

### Summary of Estrous Stages and Cycle Data, Study MOG002B, HMB All Cohorts, HSD Rats

Dose ppm	Estrous stage (percent)					Cycle length <sup>a</sup> (days)			Number of cycles <sup>a</sup>		
	Proestrus	Estrus	Metestrus	Diestrus	NC <sup>b</sup>	Mean	S.E.	N <sup>c</sup>	Mean	S.E.	N <sup>c</sup>
0	9.1	31.1	2.5	55.5	1.9	5.1	0.21	59	1.9	0.08	59
3000	9.8	31.7	2.4	55.3	0.8	4.8	0.14	58	1.9	0.08	58
10000	6.1	37.7	2.0	53.3	0.9	4.9	0.15	61	1.8	0.06	61
30000	10.2	36.6	0.9	51.7	0.5	4.9	0.17	60	2.0	0.07	60
0.05 EE <sup>d</sup>	9.6	28.5	1.7	59.2	1.1	5.1*	0.05	45	1.9	0.05	45

a: Trend comparisons use a bootstrap version of Jonckheere's test, and pairwise comparisons use a Datta-Satten modification to the Wilcoxon test, where the litter id is treated as a random effect and a Hommel adjustment for multiple comparisons across groups is applied. [\*\*=P<.01, \*=P<.05]

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

c: Animals that did not cycle were excluded from the Cycle Length and Number of Cycles results

d: The positive control group (0.05 EE) was compared to the control group independently from the treatment groups.