

**Summary of Estrous Stages and Cycle Data**  
**Study C20323-04, Resveratrol, 13-Week Gavage Exposure of B6C3F1 Mice**

| Dose<br>(mg/kg) | Estrous stage<br>(percent) |        |           |          |                 | Cycle length <sup>a</sup><br>(days) |      |    | Number of cycles <sup>a</sup> |      |    |
|-----------------|----------------------------|--------|-----------|----------|-----------------|-------------------------------------|------|----|-------------------------------|------|----|
|                 | Proestrus                  | Estrus | Metestrus | Diestrus | NC <sup>b</sup> | Mean                                | S.E. | N  | Mean                          | S.E. | N  |
| 0               | 0.0                        | 39.4   | 15.0      | 39.4     | 6.3             | 4.5                                 | 0.62 | 10 | 2.2                           | 0.20 | 10 |
| 625             | 0.0                        | 27.5   | 26.9      | 41.3     | 4.4             | 4.0                                 | 0.08 | 10 | 2.3                           | 0.26 | 10 |
| 1250            | 0.0                        | 39.4   | 14.4      | 45.6     | 0.6             | 4.7                                 | 0.32 | 10 | 2.2                           | 0.25 | 10 |
| 2500            | 0.0                        | 33.8   | 21.9      | 43.8     | 0.6             | 4.5                                 | 0.41 | 10 | 2.4                           | 0.27 | 10 |

a: Each dose group is compared to the control with Shirley's test when a trend is present, P<0.01 from Jonckheere's trend test, otherwise Dunn's test is applied [\*\*=P<.01, \*=P<.05]

b: NC = Not Clear, Poor Quality, or Insufficient Number of Cells