

**TDMS No.** 20005 - 05  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** RATS/F 344

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

Ginseng  
**CAS Number:** 50647-08-0

**Date Report Requested:** 07/23/2008  
**Time Report Requested:** 11:56:45  
**First Dose M/F:** 01/21/04 / 01/22/04  
**Lab:** BAT

**C Number:** C20005  
**Lock Date:** 09/07/2006  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 2.0.0

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 Lab: BAT

**MALE**

| DAY | 0 MG/KG |    | 1250 MG/KG |           |    | 2500 MG/KG |           |    | 5000 MG/KG |           |    |
|-----|---------|----|------------|-----------|----|------------|-----------|----|------------|-----------|----|
|     | WT(G)   | N  | WT(G)      | % OF CNTL | N  | WT(G)      | % OF CNTL | N  | WT(G)      | % OF CNTL | N  |
| 1   | 112.8   | 50 | 112.3      | 99.5      | 50 | 112.2      | 99.4      | 50 | 112.5      | 99.7      | 50 |
| 8   | 143.4   | 50 | 140.8      | 98.2      | 50 | 143.3      | 99.9      | 49 | 141.0      | 98.3      | 50 |
| 15  | 178.9   | 50 | 176.1      | 98.4      | 50 | 178.1      | 99.6      | 49 | 175.2      | 97.9      | 50 |
| 22  | 208.5   | 50 | 205.7      | 98.7      | 50 | 207.5      | 99.5      | 49 | 205.1      | 98.4      | 50 |
| 29  | 234.1   | 50 | 231.4      | 98.9      | 50 | 233.1      | 99.6      | 49 | 229.5      | 98.0      | 50 |
| 36  | 253.5   | 50 | 251.1      | 99.1      | 50 | 252.5      | 99.6      | 49 | 247.9      | 97.8      | 50 |
| 43  | 273.1   | 50 | 270.0      | 98.9      | 50 | 272.7      | 99.9      | 49 | 265.6      | 97.2      | 50 |
| 50  | 285.2   | 50 | 282.9      | 99.2      | 50 | 284.4      | 99.7      | 49 | 275.0      | 96.4      | 49 |
| 57  | 297.0   | 50 | 294.0      | 99.0      | 50 | 296.8      | 99.9      | 49 | 286.2      | 96.4      | 49 |
| 64  | 308.8   | 50 | 306.3      | 99.2      | 50 | 307.2      | 99.5      | 49 | 297.0      | 96.2      | 49 |
| 71  | 318.5   | 50 | 316.4      | 99.3      | 50 | 318.7      | 100.1     | 49 | 304.4      | 95.6      | 49 |
| 78  | 326.8   | 50 | 326.7      | 100.0     | 50 | 326.4      | 99.9      | 49 | 310.4      | 95.0      | 49 |
| 85  | 334.1   | 50 | 334.1      | 100.0     | 50 | 333.8      | 99.9      | 49 | 317.3      | 95.0      | 49 |
| 113 | 363.9   | 50 | 365.6      | 100.5     | 50 | 362.0      | 99.5      | 49 | 351.5      | 96.6      | 49 |
| 141 | 385.5   | 50 | 385.0      | 99.9      | 50 | 381.9      | 99.1      | 49 | 367.2      | 95.2      | 49 |
| 169 | 406.4   | 50 | 402.0      | 98.9      | 50 | 395.9      | 97.4      | 49 | 378.5      | 93.1      | 49 |
| 197 | 421.3   | 50 | 422.1      | 100.2     | 50 | 415.7      | 98.7      | 49 | 401.1      | 95.2      | 49 |
| 225 | 431.7   | 50 | 432.4      | 100.2     | 50 | 426.6      | 98.8      | 49 | 410.3      | 95.0      | 49 |
| 253 | 443.5   | 50 | 444.7      | 100.3     | 50 | 439.1      | 99.0      | 49 | 419.9      | 94.7      | 49 |
| 281 | 452.7   | 50 | 450.7      | 99.5      | 50 | 446.0      | 98.5      | 49 | 427.2      | 94.4      | 48 |
| 309 | 464.3   | 50 | 460.3      | 99.1      | 50 | 459.1      | 98.9      | 49 | 432.4      | 93.1      | 48 |
| 337 | 470.1   | 50 | 469.9      | 99.9      | 50 | 466.2      | 99.2      | 49 | 441.8      | 94.0      | 47 |
| 365 | 480.6   | 50 | 478.0      | 99.5      | 50 | 473.7      | 98.6      | 49 | 449.1      | 93.4      | 47 |
| 393 | 480.6   | 50 | 479.6      | 99.8      | 50 | 475.7      | 99.0      | 49 | 450.4      | 93.7      | 47 |
| 421 | 485.0   | 49 | 485.1      | 100.0     | 50 | 482.8      | 99.6      | 49 | 458.9      | 94.6      | 47 |
| 449 | 483.8   | 48 | 491.9      | 101.7     | 49 | 485.0      | 100.3     | 49 | 460.2      | 95.1      | 47 |
| 477 | 487.8   | 47 | 491.8      | 100.8     | 49 | 485.0      | 99.4      | 49 | 458.8      | 94.0      | 46 |
| 505 | 490.9   | 47 | 495.8      | 101.0     | 49 | 489.9      | 99.8      | 49 | 461.0      | 93.9      | 46 |
| 533 | 491.9   | 46 | 495.7      | 100.8     | 48 | 487.5      | 99.1      | 48 | 461.5      | 93.8      | 45 |
| 561 | 492.2   | 43 | 495.4      | 100.7     | 45 | 492.6      | 100.1     | 47 | 469.1      | 95.3      | 42 |
| 589 | 496.9   | 42 | 496.2      | 99.9      | 42 | 489.7      | 98.5      | 47 | 461.8      | 93.0      | 41 |
| 617 | 498.5   | 41 | 497.7      | 99.8      | 41 | 486.7      | 97.6      | 46 | 462.3      | 92.7      | 38 |
| 645 | 496.2   | 41 | 494.5      | 99.7      | 38 | 486.1      | 98.0      | 45 | 461.4      | 93.0      | 36 |
| 672 | 481.5   | 36 | 494.8      | 102.7     | 36 | 488.2      | 101.4     | 42 | 455.1      | 94.5      | 33 |
| 701 | 494.1   | 32 | 491.9      | 99.5      | 33 | 489.6      | 99.1      | 39 | 460.8      | 93.3      | 26 |

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Test Type: CHRONIC  
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Ginseng  
CAS Number: 50647-08-0

Date Report Requested: 07/23/2008  
Time Report Requested: 11:56:45  
First Dose M/F: 01/21/04 / 01/22/04  
Lab: BAT

**MALE**

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| DAY         | 0 MG/KG |    | 1250 MG/KG |                 |    | 2500 MG/KG |                 |    | 5000 MG/KG |                 |    |
|-------------|---------|----|------------|-----------------|----|------------|-----------------|----|------------|-----------------|----|
|             | WT(G)   | N  | WT(G)      | %<br>OF<br>CNTL | N  | WT(G)      | %<br>OF<br>CNTL | N  | WT(G)      | %<br>OF<br>CNTL | N  |
| TERM<br>SAC | 485.1   | 30 | 480.1      | 99.0            | 30 | 482.4      | 99.4            | 37 | 447.5      | 92.3            | 23 |

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

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Ginseng  
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**FEMALE**

| DAY | 0 MG/KG |    | 1250 MG/KG |           |    | 2500 MG/KG |           |    | 5000 MG/KG |           |    |
|-----|---------|----|------------|-----------|----|------------|-----------|----|------------|-----------|----|
|     | WT(G)   | N  | WT(G)      | % OF CNTL | N  | WT(G)      | % OF CNTL | N  | WT(G)      | % OF CNTL | N  |
| 1   | 96.8    | 50 | 96.3       | 99.5      | 50 | 96.6       | 99.8      | 50 | 97.0       | 100.2     | 50 |
| 8   | 111.8   | 50 | 111.1      | 99.4      | 49 | 110.6      | 98.9      | 50 | 112.2      | 100.4     | 50 |
| 15  | 126.8   | 50 | 126.6      | 99.9      | 48 | 125.9      | 99.3      | 49 | 127.3      | 100.4     | 50 |
| 22  | 141.0   | 50 | 140.0      | 99.3      | 48 | 139.2      | 98.7      | 49 | 140.1      | 99.3      | 50 |
| 29  | 150.7   | 50 | 149.0      | 98.9      | 48 | 149.3      | 99.1      | 49 | 150.8      | 100.1     | 50 |
| 36  | 161.9   | 50 | 159.9      | 98.8      | 48 | 160.4      | 99.1      | 49 | 161.0      | 99.5      | 50 |
| 43  | 168.3   | 50 | 167.4      | 99.5      | 48 | 167.6      | 99.6      | 49 | 168.6      | 100.2     | 50 |
| 50  | 174.4   | 50 | 173.7      | 99.6      | 48 | 174.2      | 99.9      | 49 | 174.0      | 99.8      | 50 |
| 57  | 179.9   | 50 | 178.8      | 99.4      | 48 | 179.0      | 99.5      | 49 | 178.1      | 99.0      | 50 |
| 64  | 183.1   | 50 | 182.1      | 99.4      | 48 | 182.1      | 99.5      | 49 | 181.6      | 99.2      | 49 |
| 71  | 186.3   | 50 | 186.5      | 100.1     | 48 | 188.4      | 101.1     | 49 | 187.2      | 100.5     | 49 |
| 78  | 189.3   | 50 | 189.4      | 100.1     | 48 | 190.8      | 100.8     | 49 | 188.5      | 99.6      | 49 |
| 85  | 193.4   | 50 | 193.0      | 99.8      | 48 | 195.4      | 101.0     | 49 | 191.9      | 99.2      | 49 |
| 113 | 205.5   | 50 | 203.2      | 98.9      | 48 | 205.6      | 100.1     | 49 | 203.1      | 98.8      | 49 |
| 141 | 213.6   | 50 | 212.0      | 99.3      | 48 | 213.2      | 99.8      | 48 | 210.1      | 98.4      | 49 |
| 169 | 223.0   | 50 | 220.4      | 98.8      | 48 | 218.2      | 97.9      | 48 | 213.7      | 95.9      | 49 |
| 197 | 229.9   | 50 | 227.1      | 98.8      | 48 | 227.0      | 98.7      | 48 | 224.6      | 97.7      | 49 |
| 225 | 237.0   | 50 | 233.8      | 98.7      | 48 | 236.2      | 99.6      | 48 | 231.8      | 97.8      | 49 |
| 253 | 246.0   | 50 | 242.0      | 98.4      | 48 | 244.2      | 99.3      | 48 | 237.1      | 96.4      | 49 |
| 281 | 255.2   | 50 | 250.8      | 98.3      | 48 | 251.5      | 98.5      | 47 | 246.5      | 96.6      | 49 |
| 309 | 262.9   | 50 | 259.3      | 98.6      | 48 | 262.0      | 99.7      | 47 | 254.8      | 96.9      | 49 |
| 337 | 268.2   | 50 | 265.7      | 99.1      | 47 | 267.5      | 99.7      | 47 | 259.9      | 96.9      | 49 |
| 365 | 283.5   | 50 | 278.2      | 98.1      | 47 | 282.9      | 99.8      | 47 | 270.8      | 95.5      | 49 |
| 393 | 290.9   | 50 | 283.1      | 97.3      | 47 | 284.1      | 97.7      | 47 | 273.6      | 94.1      | 49 |
| 421 | 298.3   | 49 | 290.8      | 97.5      | 47 | 291.0      | 97.5      | 47 | 277.1      | 92.9      | 49 |
| 449 | 309.3   | 49 | 300.8      | 97.3      | 47 | 300.4      | 97.1      | 47 | 279.6      | 90.4      | 48 |
| 477 | 315.2   | 49 | 306.2      | 97.1      | 46 | 306.2      | 97.1      | 46 | 281.8      | 89.4      | 47 |
| 505 | 323.6   | 49 | 312.2      | 96.5      | 45 | 315.4      | 97.5      | 44 | 288.9      | 89.3      | 47 |
| 533 | 328.5   | 49 | 316.4      | 96.3      | 43 | 317.4      | 96.6      | 43 | 294.6      | 89.7      | 45 |
| 561 | 335.3   | 48 | 322.9      | 96.3      | 42 | 322.0      | 96.0      | 43 | 302.6      | 90.2      | 43 |
| 589 | 334.9   | 48 | 326.7      | 97.6      | 41 | 324.0      | 96.7      | 42 | 301.8      | 90.1      | 40 |
| 617 | 339.4   | 46 | 333.0      | 98.1      | 39 | 330.5      | 97.4      | 42 | 305.6      | 90.0      | 37 |
| 645 | 344.5   | 44 | 333.6      | 96.9      | 34 | 330.8      | 96.0      | 41 | 307.5      | 89.3      | 32 |
| 672 | 350.9   | 40 | 337.8      | 96.3      | 31 | 335.5      | 95.6      | 38 | 310.3      | 88.4      | 30 |
| 701 | 355.0   | 36 | 340.7      | 96.0      | 29 | 338.8      | 95.4      | 35 | 317.8      | 89.5      | 24 |

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Lab: BAT

**FEMALE**

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| DAY         | 0 MG/KG |    | 1250 MG/KG |                 |    | 2500 MG/KG |                 |    | 5000 MG/KG |                 |    |
|-------------|---------|----|------------|-----------------|----|------------|-----------------|----|------------|-----------------|----|
|             | WT(G)   | N  | WT(G)      | %<br>OF<br>CNTL | N  | WT(G)      | %<br>OF<br>CNTL | N  | WT(G)      | %<br>OF<br>CNTL | N  |
| TERM<br>SAC | 351.9   | 36 | 345.3      | 98.1            | 27 | 340.0      | 96.6            | 34 | 315.9      | 89.8            | 24 |

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