

**TDMS No.** 20724 - 03

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** RATS/Wistar Han

**E04: MEAN BODY WEIGHTS AND SURVIVAL TABLE**

Acetoin

**CAS Number:** 513-86-0

**Date Report Requested:** 07/28/2011

**Time Report Requested:** 10:22:28

**First Dose M/F:** 06/29/09 / 06/30/09

**Lab:** BNW

**C Number:** C20724  
**Lock Date:** 03/04/2010  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Control List:** Male: 001  
**Study Gender:** Both  
**TDMSE Version:** 2.4.2.1\_003  
**PWG Approval Date:** NONE

Female: 002

**MALE**

| DAY             | CONTROL      |           | 50 ppm       |             |           | 100 ppm      |             |           | 200 ppm      |             |           | 400 ppm      |             |           | 800 ppm      |             |           |
|-----------------|--------------|-----------|--------------|-------------|-----------|--------------|-------------|-----------|--------------|-------------|-----------|--------------|-------------|-----------|--------------|-------------|-----------|
|                 | WT(G)        | N         | WT(G)        | % OF CNTL   | N         | WT(G)        | % OF CNTL   | N         | WT(G)        | % OF CNTL   | N         | WT(G)        | % OF CNTL   | N         | WT(G)        | % OF CNTL   | N         |
| 1               | 135.2        | 10        | 136.0        | 100.6       | 10        | 135.2        | 100.0       | 10        | 133.4        | 98.6        | 10        | 134.4        | 99.4        | 10        | 135.2        | 100.0       | 10        |
| 8               | 179.4        | 10        | 180.0        | 100.3       | 10        | 176.4        | 98.3        | 10        | 172.6        | 96.2        | 10        | 176.2        | 98.2        | 10        | 178.8        | 99.6        | 10        |
| 17              | 234.6        | 10        | 230.7        | 98.3        | 10        | 227.2        | 96.9        | 10        | 221.0        | 94.2        | 10        | 227.3        | 96.9        | 10        | 228.9        | 97.6        | 10        |
| 24              | 269.1        | 10        | 265.0        | 98.5        | 10        | 260.6        | 96.8        | 10        | 253.6        | 94.2        | 10        | 260.9        | 96.9        | 10        | 260.5        | 96.8        | 10        |
| 31              | 295.4        | 10        | 289.9        | 98.1        | 10        | 284.7        | 96.4        | 10        | 278.6        | 94.3        | 10        | 284.9        | 96.4        | 10        | 285.3        | 96.6        | 10        |
| 38              | 319.2        | 10        | 312.3        | 97.8        | 10        | 306.6        | 96.1        | 10        | 301.6        | 94.5        | 10        | 309.2        | 96.9        | 10        | 307.5        | 96.3        | 10        |
| 45              | 337.2        | 10        | 330.3        | 98.0        | 10        | 324.5        | 96.2        | 10        | 320.5        | 95.1        | 10        | 328.5        | 97.4        | 10        | 324.0        | 96.1        | 10        |
| 52              | 354.5        | 10        | 346.3        | 97.7        | 10        | 340.7        | 96.1        | 10        | 335.4        | 94.6        | 10        | 342.1        | 96.5        | 10        | 338.3        | 95.4        | 10        |
| 59              | 369.8        | 10        | 359.7        | 97.3        | 10        | 354.0        | 95.7        | 10        | 348.9        | 94.4        | 10        | 356.2        | 96.3        | 10        | 349.7        | 94.6        | 10        |
| 66              | 381.0        | 10        | 370.1        | 97.1        | 10        | 364.1        | 95.6        | 10        | 359.1        | 94.2        | 10        | 368.9        | 96.8        | 10        | 360.6        | 94.7        | 10        |
| 73              | 390.8        | 10        | 380.3        | 97.3        | 10        | 372.0        | 95.2        | 10        | 370.2        | 94.7        | 10        | 380.2        | 97.3        | 10        | 370.2        | 94.7        | 10        |
| 80              | 400.6        | 10        | 388.6        | 97.0        | 10        | 380.7        | 95.0        | 10        | 378.6        | 94.5        | 10        | 388.2        | 96.9        | 10        | 377.5        | 94.2        | 10        |
| 87              | 410.7        | 10        | 394.8        | 96.1        | 10        | 388.2        | 94.5        | 10        | 387.0        | 94.2        | 10        | 395.3        | 96.3        | 10        | 384.8        | 93.7        | 10        |
| <b>TERM SAC</b> | <b>415.5</b> | <b>10</b> | <b>400.9</b> | <b>96.5</b> | <b>10</b> | <b>395.2</b> | <b>95.1</b> | <b>10</b> | <b>391.2</b> | <b>94.2</b> | <b>10</b> | <b>403.2</b> | <b>97.0</b> | <b>10</b> | <b>389.7</b> | <b>93.8</b> | <b>10</b> |

\*\*\* END OF MALE \*\*\*

FEMALE

| DAY             | CONTROL      |           | 50 ppm       |              |           | 100 ppm      |             |           | 200 ppm      |             |           | 400 ppm      |              |           | 800 ppm      |             |           |
|-----------------|--------------|-----------|--------------|--------------|-----------|--------------|-------------|-----------|--------------|-------------|-----------|--------------|--------------|-----------|--------------|-------------|-----------|
|                 | WT(G)        | N         | WT(G)        | % OF CNTL    | N         | WT(G)        | % OF CNTL   | N         | WT(G)        | % OF CNTL   | N         | WT(G)        | % OF CNTL    | N         | WT(G)        | % OF CNTL   | N         |
| 1               | 121.6        | 10        | 119.9        | 98.6         | 10        | 121.3        | 99.8        | 10        | 120.4        | 99.0        | 10        | 121.7        | 100.1        | 10        | 122.2        | 100.5       | 10        |
| 8               | 142.9        | 10        | 141.1        | 98.8         | 10        | 142.4        | 99.7        | 10        | 141.4        | 99.0        | 10        | 143.9        | 100.7        | 10        | 142.0        | 99.4        | 10        |
| 16              | 163.2        | 10        | 161.8        | 99.2         | 10        | 163.3        | 100.1       | 10        | 162.2        | 99.4        | 10        | 165.2        | 101.2        | 10        | 162.5        | 99.6        | 10        |
| 23              | 180.3        | 10        | 177.9        | 98.7         | 10        | 177.2        | 98.3        | 10        | 177.5        | 98.4        | 10        | 182.7        | 101.3        | 10        | 176.8        | 98.1        | 10        |
| 30              | 192.2        | 10        | 187.1        | 97.3         | 10        | 187.4        | 97.5        | 10        | 188.7        | 98.2        | 10        | 193.0        | 100.4        | 10        | 185.0        | 96.2        | 10        |
| 37              | 202.1        | 10        | 196.1        | 97.0         | 10        | 196.6        | 97.3        | 10        | 198.2        | 98.1        | 10        | 203.4        | 100.6        | 10        | 197.3        | 97.6        | 10        |
| 44              | 207.9        | 10        | 206.2        | 99.2         | 10        | 205.9        | 99.0        | 10        | 206.0        | 99.1        | 10        | 211.2        | 101.6        | 10        | 204.1        | 98.2        | 10        |
| 51              | 215.5        | 10        | 215.2        | 99.8         | 10        | 212.5        | 98.6        | 10        | 213.4        | 99.0        | 10        | 219.0        | 101.6        | 10        | 211.5        | 98.2        | 10        |
| 58              | 222.7        | 10        | 218.9        | 98.3         | 10        | 217.3        | 97.6        | 10        | 219.7        | 98.6        | 10        | 224.2        | 100.6        | 10        | 215.1        | 96.6        | 10        |
| 65              | 225.4        | 10        | 223.3        | 99.0         | 10        | 224.0        | 99.4        | 10        | 223.6        | 99.2        | 10        | 228.8        | 101.5        | 10        | 221.2        | 98.1        | 10        |
| 72              | 228.3        | 10        | 229.8        | 100.7        | 10        | 229.6        | 100.6       | 10        | 228.8        | 100.2       | 10        | 235.3        | 103.1        | 10        | 226.5        | 99.2        | 10        |
| 79              | 231.3        | 10        | 233.7        | 101.0        | 10        | 231.2        | 99.9        | 10        | 231.3        | 100.0       | 10        | 240.2        | 103.8        | 10        | 232.6        | 100.6       | 10        |
| 86              | 237.3        | 10        | 236.5        | 99.7         | 10        | 235.7        | 99.3        | 10        | 234.0        | 98.6        | 10        | 244.0        | 102.8        | 10        | 234.0        | 98.6        | 10        |
| <b>TERM SAC</b> | <b>238.5</b> | <b>10</b> | <b>239.6</b> | <b>100.5</b> | <b>10</b> | <b>238.3</b> | <b>99.9</b> | <b>10</b> | <b>234.0</b> | <b>98.1</b> | <b>10</b> | <b>244.5</b> | <b>102.5</b> | <b>10</b> | <b>237.1</b> | <b>99.4</b> | <b>10</b> |

\*\*\*END OF REPORT\*\*\*