloride, Calcium, Inorganic phosphorus.</p> | <p>Total protein, Albumin, A/G ratio, T-bilirubin, Glucose, T-cholesterol, Triglyceride, Phospholipid <rat only>, Glutamic oxaloacetic transaminase (GOT), Glutamic pyruvic transaminase (GPT), Lactate dehydrogenase (LDH), Alkaline phosphatase (ALP), Leucine aminopeptidase (LAP) <rat only>,, γ -Glutamy transpeptidase (G-GTP) <rat only>, Creatine phosphokinase (CPK), Urea nitrogen, Creatinine <rat only>, Sodium, Potassium, Chloride, Calcium, Inorganic phosphorus.</p> |
| <p><Urinalysis> None</p> | <p>pH, Protein, Glucose, Ketone body Bilirubin <rat only>, Occult blood Urobilinogen.</p> |
| <p><Necropsy> Necropsy performed on all animals.</p> | Same as two-week studies. |
| <p><Organ weight> None</p> | <p>Organ weight measurement performed on scheduled sacrificed animals. The following organs were weighed: brain, lung, liver, spleen, heart, kidney, adrenal, testis, ovary, thymus.</p> |
| <p><Histopathologic Examination> Histopathologic examination performed on at least two animals per sex per groups.</p> <p>The following organs were examined: nasal cavity, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, stomach, small intestine, large intestine, liver, pancreas, kidney, pituitary, adrenal, testis, ovary, brain, muscle.</p> | <p>Histopathologic examination performed on all animals.</p> <p>The following organs were examined: skin, nasal cavity, trachea, lung, bone marrow, lymph node, thymus, spleen, heart, tongue, salivary gland, esophagus, stomach, small intestine, large intestine, liver, pancreas, kidney, urinary bladder, pituitary, thyroid, adrenal, testis, epididymis, seminal vesicle, prostate, ovary, uterus, vagina, mammary gland, brain, spinal cord, peripheral nerve, eye, Harderian gland, muscle, bone.</p> |

TABLE 2 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN MALE RAT (TWO-WEEK STUDY)

| Week-Day on Study | 0 ppm | | | 500 ppm | | | 1000 ppm | | | 2000 ppm | | | 4000 ppm | | | 8000 ppm | | |
|-------------------|----------|----------------|------------|----------|----------------|------------|----------|----------------|------------|----------|----------------|------------|----------|----------------|------------|----------|----------------|------------|
| | Au.Wt. | No. of Surviv. | % of cont. | Au.Wt. | No. of Surviv. | % of cont. | Au.Wt. | No. of Surviv. | % of cont. | Au.Wt. | No. of Surviv. | % of cont. | Au.Wt. | No. of Surviv. | % of cont. | Au.Wt. | No. of Surviv. | % of cont. |
| 0-0 | 118 (10) | 10/10 | 100 | 118 (10) | 10/10 | 100 | 118 (10) | 10/10 | 100 | 119 (10) | 10/10 | 101 | 119 (10) | 10/10 | 100 | 118 (10) | 10/10 | 100 |
| 1-1 | 122 (10) | 10/10 | 93 | 112 (10) | 92 | 10/10 | 105 (10) | 86 | 10/10 | 103 (10) | 84 | 8/10 | - (-) | - | 0/10 | - (-) | - | 0/10 |
| 1-3 | 128 (10) | 10/10 | 95 | 118 (10) | 92 | 10/10 | 92 (9) | 72 | 0/10 | 90 (7) | 70 | 0/10 | - (-) | - | 0/10 | - (-) | - | 0/10 |
| 1-7 | 140 (10) | 10/10 | 89 | 118 (10) | 84 | 10/10 | - (-) | - | 0/10 | - (-) | - | 0/10 | - (-) | - | 0/10 | - (-) | - | 0/10 |
| 2-3 | 150 (10) | 10/10 | 93 | 132 (10) | 88 | 10/10 | - (-) | - | 0/10 | - (-) | - | 0/10 | - (-) | - | 0/10 | - (-) | - | 0/10 |
| 2-7 | 165 (10) | 10/10 | 85 | 131 (10) | 70 | 10/10 | - (-) | - | 0/10 | - (-) | - | 0/10 | - (-) | - | 0/10 | - (-) | - | 0/10 |

< >: No. of effective animals, (): No. of measured animals Au.Wt.: g

TABLE 3 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN FEMALE RAT (TWO-WEEK STUDY)

| Week-Day on Study | 0 ppm | | | 500 ppm | | | 1000 ppm | | | 2000 ppm | | | 4000 ppm | | | 8000 ppm | | |
|-------------------|----------|----------------|------------|----------|----------------|------------|----------|----------------|------------|----------|----------------|------------|----------|----------------|------------|----------|----------------|------------|
| | Au.Wt. | No. of Surviv. | % of cont. | Au.Wt. | No. of Surviv. | % of cont. | Au.Wt. | No. of Surviv. | % of cont. | Au.Wt. | No. of Surviv. | % of cont. | Au.Wt. | No. of Surviv. | % of cont. | Au.Wt. | No. of Surviv. | % of cont. |
| 0-0 | 98 (10) | 10/10 | 100 | 98 (10) | 10/10 | 100 | 98 (10) | 10/10 | 100 | 98 (10) | 10/10 | 100 | 98 (10) | 10/10 | 100 | 98 (10) | 10/10 | 100 |
| 1-1 | 100 (10) | 10/10 | 94 | 91 (10) | 91 | 10/10 | 88 (10) | 89 | 10/10 | 85 (10) | 85 | 10/10 | 85 (10) | 85 | 10/10 | 96 (3) | 96 | 0/10 |
| 1-3 | 103 (10) | 10/10 | 95 | 94 (10) | 91 | 10/10 | 75 (10) | 73 | 0/10 | 75 (10) | 73 | 1/10 | - (-) | - | 0/10 | - (-) | - | 0/10 |
| 1-7 | 108 (10) | 10/10 | 88 | 90 (10) | 83 | 10/10 | - (-) | - | 0/10 | - (-) | - | 0/10 | - (-) | - | 0/10 | - (-) | - | 0/10 |
| 2-3 | 115 (10) | 10/10 | 90 | 104 (10) | 87 | 10/10 | - (-) | - | 0/10 | - (-) | - | 0/10 | - (-) | - | 0/10 | - (-) | - | 0/10 |
| 2-7 | 122 (10) | 10/10 | 84 | 103 (10) | 80 | 10/10 | - (-) | - | 0/10 | - (-) | - | 0/10 | - (-) | - | 0/10 | - (-) | - | 0/10 |

< >: No. of effective animals, (): No. of measured animals Au.Wt.: g

TABLE 4 FOOD CONSUMPTION IN MALE RAT (TWO-WEEK STUDY)

| Week-Day on Study | 0 ppm | | | | 500 ppm | | | | 1000 ppm | | | | 2000 ppm | | | | 4000 ppm | | | | 8000 ppm | | | |
|----------------------|-----------|-------------------|-----------------------|-------------------|-----------|-------------------|-----------------------|-------------------|-----------|-------------------|-----------------------|-------------------|----------|-------------------|-----------------------|-------------------|----------|-------------------|-----------------------|-------------------|----------|-------------------|-----------------------|-------------------|
| | Au.F.C. | No. of Surviv. | % of cont. <10> | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. <10> | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. <10> | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. <10> | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. <10> | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. <10> | No. of Surviv. |
| 1-7 | 13.2 (10) | 10/10 | 84 | 10/10 | 11.1 (10) | 10/10 | 77 | 10/10 | 10.2 (10) | 10/10 | 92 | 10/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 |
| 2-7 | 14.8 (10) | 10/10 | 94 | 10/10 | 13.9 (10) | 10/10 | 92 | 10/10 | 13.6 (10) | 10/10 | 92 | 10/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 |

< >:No. of effective animals, ():No. of measured animals Au.F.C.: g

TABLE 5 FOOD CONSUMPTION IN FEMALE RAT (TWO-WEEK STUDY)

| Week-Day on Study | 0 ppm | | | | 500 ppm | | | | 1000 ppm | | | | 2000 ppm | | | | 4000 ppm | | | | 8000 ppm | | | |
|----------------------|-----------|-------------------|-----------------------|-------------------|-----------|-------------------|-----------------------|-------------------|-----------|-------------------|-----------------------|-------------------|----------|-------------------|-----------------------|-------------------|----------|-------------------|-----------------------|-------------------|----------|-------------------|-----------------------|-------------------|
| | Au.F.C. | No. of Surviv. | % of cont. <10> | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. <10> | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. <10> | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. <10> | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. <10> | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. <10> | No. of Surviv. |
| 1-7 | 10.4 (10) | 10/10 | 86 | 10/10 | 8.9 (10) | 10/10 | 75 | 10/10 | 7.8 (10) | 10/10 | 96 | 10/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 |
| 2-7 | 11.3 (10) | 10/10 | 96 | 10/10 | 10.9 (10) | 10/10 | 96 | 10/10 | 10.9 (10) | 10/10 | 96 | 10/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 | - (-) | 0/10 |

< >:No. of effective animals, ():No. of measured animals Au.F.C.: g

TABLE 6 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN MALE RAT (THIRTEEN-WEEK STUDY)

| Week-Day on Study | 0 ppm | | | 25 ppm | | | 50 ppm | | | 100 ppm | | | 200 ppm | | | 400 ppm | | |
|-------------------|----------|----------------|------------------|----------|----------------|------------------|----------|----------------|------------------|----------|----------------|------------------|----------|----------------|------------------|----------|----------------|------------------|
| | Au. Wt. | No. of Surviv. | % of cont. (<10) | Au. Wt. | No. of Surviv. | % of cont. (<10) | Au. Wt. | No. of Surviv. | % of cont. (<10) | Au. Wt. | No. of Surviv. | % of cont. (<10) | Au. Wt. | No. of Surviv. | % of cont. (<10) | Au. Wt. | No. of Surviv. | % of cont. (<10) |
| 0-0 | 126 (10) | 10/10 | 100 | 126 (10) | 10/10 | 100 | 126 (10) | 10/10 | 100 | 126 (10) | 10/10 | 100 | 126 (10) | 10/10 | 100 | 126 (10) | 10/10 | 100 |
| 1-7 | 157 (10) | 10/10 | 85 | 149 (10) | 10/10 | 92 | 144 (10) | 10/10 | 92 | 145 (10) | 10/10 | 92 | 137 (10) | 10/10 | 87 | 132 (10) | 10/10 | 84 |
| 2-7 | 187 (10) | 10/10 | 95 | 178 (10) | 10/10 | 91 | 171 (10) | 10/10 | 91 | 172 (10) | 10/10 | 92 | 158 (10) | 10/10 | 84 | 149 (10) | 10/10 | 80 |
| 3-7 | 213 (10) | 10/10 | 94 | 201 (10) | 10/10 | 94 | 193 (10) | 10/10 | 91 | 193 (10) | 10/10 | 91 | 179 (10) | 10/10 | 84 | 164 (10) | 10/10 | 77 |
| 4-7 | 236 (10) | 10/10 | 91 | 223 (10) | 10/10 | 91 | 215 (10) | 10/10 | 91 | 211 (10) | 10/10 | 89 | 196 (10) | 10/10 | 83 | 177 (10) | 10/10 | 75 |
| 5-7 | 256 (10) | 10/10 | 95 | 243 (10) | 10/10 | 92 | 236 (10) | 10/10 | 92 | 232 (10) | 10/10 | 91 | 221 (10) | 10/10 | 86 | 206 (10) | 10/10 | 80 |
| 6-7 | 272 (10) | 10/10 | 94 | 272 (10) | 10/10 | 94 | 247 (10) | 10/10 | 91 | 245 (10) | 10/10 | 90 | 231 (10) | 10/10 | 85 | 212 (10) | 10/10 | 78 |
| 7-7 | 286 (10) | 10/10 | 94 | 270 (10) | 10/10 | 94 | 261 (10) | 10/10 | 91 | 265 (10) | 10/10 | 90 | 240 (10) | 10/10 | 84 | 212 (10) | 10/10 | 74 |
| 8-7 | 302 (10) | 10/10 | 93 | 282 (10) | 10/10 | 93 | 272 (10) | 10/10 | 90 | 268 (10) | 10/10 | 89 | 247 (10) | 10/10 | 82 | 215 (10) | 10/10 | 71 |
| 9-7 | 315 (10) | 10/10 | 94 | 296 (10) | 10/10 | 94 | 286 (10) | 10/10 | 91 | 279 (10) | 10/10 | 89 | 254 (10) | 10/10 | 81 | 223 (10) | 10/10 | 71 |
| 10-7 | 324 (10) | 10/10 | 94 | 306 (10) | 10/10 | 94 | 296 (10) | 10/10 | 91 | 288 (10) | 10/10 | 89 | 262 (10) | 10/10 | 81 | 227 (10) | 10/10 | 70 |
| 11-7 | 333 (10) | 10/10 | 95 | 316 (10) | 10/10 | 92 | 306 (10) | 10/10 | 92 | 298 (10) | 10/10 | 89 | 271 (10) | 10/10 | 81 | 234 (10) | 10/10 | 70 |
| 12-7 | 340 (10) | 10/10 | 95 | 324 (10) | 10/10 | 92 | 313 (10) | 10/10 | 92 | 304 (10) | 10/10 | 89 | 275 (10) | 10/10 | 81 | 235 (10) | 10/10 | 69 |
| 13-7 | 348 (10) | 10/10 | 95 | 331 (10) | 10/10 | 92 | 319 (10) | 10/10 | 92 | 310 (10) | 10/10 | 89 | 279 (10) | 10/10 | 80 | 240 (10) | 10/10 | 69 |

< >: No. of effective animals, () : No. of measured animals Au. Wt. : g

TABLE 7 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN FEMALE RAT (THIRTEEN-WEEK STUDY)

| Week-Day on Study | 0 ppm | | | 25 ppm | | | 50 ppm | | | 100 ppm | | | 200 ppm | | | 400 ppm | | |
|-------------------|----------|----------------|------------------|----------|----------------|------------------|----------|----------------|------------------|----------|----------------|------------------|----------|----------------|------------------|----------|----------------|------------------|
| | Au. Wt. | No. of Surviv. | % of cont. (<10) | Au. Wt. | No. of Surviv. | % of cont. (<10) | Au. Wt. | No. of Surviv. | % of cont. (<10) | Au. Wt. | No. of Surviv. | % of cont. (<10) | Au. Wt. | No. of Surviv. | % of cont. (<10) | Au. Wt. | No. of Surviv. | % of cont. (<10) |
| 0-0 | 103 (10) | 10/10 | 100 | 103 (10) | 10/10 | 100 | 103 (10) | 10/10 | 100 | 103 (10) | 10/10 | 100 | 103 (10) | 10/10 | 100 | 103 (10) | 10/10 | 100 |
| 1-7 | 117 (10) | 10/10 | 96 | 112 (10) | 10/10 | 95 | 111 (10) | 10/10 | 95 | 108 (10) | 10/10 | 92 | 103 (10) | 10/10 | 88 | 99 (10) | 10/10 | 85 |
| 2-7 | 131 (10) | 10/10 | 123 (10) | 123 (10) | 10/10 | 91 | 120 (10) | 10/10 | 92 | 120 (10) | 10/10 | 92 | 105 (10) | 10/10 | 83 | 105 (10) | 10/10 | 80 |
| 3-7 | 144 (10) | 10/10 | 134 (10) | 134 (10) | 10/10 | 93 | 129 (10) | 10/10 | 90 | 130 (10) | 10/10 | 90 | 120 (10) | 10/10 | 83 | 115 (10) | 10/10 | 80 |
| 4-7 | 153 (10) | 10/10 | 143 (10) | 143 (10) | 10/10 | 93 | 137 (10) | 10/10 | 90 | 140 (10) | 10/10 | 92 | 129 (10) | 10/10 | 84 | 121 (10) | 10/10 | 79 |
| 5-7 | 164 (10) | 10/10 | 155 (10) | 155 (10) | 10/10 | 95 | 149 (10) | 10/10 | 91 | 150 (10) | 10/10 | 91 | 146 (10) | 10/10 | 89 | 138 (10) | 10/10 | 84 |
| 6-7 | 170 (10) | 10/10 | 158 (10) | 158 (10) | 10/10 | 93 | 153 (10) | 10/10 | 90 | 156 (10) | 10/10 | 92 | 148 (10) | 10/10 | 87 | 135 (10) | 10/10 | 79 |
| 7-7 | 176 (10) | 10/10 | 165 (10) | 165 (10) | 10/10 | 91 | 158 (10) | 10/10 | 90 | 161 (10) | 10/10 | 91 | 154 (10) | 10/10 | 88 | 140 (10) | 10/10 | 80 |
| 8-7 | 180 (10) | 10/10 | 176 (10) | 176 (10) | 10/10 | 94 | 162 (10) | 10/10 | 90 | 167 (10) | 10/10 | 93 | 158 (10) | 10/10 | 88 | 143 (10) | 10/10 | 79 |
| 9-7 | 186 (10) | 10/10 | 183 (10) | 183 (10) | 10/10 | 95 | 168 (10) | 10/10 | 90 | 172 (10) | 10/10 | 92 | 162 (10) | 10/10 | 87 | 145 (10) | 10/10 | 78 |
| 10-7 | 190 (10) | 10/10 | 183 (10) | 183 (10) | 10/10 | 95 | 170 (10) | 10/10 | 89 | 174 (10) | 10/10 | 92 | 165 (10) | 10/10 | 87 | 148 (10) | 10/10 | 78 |
| 11-7 | 195 (10) | 10/10 | 185 (10) | 185 (10) | 10/10 | 95 | 173 (10) | 10/10 | 89 | 178 (10) | 10/10 | 91 | 169 (10) | 10/10 | 87 | 152 (10) | 10/10 | 78 |
| 12-7 | 200 (10) | 10/10 | 190 (10) | 190 (10) | 10/10 | 95 | 175 (10) | 10/10 | 88 | 180 (10) | 10/10 | 90 | 173 (10) | 10/10 | 87 | 155 (10) | 10/10 | 78 |
| 13-7 | 202 (10) | 10/10 | 192 (10) | 192 (10) | 10/10 | 95 | 176 (10) | 10/10 | 87 | 183 (10) | 10/10 | 91 | 176 (10) | 10/10 | 87 | 155 (10) | 10/10 | 77 |

< >: No. of effective animals, () : No. of measured animals Au. Wt. : g

TABLE 8 FOOD CONSUMPTION IN MALE RAT (THIRTEEN-WEEK STUDY)

| Week-Day on Study | 0 ppm | | | | 25 ppm | | | | 50 ppm | | | | 100 ppm | | | | 200 ppm | | | | 400 ppm | | | |
|-------------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|
| | Au.F.C. | No. of Surviv. | % of cont. | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. | No. of Surviv. |
| 1-7 | 15.2 (10) | 10/10 | 89 | 10/10 | 12.9 (10) | 85 | 10/10 | 10/10 | 12.6 (10) | 83 | 10/10 | 10/10 | 12.1 (10) | 80 | 10/10 | 10/10 | 11.9 (10) | 78 | 10/10 | 10/10 | 11.9 (10) | 78 | 10/10 | 10/10 |
| 2-7 | 17.4 (10) | 10/10 | 91 | 10/10 | 15.1 (10) | 87 | 10/10 | 10/10 | 15.6 (10) | 90 | 10/10 | 10/10 | 14.8 (10) | 85 | 10/10 | 10/10 | 16.7 (10) | 96 | 10/10 | 10/10 | 16.7 (10) | 96 | 10/10 | 10/10 |
| 3-7 | 18.1 (10) | 10/10 | 92 | 10/10 | 16.1 (10) | 89 | 10/10 | 10/10 | 16.2 (10) | 90 | 10/10 | 10/10 | 16.7 (10) | 92 | 10/10 | 10/10 | 19.2 (10) | 106 | 10/10 | 10/10 | 19.2 (10) | 106 | 10/10 | 10/10 |
| 4-7 | 18.4 (10) | 10/10 | 91 | 10/10 | 17.2 (10) | 93 | 10/10 | 10/10 | 16.6 (10) | 90 | 10/10 | 10/10 | 18.4 (10) | 100 | 10/10 | 10/10 | 20.6 (8) | 112 | 10/10 | 10/10 | 20.6 (8) | 112 | 10/10 | 10/10 |
| 5-7 | 18.3 (10) | 10/10 | 97 | 10/10 | 18.3 (10) | 100 | 10/10 | 10/10 | 17.8 (10) | 97 | 10/10 | 10/10 | 18.0 (10) | 98 | 10/10 | 10/10 | 20.2 (10) | 110 | 10/10 | 10/10 | 20.2 (10) | 110 | 10/10 | 10/10 |
| 6-7 | 17.2 (9) | 10/10 | 99 | 10/10 | 17.1 (10) | 99 | 10/10 | 10/10 | 17.6 (10) | 97 | 10/10 | 10/10 | 17.6 (10) | 102 | 10/10 | 10/10 | 21.7 (10) | 126 | 10/10 | 10/10 | 21.7 (10) | 126 | 10/10 | 10/10 |
| 7-7 | 17.5 (10) | 10/10 | 97 | 10/10 | 16.8 (10) | 95 | 10/10 | 10/10 | 16.8 (10) | 98 | 10/10 | 10/10 | 16.4 (10) | 93 | 10/10 | 10/10 | 25.1 (10) | 143 | 10/10 | 10/10 | 25.1 (10) | 143 | 10/10 | 10/10 |
| 8-7 | 17.8 (10) | 10/10 | 93 | 10/10 | 17.2 (10) | 97 | 10/10 | 10/10 | 17.2 (10) | 97 | 10/10 | 10/10 | 18.6 (10) | 106 | 10/10 | 10/10 | 24.0 (10) | 135 | 10/10 | 10/10 | 24.0 (10) | 135 | 10/10 | 10/10 |
| 9-7 | 17.4 (10) | 10/10 | 101 | 10/10 | 17.5 (10) | 101 | 10/10 | 10/10 | 17.4 (10) | 101 | 10/10 | 10/10 | 19.4 (9) | 109 | 10/10 | 10/10 | 24.6 (10) | 141 | 10/10 | 10/10 | 24.6 (10) | 141 | 10/10 | 10/10 |
| 10-7 | 17.3 (10) | 10/10 | 100 | 10/10 | 18.7 (10) | 108 | 10/10 | 10/10 | 17.7 (10) | 102 | 10/10 | 10/10 | 20.6 (10) | 114 | 10/10 | 10/10 | 25.9 (8) | 150 | 10/10 | 10/10 | 25.9 (8) | 150 | 10/10 | 10/10 |
| 11-7 | 16.6 (10) | 10/10 | 102 | 10/10 | 17.5 (10) | 105 | 10/10 | 10/10 | 17.3 (10) | 104 | 10/10 | 10/10 | 20.8 (10) | 125 | 10/10 | 10/10 | 23.7 (9) | 143 | 10/10 | 10/10 | 23.7 (9) | 143 | 10/10 | 10/10 |
| 12-7 | 16.4 (10) | 10/10 | 105 | 10/10 | 17.6 (10) | 107 | 10/10 | 10/10 | 17.1 (10) | 104 | 10/10 | 10/10 | 21.2 (10) | 129 | 10/10 | 10/10 | 23.6 (10) | 144 | 10/10 | 10/10 | 23.6 (10) | 144 | 10/10 | 10/10 |
| 13-7 | 16.7 (10) | 10/10 | 103 | 10/10 | 18.3 (10) | 110 | 10/10 | 10/10 | 17.7 (10) | 106 | 10/10 | 10/10 | 21.3 (10) | 128 | 10/10 | 10/10 | 24.0 (10) | 144 | 10/10 | 10/10 | 24.0 (10) | 144 | 10/10 | 10/10 |

< >:No. of effective animals, ():No. of measured animals Au.F.C.:g

TABLE 9 FOOD CONSUMPTION IN FEMALE RAT (THIRTEEN-WEEK STUDY)

| Week-Day on Study | 0 ppm | | | | 25 ppm | | | | 50 ppm | | | | 100 ppm | | | | 200 ppm | | | | 400 ppm | | | |
|-------------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|
| | Au.F.C. | No. of Surviv. | % of cont. | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. | No. of Surviv. | Au.F.C. | No. of Surviv. | % of cont. | No. of Surviv. |
| 1-7 | 12.2 (10) | 10/10 | 89 | 10/10 | 10.1 (10) | 83 | 10/10 | 10/10 | 10.0 (10) | 82 | 10/10 | 10/10 | 9.7 (10) | 80 | 10/10 | 10/10 | 9.1 (10) | 75 | 10/10 | 10/10 | 9.1 (10) | 75 | 10/10 | 10/10 |
| 2-7 | 12.7 (10) | 10/10 | 90 | 10/10 | 11.3 (10) | 89 | 10/10 | 10/10 | 11.4 (10) | 90 | 10/10 | 10/10 | 11.9 (10) | 94 | 10/10 | 10/10 | 12.7 (10) | 100 | 10/10 | 10/10 | 12.7 (10) | 100 | 10/10 | 10/10 |
| 3-7 | 12.3 (10) | 10/10 | 93 | 10/10 | 11.0 (10) | 89 | 10/10 | 10/10 | 11.6 (10) | 91 | 10/10 | 10/10 | 12.8 (10) | 104 | 10/10 | 10/10 | 14.8 (10) | 120 | 10/10 | 10/10 | 14.8 (10) | 120 | 10/10 | 10/10 |
| 4-7 | 12.2 (10) | 10/10 | 92 | 10/10 | 11.2 (10) | 90 | 10/10 | 10/10 | 12.0 (10) | 98 | 10/10 | 10/10 | 13.5 (10) | 111 | 10/10 | 10/10 | 14.7 (10) | 120 | 10/10 | 10/10 | 14.7 (10) | 120 | 10/10 | 10/10 |
| 5-7 | 12.3 (10) | 10/10 | 100 | 10/10 | 12.0 (10) | 98 | 10/10 | 10/10 | 12.2 (10) | 99 | 10/10 | 10/10 | 13.6 (10) | 111 | 10/10 | 10/10 | 13.9 (10) | 113 | 10/10 | 10/10 | 13.9 (10) | 113 | 10/10 | 10/10 |
| 6-7 | 12.0 (10) | 10/10 | 97 | 10/10 | 11.4 (10) | 95 | 10/10 | 10/10 | 12.6 (10) | 105 | 10/10 | 10/10 | 13.5 (10) | 113 | 10/10 | 10/10 | 13.6 (10) | 113 | 10/10 | 10/10 | 13.6 (10) | 113 | 10/10 | 10/10 |
| 7-7 | 11.9 (10) | 10/10 | 96 | 10/10 | 11.1 (10) | 93 | 10/10 | 10/10 | 13.1 (10) | 110 | 10/10 | 10/10 | 15.2 (10) | 128 | 10/10 | 10/10 | 16.0 (10) | 134 | 10/10 | 10/10 | 16.0 (10) | 134 | 10/10 | 10/10 |
| 8-7 | 11.7 (10) | 10/10 | 103 | 10/10 | 11.6 (10) | 99 | 10/10 | 10/10 | 13.6 (10) | 116 | 10/10 | 10/10 | 15.3 (10) | 131 | 10/10 | 10/10 | 16.8 (10) | 144 | 10/10 | 10/10 | 16.8 (10) | 144 | 10/10 | 10/10 |
| 9-7 | 12.0 (10) | 10/10 | 103 | 10/10 | 12.2 (10) | 102 | 10/10 | 10/10 | 14.1 (10) | 118 | 10/10 | 10/10 | 16.3 (10) | 135 | 10/10 | 10/10 | 18.1 (10) | 151 | 10/10 | 10/10 | 18.1 (10) | 151 | 10/10 | 10/10 |
| 10-7 | 12.1 (10) | 10/10 | 103 | 10/10 | 12.4 (10) | 102 | 10/10 | 10/10 | 13.5 (9) | 112 | 10/10 | 10/10 | 16.1 (10) | 133 | 10/10 | 10/10 | 17.4 (10) | 144 | 10/10 | 10/10 | 17.4 (10) | 144 | 10/10 | 10/10 |
| 11-7 | 11.5 (10) | 10/10 | 100 | 10/10 | 11.7 (10) | 102 | 10/10 | 10/10 | 13.8 (10) | 120 | 10/10 | 10/10 | 14.8 (8) | 129 | 10/10 | 10/10 | 16.5 (10) | 143 | 10/10 | 10/10 | 16.5 (10) | 143 | 10/10 | 10/10 |
| 12-7 | 11.8 (10) | 10/10 | 105 | 10/10 | 12.0 (10) | 102 | 10/10 | 10/10 | 13.6 (10) | 115 | 10/10 | 10/10 | 15.3 (9) | 130 | 10/10 | 10/10 | 16.3 (10) | 138 | 10/10 | 10/10 | 16.3 (10) | 138 | 10/10 | 10/10 |
| 13-7 | 11.6 (10) | 10/10 | 109 | 10/10 | 12.7 (10) | 103 | 10/10 | 10/10 | 13.9 (10) | 120 | 10/10 | 10/10 | 16.1 (10) | 139 | 10/10 | 10/10 | 15.6 (9) | 134 | 10/10 | 10/10 | 15.6 (9) | 134 | 10/10 | 10/10 |

< >:No. of effective animals, ():No. of measured animals Au.F.C.:g

TABLE 10 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN MALE MOUSE (TWO-WEEK STUDY)

| Week-Day on Study | 0 ppm | | | | 500 ppm | | | | 1000 ppm | | | | 2000 ppm | | | | 4000 ppm | | | | 8000 ppm | | | |
|-------------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|
| | Au.Wt. | No. of Surviv. | % of cont. | No. of Surviv. | Au.Wt. | No. of Surviv. | % of cont. | No. of Surviv. | Au.Wt. | No. of Surviv. | % of cont. | No. of Surviv. | Au.Wt. | No. of Surviv. | % of cont. | No. of Surviv. | Au.Wt. | No. of Surviv. | % of cont. | No. of Surviv. | Au.Wt. | No. of Surviv. | % of cont. | No. of Surviv. |
| 0-0 | 22.5 (10) | 10/10 | 100 | 10/10 | 22.4 (10) | 10/10 | 100 | 10/10 | 22.5 (10) | 10/10 | 100 | 10/10 | 22.5 (10) | 10/10 | 100 | 10/10 | 22.5 (10) | 10/10 | 100 | 10/10 | 22.5 (10) | 10/10 | 100 | 10/10 |
| 1-1 | 22.0 (10) | 10/10 | 100 | 10/10 | 21.6 (10) | 98 | 10/10 | 10/10 | 20.3 (10) | 92 | 9/10 | 9/10 | 20.1 (10) | 91 | 9/10 | 9/10 | 20.1 (10) | 91 | 9/10 | 9/10 | 20.1 (10) | 91 | 9/10 | 9/10 |
| 1-4 | 22.9 (10) | 10/10 | 100 | 10/10 | 19.3 (2) | 84 | 1/10 | 1/10 | 18.2 (2) | 78 | 1/10 | 1/10 | 17.7 (1) | 76 | 1/10 | 1/10 | 17.7 (1) | 76 | 1/10 | 1/10 | 17.7 (1) | 76 | 1/10 | 1/10 |
| 1-7 | 23.2 (10) | 10/10 | 100 | 10/10 | 18.6 (1) | 80 | 1/10 | 1/10 | 17.7 (1) | 76 | 1/10 | 1/10 | 15.5 (1) | 65 | 1/10 | 1/10 | 15.5 (1) | 65 | 1/10 | 1/10 | 15.5 (1) | 65 | 1/10 | 1/10 |
| 2-4 | 23.8 (10) | 10/10 | 100 | 10/10 | 20.2 (1) | 85 | 1/10 | 1/10 | 17.1 (1) | 70 | 1/10 | 1/10 | 17.1 (1) | 70 | 1/10 | 1/10 | 17.1 (1) | 70 | 1/10 | 1/10 | 17.1 (1) | 70 | 1/10 | 1/10 |
| 2-7 | 24.4 (10) | 10/10 | 100 | 10/10 | 20.6 (1) | 84 | 1/10 | 1/10 | 17.1 (1) | 70 | 1/10 | 1/10 | 17.1 (1) | 70 | 1/10 | 1/10 | 17.1 (1) | 70 | 1/10 | 1/10 | 17.1 (1) | 70 | 1/10 | 1/10 |

< >:No. of effective animals, ():No. of measured animals Au.Wt.: g

TABLE 11 SURVIVAL ANIMAL NUMBERS AND BODY WEIGHT CHANGES IN FEMALE MOUSE (TWO-WEEK STUDY)

| Week-Day on Study | 0 ppm | | | | 500 ppm | | | | 1000 ppm | | | | 2000 ppm | | | | 4000 ppm | | | | 8000 ppm | | | |
|-------------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|-----------|----------------|------------|----------------|
| | Au.Wt. | No. of Surviv. | % of cont. | No. of Surviv. | Au.Wt. | No. of Surviv. | % of cont. | No. of Surviv. | Au.Wt. | No. of Surviv. | % of cont. | No. of Surviv. | Au.Wt. | No. of Surviv. | % of cont. | No. of Surviv. | Au.Wt. | No. of Surviv. | % of cont. | No. of Surviv. | Au.Wt. | No. of Surviv. | % of cont. | No. of Surviv. |
| 0-0 | 18.3 (10) | 10/10 | 100 | 10/10 | 18.3 (10) | 10/10 | 100 | 10/10 | 18.3 (10) | 10/10 | 100 | 10/10 | 18.2 (10) | 99 | 10/10 | 10/10 | 18.3 (10) | 10/10 | 100 | 10/10 | 18.3 (10) | 10/10 | 100 | 10/10 |
| 1-1 | 17.8 (10) | 10/10 | 96 | 10/10 | 16.9 (10) | 95 | 10/10 | 10/10 | 16.6 (10) | 93 | 10/10 | 10/10 | 16.1 (10) | 90 | 5/10 | 5/10 | 16.1 (10) | 90 | 5/10 | 5/10 | 16.1 (10) | 90 | 5/10 | 5/10 |
| 1-4 | 18.6 (10) | 10/10 | 95 | 10/10 | 14.2 (10) | 76 | 10/10 | 10/10 | 14.1 (4) | 76 | 4/10 | 4/10 | 15.1 (1) | 81 | 0/10 | 0/10 | 15.1 (1) | 81 | 0/10 | 0/10 | 15.1 (1) | 81 | 0/10 | 0/10 |
| 1-7 | 18.9 (10) | 10/10 | 94 | 10/10 | 13.6 (3) | 72 | 1/10 | 1/10 | 13.6 (3) | 72 | 1/10 | 1/10 | 13.6 (3) | 72 | 1/10 | 1/10 | 13.6 (3) | 72 | 1/10 | 1/10 | 13.6 (3) | 72 | 1/10 | 1/10 |
| 2-4 | 19.1 (10) | 10/10 | 99 | 10/10 | 17.5 (1) | 92 | 1/10 | 1/10 | 17.5 (1) | 92 | 1/10 | 1/10 | 17.5 (1) | 92 | 1/10 | 1/10 | 17.5 (1) | 92 | 1/10 | 1/10 | 17.5 (1) | 92 | 1/10 | 1/10 |
| 2-7 | 19.8 (10) | 10/10 | 96 | 10/10 | 18.9 (1) | 95 | 1/10 | 1/10 | 18.9 (1) | 95 | 1/10 | 1/10 | 18.9 (1) | 95 | 1/10 | 1/10 | 18.9 (1) | 95 | 1/10 | 1/10 | 18.9 (1) | 95 | 1/10 | 1/10 |

< >:No. of effective animals, ():No. of measured animals Au.Wt.: g

TABLE 12 FOOD CONSUMPTION IN MALE MOUSE (TWO-WEEK STUDY)

| Week-Day on Study | 0 ppm | | 500 ppm | | 1000 ppm | | 2000 ppm | | 4000 ppm | | 8000 ppm | | |
|-------------------|----------|---------------------|---------|-----------------|----------------|---------|-----------------|----------------|----------|-----------------|----------------|---------|-----------------|
| | Au.F.C. | No. of Surviv. <10> | Au.F.C. | % of cont. <10> | No. of Surviv. | Au.F.C. | % of cont. <10> | No. of Surviv. | Au.F.C. | % of cont. <10> | No. of Surviv. | Au.F.C. | % of cont. <10> |
| 1-7 | 3.5 (10) | 10/10 | 2.0 (1) | 57 | 1/10 | 3.1 (1) | 89 | 1/10 | - (-) | - (-) | 0/10 | - (-) | - (-) |
| 2-7 | 3.6 (10) | 10/10 | 2.9 (1) | 81 | 1/10 | 2.5 (1) | 72 | 1/10 | - (-) | - (-) | 0/10 | - (-) | - (-) |

< >: No. of effective animals, (): No. of measured animals
 Au.F.C.: g

TABLE 13 FOOD CONSUMPTION IN FEMALE MOUSE (TWO-WEEK STUDY)

| Week-Day on Study | 0 ppm | | 500 ppm | | 1000 ppm | | 2000 ppm | | 4000 ppm | | 8000 ppm | | |
|-------------------|----------|---------------------|----------|-----------------|----------------|---------|-----------------|----------------|----------|-----------------|----------------|---------|-----------------|
| | Au.F.C. | No. of Surviv. <10> | Au.F.C. | % of cont. <10> | No. of Surviv. | Au.F.C. | % of cont. <10> | No. of Surviv. | Au.F.C. | % of cont. <10> | No. of Surviv. | Au.F.C. | % of cont. <10> |
| 1-7 | 3.0 (10) | 10/10 | 2.3 (10) | 77 | 10/10 | 0.7 (3) | 23 | 1/10 | - (-) | - (-) | 0/10 | - (-) | - (-) |
| 2-7 | 3.0 (10) | 10/10 | 3.1 (10) | 103 | 10/10 | 4.3 (1) | 143 | 1/10 | - (-) | - (-) | 0/10 | - (-) | - (-) |

< >: No. of effective animals, (): No. of measured animals
 Au.F.C.: g

TABLE 16 FOOD CONSUMPTION IN MALE MOUSE (THIRTEEN-WEEK STUDY)

| Week-Day on Study | 0 ppm | | | | 25 ppm | | | | 50 ppm | | | | 100 ppm | | | | 200 ppm | | | |
|-------------------|----------|-----------------------|-------------------|----------------|----------|-------------------|----------------|---------|-------------------|----------------|---------|-------------------|----------------|---------|-------------------|----------------|---------|-------------------|----------------|--|
| | Au.F.C. | No. of Surviv. (<10>) | % of cont. (<10>) | No. of Surviv. | Au.F.C. | % of cont. (<10>) | No. of Surviv. | Au.F.C. | % of cont. (<10>) | No. of Surviv. | Au.F.C. | % of cont. (<10>) | No. of Surviv. | Au.F.C. | % of cont. (<10>) | No. of Surviv. | Au.F.C. | % of cont. (<10>) | No. of Surviv. | |
| 1-7 | 4.2 (10) | 10/10 | 83 | 8/10 | 2.0 (11) | 48 | 1/10 | - (-) | - (-) | 0/10 | 1.7 (2) | 40 | 2/10 | - (-) | - (-) | 0/10 | - (-) | - (-) | 0/10 | |
| 2-7 | 3.9 (10) | 10/10 | 118 | 8/10 | 6.5 (11) | 167 | 1/10 | - (-) | - (-) | 0/10 | 4.7 (2) | 121 | 2/10 | - (-) | - (-) | 0/10 | - (-) | - (-) | 0/10 | |
| 3-7 | 4.2 (10) | 10/10 | 102 | 8/10 | 4.6 (11) | 110 | 1/10 | - (-) | - (-) | 0/10 | 4.9 (2) | 117 | 2/10 | - (-) | - (-) | 0/10 | - (-) | - (-) | 0/10 | |
| 4-7 | 4.2 (10) | 10/10 | 112 | 8/10 | 4.2 (11) | 100 | 1/10 | - (-) | - (-) | 0/10 | 4.6 (2) | 110 | 2/10 | - (-) | - (-) | 0/10 | - (-) | - (-) | 0/10 | |
| 5-7 | 4.2 (10) | 10/10 | 100 | 8/10 | 4.2 (11) | 100 | 1/10 | - (-) | - (-) | 0/10 | 3.9 (2) | 93 | 2/10 | - (-) | - (-) | 0/10 | - (-) | - (-) | 0/10 | |
| 6-7 | 4.3 (10) | 10/10 | 100 | 8/10 | 4.2 (11) | 98 | 1/10 | - (-) | - (-) | 0/10 | 4.7 (2) | 107 | 2/10 | - (-) | - (-) | 0/10 | - (-) | - (-) | 0/10 | |
| 7-7 | 4.4 (10) | 10/10 | 98 | 8/10 | 4.4 (11) | 100 | 1/10 | - (-) | - (-) | 0/10 | 4.7 (2) | 109 | 2/10 | - (-) | - (-) | 0/10 | - (-) | - (-) | 0/10 | |
| 8-7 | 4.5 (10) | 10/10 | 93 | 8/10 | 4.2 (11) | 93 | 1/10 | - (-) | - (-) | 0/10 | 4.6 (2) | 102 | 2/10 | - (-) | - (-) | 0/10 | - (-) | - (-) | 0/10 | |
| 9-7 | 4.4 (10) | 10/10 | 100 | 8/10 | 4.3 (11) | 98 | 1/10 | - (-) | - (-) | 0/10 | 4.4 (2) | 100 | 2/10 | - (-) | - (-) | 0/10 | - (-) | - (-) | 0/10 | |
| 10-7 | 4.4 (10) | 10/10 | 96 | 8/10 | 4.3 (11) | 96 | 1/10 | - (-) | - (-) | 0/10 | 4.3 (2) | 98 | 2/10 | - (-) | - (-) | 0/10 | - (-) | - (-) | 0/10 | |
| 11-7 | 4.6 (10) | 10/10 | 96 | 8/10 | 4.4 (11) | 94 | 1/10 | - (-) | - (-) | 0/10 | 4.7 (2) | 100 | 2/10 | - (-) | - (-) | 0/10 | - (-) | - (-) | 0/10 | |
| 12-7 | 4.7 (10) | 10/10 | 96 | 8/10 | 4.4 (11) | 94 | 1/10 | - (-) | - (-) | 0/10 | 4.7 (2) | 100 | 2/10 | - (-) | - (-) | 0/10 | - (-) | - (-) | 0/10 | |
| 13-7 | 4.7 (10) | 10/10 | 96 | 8/10 | 4.5 (11) | 96 | 1/10 | - (-) | - (-) | 0/10 | 4.7 (2) | 100 | 2/10 | - (-) | - (-) | 0/10 | - (-) | - (-) | 0/10 | |

< >: No. of effective animals, () : No. of measured animals Au.F.C.: g

TABLE 17 FOOD CONSUMPTION IN FEMALE MOUSE (THIRTEEN-WEEK STUDY)

| Week-Day on Study | 0 ppm | | | | 25 ppm | | | | 50 ppm | | | | 100 ppm | | | | 200 ppm | | | |
|-------------------|----------|-----------------------|-------------------|----------------|----------|-------------------|----------------|----------|-------------------|----------------|----------|-------------------|----------------|----------|-------------------|----------------|----------|-------------------|----------------|--|
| | Au.F.C. | No. of Surviv. (<10>) | % of cont. (<10>) | No. of Surviv. | Au.F.C. | % of cont. (<10>) | No. of Surviv. | Au.F.C. | % of cont. (<10>) | No. of Surviv. | Au.F.C. | % of cont. (<10>) | No. of Surviv. | Au.F.C. | % of cont. (<10>) | No. of Surviv. | Au.F.C. | % of cont. (<10>) | No. of Surviv. | |
| 1-7 | 3.1 (10) | 10/10 | 103 | 10/10 | 3.1 (10) | 100 | 10/10 | 3.1 (10) | 100 | 10/10 | 2.9 (10) | 91 | 10/10 | 3.0 (10) | 97 | 10/10 | 3.0 (10) | 97 | 10/10 | |
| 2-7 | 3.2 (10) | 10/10 | 103 | 10/10 | 3.4 (10) | 106 | 10/10 | 3.3 (10) | 103 | 10/10 | 3.8 (10) | 119 | 10/10 | 4.3 (10) | 134 | 10/10 | 4.3 (10) | 134 | 10/10 | |
| 3-7 | 3.5 (10) | 10/10 | 100 | 10/10 | 3.9 (10) | 108 | 10/10 | 3.7 (10) | 103 | 10/10 | 4.3 (10) | 119 | 10/10 | 4.3 (10) | 119 | 10/10 | 4.3 (10) | 119 | 10/10 | |
| 4-7 | 3.8 (10) | 10/10 | 105 | 10/10 | 4.0 (10) | 105 | 10/10 | 3.8 (10) | 100 | 10/10 | 4.2 (10) | 111 | 10/10 | 4.4 (10) | 116 | 10/10 | 4.4 (10) | 116 | 10/10 | |
| 5-7 | 3.8 (10) | 10/10 | 103 | 10/10 | 4.1 (10) | 108 | 10/10 | 3.9 (10) | 103 | 10/10 | 4.1 (10) | 108 | 10/10 | 4.4 (10) | 116 | 10/10 | 4.4 (10) | 116 | 10/10 | |
| 6-7 | 4.1 (10) | 10/10 | 100 | 10/10 | 4.4 (10) | 107 | 10/10 | 4.2 (10) | 102 | 10/10 | 4.3 (10) | 105 | 10/10 | 4.8 (10) | 117 | 10/10 | 4.8 (10) | 117 | 10/10 | |
| 7-7 | 4.2 (10) | 10/10 | 102 | 10/10 | 4.6 (10) | 110 | 10/10 | 4.4 (10) | 105 | 10/10 | 4.6 (10) | 110 | 10/10 | 4.9 (10) | 117 | 10/10 | 4.9 (10) | 117 | 10/10 | |
| 8-7 | 4.1 (10) | 10/10 | 105 | 10/10 | 4.7 (10) | 115 | 10/10 | 4.4 (10) | 107 | 10/10 | 4.6 (10) | 112 | 10/10 | 4.8 (10) | 117 | 10/10 | 4.8 (10) | 117 | 10/10 | |
| 9-7 | 4.2 (10) | 10/10 | 107 | 10/10 | 4.9 (10) | 117 | 10/10 | 4.5 (10) | 107 | 10/10 | 4.8 (10) | 114 | 10/10 | 4.9 (10) | 117 | 10/10 | 4.9 (10) | 117 | 10/10 | |
| 10-7 | 4.2 (10) | 10/10 | 105 | 10/10 | 4.7 (10) | 112 | 10/10 | 4.4 (10) | 105 | 10/10 | 4.7 (10) | 112 | 10/10 | 5.2 (10) | 118 | 10/10 | 5.2 (10) | 118 | 10/10 | |
| 11-7 | 4.4 (10) | 10/10 | 100 | 10/10 | 4.7 (10) | 116 | 10/10 | 4.6 (10) | 105 | 10/10 | 4.7 (10) | 111 | 10/10 | 5.2 (10) | 118 | 10/10 | 5.2 (10) | 118 | 10/10 | |
| 12-7 | 4.4 (10) | 10/10 | 105 | 10/10 | 5.1 (10) | 116 | 10/10 | 4.6 (10) | 105 | 10/10 | 4.7 (10) | 107 | 10/10 | 5.2 (10) | 118 | 10/10 | 5.2 (10) | 118 | 10/10 | |
| 13-7 | 4.3 (10) | 10/10 | 107 | 10/10 | 5.3 (10) | 123 | 10/10 | 4.9 (10) | 114 | 10/10 | 4.6 (10) | 107 | 10/10 | 5.1 (10) | 119 | 10/10 | 5.1 (10) | 119 | 10/10 | |

< >: No. of effective animals, () : No. of measured animals Au.F.C.: g