

a) *BPA Treatments Stop Dose Arm*

**Table 1. Summary Statistics  
 at Vaginal Opening for  
 Bisphenol-A Stop-Dose ( $\mu\text{g}/\text{kg}\cdot\text{BW}/\text{day}$ )**

<i>PND</i>			
<i>Dose</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>
0	26	41.1	1.8
2.5	26	42.1	2.5
25	25	40.0	1.5
250	26	39.6	1.2
2500	26	42.4	1.2
25000	26	38.0	1.3

**Table 2. ANOVA for Developmental Measures  
 at Vaginal Opening for Bisphenol-A Stop-Dose ( $\mu\text{g}/\text{kg}\cdot\text{BW}/\text{day}$ )**

<i>Endpoint</i>	<i>NumDF</i>	<i>DenDF</i>	<i>Fvalue</i>	<i>P value</i>
PND	5	149	1.006	0.416

RR-9: CLARITY-BPA Core Study  
 Data from 26 – Appendix XXVI Developmental Measures Statistical Report

*Table 3. Comparison of Least Squares Mean Developmental Measures at Vaginal Opening for Bisphenol-A Stop-Dose ( $\mu\text{g}/\text{kg}\cdot\text{BW}/\text{day}$ )<sup>1</sup>*

<i>Endpoint</i>	<i>Dose</i>																							
	<i>0</i>			<i>2.5</i>			<i>25</i>			<i>250</i>			<i>2500</i>			<i>25000</i>								
<i>Mean</i>	<i>SE</i>	<i>Pval</i> <sup>2</sup>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>Pval</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>Pval</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>Pval</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>Pval</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>Pval</i>		
PND	41.12	1.66	0.277	42.08	1.66	102.3	0.993	39.96	1.70	97.2	0.985	39.62	1.66	96.4	0.953	42.38	1.66	103.1	0.977	37.96	1.66	92.3	0.532	

<sup>1</sup> Animal was the experimental unit for analysis; pairwise p-values and % are relative to control.

<sup>2</sup> Dose trend is shown below the control group.

b) *BPA Treatments Continuous Dose Arm*

**Table 4. Summary Statistics at Vaginal Opening for Bisphenol-A Continuous Dose ( $\mu\text{g}/\text{kg}\cdot\text{BW}/\text{day}$ )**

<i>Dose</i>	<i>PND</i>			<i>BW (g)</i>		
	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>
0	26	35.9	1.1	26	120.5	4.6
2.5	25	35.2	0.7	25	117.1	5.0
25	24	36.5	0.8	24	128.6	4.6
250	25	37.8	1.4	25	131.1	5.8
2500	25	34.1	0.5	25	109.6	2.6
25000	24	35.4	0.6	24	121.0	4.3

**Table 5. ANOVA for Developmental Measures at Vaginal Opening for Bisphenol-A Continuous Dose ( $\mu\text{g}/\text{kg}\cdot\text{BW}/\text{day}$ )**

<i>Endpoint</i>	<i>NumDF</i>	<i>DenDF</i>	<i>Fvalue</i>	<i>P value</i>
Body Weight (g)	5	143	2.872	<b>0.016</b>
PND	5	143	1.852	0.106

RR-9: CLARITY-BPA Core Study  
 Data from 26 – Appendix XXVI Developmental Measures Statistical Report

**Table 6. Comparison of Least Squares Mean Developmental Measures at Vaginal Opening for Bisphenol-A Continuous Dose ( $\mu\text{g}/\text{kg}_{\text{BW}}/\text{day}$ )<sup>1</sup>**

<i>Endpoint</i>	<i>Dose</i>																							
	<i>0</i>				<i>2.5</i>				<i>25</i>				<i>250</i>				<i>2500</i>				<i>25000</i>			
	<i>Mean</i>	<i>SE</i>	<i>Pval</i> <sup>2</sup>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>Pval</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>Pval</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>Pval</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>Pval</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>Pval</i>	
Body Weight (g)	120.47	4.49	0.651	117.14	4.58	97.2	0.981	128.55	4.67	106.7	0.604	131.07	4.58	108.8	0.335	109.60	4.58	91.0	0.312	121.01	4.67	100.5	1.000	
PND	35.88	0.90	0.565	35.16	0.91	98.0	0.972	36.50	0.93	101.7	0.987	37.76	0.91	105.2	0.451	34.12	0.91	95.1	0.510	35.38	0.93	98.6	0.994	

<sup>1</sup> Animal was the experimental unit for analysis; pairwise p-values and % are relative to control.

<sup>2</sup> Dose trend is shown below the control group.

c) *EE<sub>2</sub> Treatments Continuous Dose*

**Table 7. Summary Statistics at Vaginal Opening for Ethinyl Estradiol Dose ( $\mu\text{g}/\text{kg}_{\text{BW}}/\text{day}$ )**

<i>Dose</i>	<i>PND</i>			<i>BW (g)</i>		
	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>
0	26	35.9	1.1	26	120.5	4.6
0.05	25	35.5	0.7	25	123.0	4.8
0.5	21	34.8	2.8	21	117.1	11.8

**Table 8. ANOVA for Developmental Measures at Vaginal Opening for Ethinyl Estradiol Dose ( $\mu\text{g}/\text{kg}_{\text{BW}}/\text{day}$ )**

<i>Endpoint</i>	<i>NumDF</i>	<i>DenDF</i>	<i>Fvalue</i>	<i>P value</i>
Body Weight (g)	2	69	0.156	0.855
PND	2	69	0.115	0.891

**Table 9. Comparison of Least Squares Mean Developmental Measures at Vaginal Opening for Ethinyl Estradiol Dose ( $\mu\text{g}/\text{kg}_{\text{BW}}/\text{day}$ )<sup>1</sup>**

<i>Endpoint</i>	<i>Dose</i>									
	<i>0</i>		<i>0.05</i>		<i>Pct</i>		<i>0.5</i>		<i>Pct</i>	
	<i>Mean</i>	<i>SE</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>Pval</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>Pval</i>
Body Weight (g)	120.47	6.94	122.96	7.07	102.1	0.956	117.11	7.72	97.2	0.928
PND	35.88	1.58	35.52	1.61	99.0	0.981	34.76	1.76	96.9	0.853

<sup>1</sup> Animal was the experimental unit for analysis; pairwise p-values and % are relative to control.