

**TDMS No.** 99007 - 06  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** MICE/B6C3F1

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

Goldenseal root powder  
**CAS Number:** GOLDENSEALRT

**Date Report Requested:** 06/25/2008  
**Time Report Requested:** 13:39:28  
**First Dose M/F:** 05/12/03 / 05/12/03  
**Lab:** SRI

**C Number:** C99007B  
**Lock Date:** 08/29/2006  
**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

MALE

| DAY | 0 PPM |    | 3000 PPM |           |    | 9000 PPM |           |    | 25000 PPM |           |    |
|-----|-------|----|----------|-----------|----|----------|-----------|----|-----------|-----------|----|
|     | WT(G) | N  | WT(G)    | % OF CNTL | N  | WT(G)    | % OF CNTL | N  | WT(G)     | % OF CNTL | N  |
| 1   | 20.4  | 50 | 20.5     | 100.3     | 50 | 20.7     | 101.1     | 50 | 20.6      | 100.7     | 50 |
| 8   | 21.1  | 50 | 21.6     | 102.3     | 50 | 21.7     | 103.0     | 50 | 21.2      | 100.7     | 50 |
| 15  | 22.8  | 50 | 22.9     | 100.3     | 50 | 23.1     | 101.4     | 50 | 22.9      | 100.3     | 50 |
| 22  | 23.8  | 50 | 24.2     | 101.6     | 50 | 24.1     | 101.3     | 50 | 24.1      | 101.3     | 50 |
| 29  | 24.5  | 50 | 25.1     | 102.2     | 50 | 24.4     | 99.7      | 50 | 24.8      | 101.1     | 50 |
| 36  | 25.5  | 50 | 25.8     | 101.3     | 50 | 25.6     | 100.5     | 50 | 25.6      | 100.6     | 50 |
| 43  | 26.4  | 50 | 27.1     | 102.4     | 50 | 26.6     | 100.6     | 50 | 26.6      | 100.7     | 50 |
| 50  | 27.1  | 50 | 27.8     | 102.7     | 50 | 27.1     | 100.1     | 50 | 27.2      | 100.4     | 50 |
| 57  | 28.2  | 50 | 29.2     | 103.7     | 50 | 28.6     | 101.3     | 50 | 28.5      | 101.2     | 50 |
| 64  | 29.2  | 50 | 30.1     | 103.1     | 50 | 28.7     | 98.4      | 50 | 28.8      | 98.6      | 50 |
| 71  | 30.4  | 50 | 31.0     | 102.1     | 50 | 30.0     | 98.7      | 50 | 29.7      | 97.6      | 50 |
| 78  | 31.0  | 50 | 31.8     | 102.3     | 50 | 30.8     | 99.3      | 50 | 30.4      | 97.8      | 50 |
| 85  | 32.3  | 50 | 32.9     | 101.9     | 50 | 32.1     | 99.3      | 50 | 31.3      | 96.8      | 50 |
| 113 | 34.6  | 50 | 35.4     | 102.1     | 50 | 34.7     | 100.2     | 50 | 33.1      | 95.7      | 50 |
| 141 | 37.7  | 50 | 37.0     | 98.1      | 50 | 36.0     | 95.4      | 50 | 34.8      | 92.3      | 50 |
| 169 | 36.6  | 50 | 37.5     | 102.5     | 50 | 36.5     | 99.9      | 50 | 34.9      | 95.5      | 50 |
| 197 | 38.5  | 50 | 41.1     | 106.6     | 50 | 39.7     | 103.1     | 50 | 38.0      | 98.7      | 50 |
| 225 | 40.6  | 50 | 42.4     | 104.3     | 50 | 41.1     | 101.0     | 50 | 39.4      | 96.9      | 50 |
| 256 | 43.9  | 50 | 44.9     | 102.3     | 50 | 43.9     | 100.0     | 50 | 42.1      | 95.9      | 50 |
| 281 | 44.3  | 50 | 45.5     | 102.7     | 50 | 44.3     | 100.0     | 50 | 42.6      | 96.2      | 50 |
| 309 | 47.3  | 50 | 47.9     | 101.4     | 50 | 47.0     | 99.6      | 50 | 45.6      | 96.5      | 50 |
| 337 | 48.2  | 50 | 48.7     | 101.1     | 50 | 47.9     | 99.4      | 50 | 46.7      | 97.0      | 50 |
| 365 | 47.8  | 50 | 48.3     | 101.0     | 50 | 48.2     | 100.8     | 50 | 47.0      | 98.2      | 50 |
| 393 | 48.1  | 50 | 48.8     | 101.5     | 50 | 48.5     | 100.9     | 50 | 47.2      | 98.2      | 50 |
| 422 | 47.3  | 50 | 48.2     | 102.0     | 50 | 47.6     | 100.6     | 50 | 46.7      | 98.6      | 50 |
| 449 | 48.3  | 50 | 49.2     | 102.0     | 50 | 48.2     | 99.9      | 50 | 46.9      | 97.2      | 50 |
| 477 | 47.8  | 50 | 49.0     | 102.5     | 50 | 47.6     | 99.5      | 50 | 46.8      | 97.8      | 50 |
| 505 | 47.7  | 49 | 48.6     | 101.9     | 50 | 47.7     | 99.9      | 50 | 46.4      | 97.2      | 50 |
| 533 | 47.7  | 49 | 48.2     | 101.1     | 50 | 46.9     | 98.2      | 50 | 45.8      | 96.0      | 50 |
| 561 | 47.4  | 48 | 47.8     | 101.0     | 48 | 47.3     | 99.8      | 48 | 46.0      | 97.2      | 50 |
| 589 | 46.9  | 48 | 48.1     | 102.7     | 47 | 47.1     | 100.5     | 47 | 45.7      | 97.5      | 50 |
| 618 | 46.4  | 48 | 47.8     | 102.9     | 47 | 46.0     | 99.2      | 47 | 45.0      | 97.0      | 49 |
| 645 | 46.3  | 47 | 47.0     | 101.4     | 44 | 46.3     | 100.0     | 46 | 43.9      | 94.8      | 48 |
| 673 | 45.8  | 46 | 45.9     | 100.3     | 43 | 46.7     | 102.2     | 45 | 44.0      | 96.1      | 48 |
| 701 | 46.6  | 44 | 45.6     | 97.9      | 41 | 46.3     | 99.5      | 45 | 44.1      | 94.7      | 47 |

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Goldenseal root powder  
CAS Number: GOLDENSEALRT

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First Dose M/F: 05/12/03 / 05/12/03  
Lab: SRI

**MALE**

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| DAY         | 0 PPM |    | 3000 PPM |                 |    | 9000 PPM |                 |    | 25000 PPM |                 |    |
|-------------|-------|----|----------|-----------------|----|----------|-----------------|----|-----------|-----------------|----|
|             | 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 | 46.7  | 43 | 46.4     | 99.4            | 37 | 45.7     | 97.9            | 45 | 43.7      | 93.6            | 45 |

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

FEMALE

| DAY | 0 PPM |    | 3000 PPM |           |    | 9000 PPM |           |    | 25000 PPM |           |    |
|-----|-------|----|----------|-----------|----|----------|-----------|----|-----------|-----------|----|
|     | WT(G) | N  | WT(G)    | % OF CNTL | N  | WT(G)    | % OF CNTL | N  | WT(G)     | % OF CNTL | N  |
| 1   | 15.4  | 50 | 15.4     | 100.1     | 50 | 15.4     | 100.6     | 50 | 15.2      | 99.2      | 50 |
| 9   | 18.5  | 50 | 18.5     | 100.3     | 50 | 18.0     | 97.8      | 49 | 18.3      | 99.4      | 50 |
| 16  | 19.1  | 50 | 19.2     | 100.2     | 50 | 19.1     | 99.8      | 49 | 19.0      | 99.5      | 50 |
| 23  | 20.0  | 50 | 20.5     | 102.6     | 50 | 20.4     | 102.1     | 49 | 20.2      | 101.1     | 50 |
| 30  | 21.6  | 50 | 21.7     | 100.6     | 50 | 21.3     | 98.9      | 49 | 21.3      | 98.7      | 50 |
| 37  | 21.5  | 50 | 22.2     | 103.1     | 50 | 21.7     | 100.7     | 49 | 21.4      | 99.4      | 50 |
| 44  | 23.2  | 50 | 23.4     | 101.2     | 50 | 23.3     | 100.6     | 49 | 22.7      | 98.0      | 50 |
| 51  | 24.0  | 50 | 24.0     | 99.9      | 50 | 24.1     | 100.3     | 49 | 22.9      | 95.5      | 50 |
| 58  | 25.0  | 50 | 25.1     | 100.7     | 50 | 24.9     | 99.9      | 49 | 24.2      | 96.9      | 50 |
| 65  | 24.3  | 50 | 24.8     | 102.1     | 50 | 24.1     | 99.3      | 49 | 23.2      | 95.4      | 50 |
| 72  | 26.4  | 50 | 26.4     | 100.2     | 50 | 26.1     | 98.9      | 49 | 25.4      | 96.5      | 50 |
| 79  | 27.3  | 50 | 27.0     | 98.8      | 50 | 26.7     | 97.7      | 49 | 25.6      | 93.7      | 50 |
| 86  | 28.0  | 50 | 28.1     | 100.1     | 50 | 27.9     | 99.7      | 49 | 26.6      | 95.0      | 50 |
| 114 | 31.0  | 50 | 31.0     | 100.0     | 50 | 30.1     | 97.1      | 49 | 29.0      | 93.3      | 50 |
| 142 | 33.0  | 50 | 32.9     | 99.6      | 50 | 32.5     | 98.3      | 49 | 30.1      | 91.1      | 50 |
| 170 | 31.9  | 50 | 33.0     | 103.5     | 50 | 32.1     | 100.4     | 49 | 30.3      | 94.9      | 50 |
| 198 | 33.7  | 50 | 36.4     | 107.9     | 50 | 34.8     | 103.1     | 49 | 32.8      | 97.2      | 50 |
| 226 | 35.7  | 50 | 38.3     | 107.4     | 50 | 36.6     | 102.6     | 49 | 33.9      | 95.0      | 50 |
| 254 | 38.4  | 50 | 39.9     | 103.8     | 50 | 38.6     | 100.5     | 49 | 35.9      | 93.6      | 50 |
| 282 | 41.0  | 50 | 42.6     | 104.1     | 50 | 41.5     | 101.3     | 49 | 38.8      | 94.6      | 50 |
| 310 | 44.7  | 50 | 46.0     | 103.0     | 50 | 45.1     | 101.1     | 49 | 41.5      | 92.9      | 49 |
| 338 | 47.1  | 50 | 47.9     | 101.7     | 50 | 47.5     | 100.9     | 49 | 44.3      | 94.0      | 49 |
| 366 | 47.0  | 50 | 48.7     | 103.7     | 50 | 48.2     | 102.7     | 48 | 44.8      | 95.4      | 49 |
| 394 | 47.2  | 50 | 50.0     | 105.9     | 50 | 48.7     | 103.2     | 48 | 46.0      | 97.4      | 49 |
| 422 | 47.4  | 50 | 49.4     | 104.3     | 50 | 49.0     | 103.5     | 48 | 45.9      | 97.0      | 49 |
| 450 | 49.3  | 50 | 51.5     | 104.6     | 49 | 51.2     | 103.9     | 48 | 47.3      | 96.1      | 49 |
| 478 | 50.0  | 50 | 51.3     | 102.6     | 49 | 51.1     | 102.3     | 48 | 46.3      | 92.7      | 49 |
| 506 | 50.1  | 50 | 52.1     | 104.0     | 48 | 51.4     | 102.7     | 48 | 47.0      | 93.9      | 49 |
| 534 | 50.4  | 49 | 52.5     | 104.2     | 47 | 52.1     | 103.5     | 47 | 47.7      | 94.6      | 48 |
| 562 | 50.7  | 48 | 52.5     | 103.6     | 47 | 52.2     | 103.0     | 47 | 47.6      | 94.0      | 47 |
| 590 | 50.8  | 48 | 52.8     | 103.8     | 47 | 52.9     | 104.1     | 47 | 48.5      | 95.5      | 46 |
| 618 | 50.7  | 47 | 53.6     | 105.8     | 47 | 53.3     | 105.1     | 47 | 48.3      | 95.4      | 46 |
| 646 | 51.8  | 46 | 54.2     | 104.7     | 47 | 52.7     | 101.8     | 46 | 48.8      | 94.2      | 46 |
| 674 | 51.3  | 46 | 53.9     | 105.1     | 47 | 53.2     | 103.6     | 42 | 48.3      | 94.1      | 46 |
| 702 | 51.9  | 46 | 54.4     | 104.8     | 45 | 53.7     | 103.5     | 39 | 49.2      | 94.8      | 43 |

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Goldenseal root powder  
CAS Number: GOLDENSEALRT

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Lab: SRI

**FEMALE**

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| DAY         | 0 PPM |    | 3000 PPM |                 |    | 9000 PPM |                 |    | 25000 PPM |                 |    |
|-------------|-------|----|----------|-----------------|----|----------|-----------------|----|-----------|-----------------|----|
|             | 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 | 52.2  | 44 | 53.9     | 103.3           | 44 | 54.8     | 105.0           | 36 | 48.9      | 93.7            | 43 |

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