

a) BPA Treatments Stop Dose Arm

Table 1. Summary Statistics for Interim Sacrifice Female Body Weight Bisphenol-A Stop-Dose Arm																		
Dose ($\mu\text{g}/\text{kg}_{\text{BW}}/\text{day}$)																		
Week	0			2.5			25			250			2500			25000		
<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	
4	20	57.9	2.7	22	53.7	2.7	20	55.2	2.6	22	54.4	2.5	20	55.4	2.9	22	50.6	1.9
8	20	191.7	4.9	22	184.0	3.1	20	189.8	4.3	22	189.6	4.9	20	188.2	5.0	21	183.5	4.5
12	20	270.1	7.4	20	263.4	5.3	20	269.7	7.0	22	266.3	6.3	20	272.1	7.5	21	261.8	6.3
16	18	304.3	10.7	22	301.6	5.2	20	305.4	8.7	22	305.1	7.2	20	310.5	8.0	21	303.1	7.9
20	20	330.6	11.4	22	329.0	6.8	20	327.5	10.4	22	329.8	8.4	20	338.1	10.4	21	326.1	8.3
24	20	350.9	12.2	22	349.7	8.1	20	344.3	11.2	22	347.6	8.5	20	358.3	11.8	21	344.1	8.9
28	20	368.7	12.5	22	366.3	8.8	20	360.4	11.9	22	368.3	10.5	20	372.9	13.5	21	360.8	8.7
32	20	385.8	14.0	20	391.0	10.2	20	373.7	13.3	22	381.0	11.4	20	391.6	14.8	21	373.8	9.6
36	20	400.4	14.3	22	398.6	10.4	20	389.4	14.7	22	399.3	13.3	20	403.9	15.3	21	386.4	10.5
40	18	410.2	16.2	22	419.2	11.5	20	404.5	15.6	20	418.3	15.3	20	421.3	16.6	20	406.6	12.2
44	20	438.6	16.7	22	432.6	12.3	20	419.1	16.1	22	430.9	15.8	20	437.7	18.2	20	420.5	12.3
48	20	458.6	18.0	22	453.1	13.7	20	435.6	17.2	22	449.4	17.9	20	451.6	18.2	20	440.1	13.2
52	20	477.3	19.4	22	468.5	14.5	20	449.7	19.1	22	467.5	19.5	20	466.1	19.0	20	454.9	14.1

Table 2. Summary Statistics for Interim Sacrifice Male Body Weight Bisphenol-A Stop-Dose Arm																		
Dose ($\mu\text{g}/\text{kg}_{\text{BW}}/\text{day}$)																		
Week	0			2.5			25			250			2500			25000		
<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	
4	20	61.3	2.1	20	57.9	3.0	20	58.6	2.7	19	59.7	3.1	20	56.8	2.6	22	60.7	2.0
8	20	274.3	7.0	20	268.7	7.7	20	271.2	5.7	19	270.3	8.9	20	260.9	6.1	22	277.1	4.4
12	20	423.6	11.2	20	431.7	9.4	20	426.1	6.9	19	430.1	12.3	20	413.2	8.0	22	436.0	7.7
16	20	505.4	13.6	20	528.9	12.1	20	512.1	9.0	19	514.9	14.1	20	502.9	10.7	22	521.5	8.9
20	20	561.0	15.1	20	587.0	13.7	19	572.5	11.2	19	565.8	15.1	20	559.5	11.6	22	580.6	9.8
24	20	596.8	16.4	20	627.5	16.2	19	610.0	11.9	19	603.3	15.7	20	592.8	11.0	22	618.0	10.7
28	20	626.8	18.2	20	657.7	17.3	18	642.1	14.1	19	629.6	16.6	20	622.7	13.7	22	644.6	11.8
32	20	651.5	19.1	20	685.0	18.2	19	670.6	15.0	19	655.0	17.8	20	650.8	15.2	22	667.1	12.3
36	20	675.3	20.6	20	709.5	18.6	17	701.1	18.3	19	677.1	19.1	20	673.5	17.0	22	685.4	12.8
40	18	683.7	21.9	19	736.8	21.0	19	717.1	17.6	18	687.2	18.2	20	691.5	17.9	22	708.8	13.7
44	20	716.8	23.1	20	761.3	21.3	19	737.9	19.0	19	716.2	20.1	20	711.9	18.7	22	726.0	14.8
48	20	731.0	24.9	19	782.7	23.2	19	757.9	21.5	19	735.0	21.6	20	734.6	20.3	22	743.1	15.6
52	20	752.8	26.5	20	802.6	22.8	19	774.6	22.6	18	743.2	22.9	20	751.1	21.5	22	759.3	16.6

RR-9: CLARITY-BPA Core Study
Data from 24 – Appendix XXIV Analysis of Interim Sacrifice Body Weight Data Statistical Report

**Table 3. ANOVA Results for Body Weight Interim Sacrifice
Female Bisphenol-A Stop-Dose ($\mu\text{g}/\text{kg}_{\text{BW}}/\text{day}$)**

<i>Effect</i>	<i>NumDF</i>	<i>DenDF</i>	<i>Fvalue</i>	<i>P value</i>
Dose	5	120	0.342	0.886
Week	12	1414	1610.142	<.001
Dose*Week	60	1414	0.268	0.999

Table 4. Comparisons of Least Squares Means for Body Weight Interim Sacrifice Female Bisphenol-A Stop-Dose Arm¹

<i>Dose ($\mu\text{g}/\text{kg}_{\text{BW}}/\text{day}$)</i>																							
<i>0</i>				<i>2.5</i>				<i>25</i>				<i>250</i>				<i>2500</i>				<i>25000</i>			
<i>Week</i>	<i>Mean</i>	<i>SE</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>
4	57.9	2.6	0.129	53.7	2.5	92.8	0.660	55.2	2.6	95.4	0.921	54.4	2.5	94.0	0.793	55.4	2.6	95.7	0.942	50.6	2.5	87.4	0.157
8	191.7	4.5	0.460	184.1	4.3	96.0	0.628	189.8	4.6	99.0	0.999	189.6	4.3	98.9	0.998	188.2	4.6	98.2	0.978	183.7	4.4	95.8	0.587
12	270.0	6.7	0.765	263.1	6.3	97.5	0.915	269.7	6.7	99.9	1.000	266.3	6.4	98.6	0.994	272.1	6.7	100.8	1.000	262.0	6.4	97.0	0.858
16	308.0	8.0	0.948	301.2	7.4	97.8	0.957	305.4	8.1	99.2	1.000	305.1	7.7	99.0	0.999	310.5	8.1	100.8	1.000	303.4	7.8	98.5	0.992
20	331.4	9.2	0.940	328.4	8.8	99.1	0.999	327.5	9.5	98.8	0.998	329.8	9.1	99.5	1.000	338.1	9.5	102.0	0.984	326.3	9.2	98.5	0.994
24	351.5	10.1	0.952	349.1	9.7	99.3	1.000	344.3	10.4	97.9	0.984	347.6	9.9	98.9	0.999	358.3	10.4	101.9	0.988	344.4	10.0	98.0	0.983
28	369.5	11.1	0.886	365.9	10.6	99.0	1.000	360.4	11.3	97.5	0.970	368.3	10.8	99.7	1.000	372.9	11.3	100.9	1.000	361.0	11.0	97.7	0.976
32	386.7	12.3	0.759	383.3	11.8	99.1	1.000	373.7	12.6	96.6	0.918	381.0	12.0	98.5	0.997	391.6	12.6	101.3	0.999	374.0	12.2	96.7	0.921
36	401.2	13.3	0.692	397.5	12.6	99.1	1.000	389.4	13.5	97.1	0.958	399.3	12.9	99.5	1.000	403.9	13.5	100.7	1.000	386.7	13.1	96.4	0.901
40	420.5	14.7	0.635	417.7	13.8	99.3	1.000	404.5	14.8	96.2	0.906	416.7	14.2	99.1	1.000	421.3	14.8	100.2	1.000	404.4	14.5	96.2	0.900
44	441.3	15.3	0.518	431.3	14.7	97.7	0.987	419.1	15.8	95.0	0.768	431.2	14.9	97.7	0.987	437.7	15.8	99.2	1.000	418.4	15.5	94.8	0.739
48	461.1	16.3	0.459	451.7	15.6	98.0	0.993	435.6	16.7	94.5	0.711	449.7	15.8	97.5	0.983	451.6	16.7	98.0	0.994	438.1	16.4	95.0	0.778
52	480.3	17.5	0.407	467.0	16.7	97.2	0.975	449.7	17.9	93.6	0.614	468.0	16.9	97.4	0.982	466.1	17.9	97.0	0.971	452.9	17.7	94.3	0.704

¹ All p-values and % are relative to the 0 dose control group, except p-value for dose trend shown below control.

RR-9: CLARITY-BPA Core Study
Data from 24 – Appendix XXIV Analysis of Interim Sacrifice Body Weight Data Statistical Report

Table 5. ANOVA Results for Body Weight Interim Sacrifice Male Bisphenol-A Stop-Dose ($\mu\text{g}/\text{kg}\cdot\text{bw}/\text{day}$)

<i>Effect</i>	<i>NumDF</i>	<i>DenDF</i>	<i>Fvalue</i>	<i>P value</i>
Dose	5	115	0.908	0.478
Week	12	1362	1539.715	<.001
Dose*Week	60	1362	0.423	0.999

Table 6. Comparisons of Least Squares Means for Body Weight Interim Sacrifice Male Bisphenol-A Stop-Dose Arm¹

<i>Dose ($\mu\text{g}/\text{kg}\cdot\text{bw}/\text{day}$)</i>																							
<i>0</i>				<i>2.5</i>				<i>25</i>				<i>250</i>				<i>2500</i>				<i>25000</i>			
<i>Week</i>	<i>Mean</i>	<i>SE</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>
4	61.3	2.6	0.805	57.9	2.6	94.5	0.826	58.5	2.6	95.5	0.913	59.6	2.7	97.3	0.990	56.8	2.6	92.7	0.616	60.7	2.5	99.0	1.000
8	274.2	6.7	0.863	268.6	6.7	98.0	0.967	271.1	6.7	98.9	0.997	270.2	6.9	98.5	0.993	260.9	6.7	95.1	0.485	277.1	6.4	101.1	0.998
12	423.5	9.4	0.887	431.7	9.4	101.9	0.960	426.0	9.4	100.6	1.000	430.0	9.6	101.5	0.986	413.2	9.4	97.6	0.902	436.0	9.0	102.9	0.800
16	505.3	11.5	0.952	528.9	11.5	104.7	0.457	511.9	11.5	101.3	0.994	514.8	11.8	101.9	0.971	502.9	11.5	99.5	1.000	521.5	11.0	103.2	0.764
20	560.9	12.8	0.907	587.0	12.8	104.6	0.461	569.2	12.9	101.5	0.989	565.6	13.1	100.8	0.999	559.5	12.8	99.7	1.000	580.6	12.2	103.5	0.696
24	596.7	13.8	0.989	627.5	13.8	105.2	0.371	606.7	13.9	101.7	0.982	603.1	14.1	101.1	0.998	592.8	13.8	99.3	1.000	618.0	13.1	103.6	0.694
28	626.7	15.3	0.841	657.7	15.3	104.9	0.464	639.4	15.5	102.0	0.968	629.3	15.7	100.4	1.000	622.7	15.3	99.4	1.000	644.6	14.6	102.9	0.865
32	651.4	16.3	0.783	685.0	16.3	105.2	0.450	667.9	16.5	102.5	0.929	654.6	16.8	100.5	1.000	650.8	16.3	99.9	1.000	667.1	15.6	102.4	0.934
36	675.2	17.4	0.591	709.5	17.4	105.1	0.495	697.1	17.7	103.3	0.847	676.7	17.9	100.2	1.000	673.5	17.5	99.8	1.000	685.4	16.6	101.5	0.992
40	693.7	18.5	0.638	734.0	18.5	105.8	0.392	715.6	18.5	103.2	0.870	696.2	18.9	100.4	1.000	691.5	18.4	99.7	1.000	708.8	17.6	102.2	0.966
44	716.9	19.4	0.454	760.8	19.5	106.1	0.362	736.4	19.7	102.7	0.931	716.9	20.0	100.0	1.000	711.9	19.7	99.3	1.000	726.0	18.8	101.3	0.997
48	731.1	20.9	0.583	779.5	21.1	106.6	0.342	756.5	21.3	103.5	0.864	735.9	21.6	100.7	1.000	734.6	21.2	100.5	1.000	743.1	20.2	101.6	0.993
52	752.5	21.8	0.422	802.9	21.8	106.7	0.338	773.4	22.2	102.8	0.943	750.5	22.5	99.7	1.000	751.1	21.9	99.8	1.000	759.3	20.9	100.9	1.000

¹ All p-values and % are relative to the 0 dose control group, except p-value for dose trend shown below control.

b) BPA Treatments Continuous Dose Arm

Table 7. Summary Statistics for Interim Sacrifice Female Body Weight Bisphenol-A Continuous Dose Arm

		<i>Dose ($\mu\text{g}/\text{kg}_{\text{BW}}/\text{day}$)</i>																							
		<i>0</i>				<i>2.5</i>				<i>25</i>				<i>250</i>				<i>2500</i>				<i>25000</i>			
<i>Week</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>				
4	23	75.6	1.3	22	76.6	1.6	22	75.7	2.3	24	73.6	1.8	20	73.0	1.4	24	75.3	1.6							
8	23	195.7	5.3	22	203.4	4.3	22	204.9	3.9	24	195.8	3.9	20	196.0	3.6	24	197.3	4.0							
12	22	268.0	6.0	22	277.3	5.6	22	277.9	5.8	24	265.5	5.7	20	261.6	4.9	24	262.0	5.6							
16	22	302.0	7.5	22	314.3	7.0	22	316.6	7.0	24	298.8	6.9	20	293.4	4.9	24	292.9	7.4							
20	22	321.7	8.3	22	342.1	9.4	22	345.0	8.2	24	316.5	7.8	20	311.2	6.0	24	315.5	9.5							
24	22	340.4	9.9	22	363.2	11.7	22	362.2	9.4	24	331.3	9.1	20	330.7	5.9	24	331.6	10.8							
28	22	353.8	10.5	22	382.4	13.0	22	380.4	10.6	24	343.6	9.7	20	345.7	6.8	24	350.9	11.9							
32	22	370.1	12.9	22	402.7	14.4	22	394.9	11.3	24	359.7	10.8	20	361.8	7.9	24	365.8	12.8							
36	22	383.8	13.9	22	422.4	16.3	22	409.8	11.9	24	374.4	11.5	20	376.1	8.8	24	378.3	14.0							
40	22	396.2	14.6	22	439.3	18.0	22	422.2	11.9	23	376.7	10.2	20	394.3	10.3	24	395.8	14.5							
44	22	409.7	15.6	22	455.3	19.4	22	433.9	12.6	23	389.1	11.1	20	408.7	11.7	24	409.1	15.8							
48	21	421.3	18.1	22	475.8	20.5	21	447.1	13.7	22	407.6	12.6	20	423.9	12.1	24	427.5	17.2							
52	21	435.6	19.1	22	494.3	21.8	21	460.4	14.9	22	426.8	14.4	20	435.7	13.2	24	440.7	17.7							

RR-9: CLARITY-BPA Core Study
 Data from 24 – Appendix XXIV Analysis of Interim Sacrifice Body Weight Data Statistical Report

Table 8. Summary Statistics for Interim Sacrifice Male Body Weight Bisphenol-A Continuous Dose Arm

		<i>Dose (µg/kg_{BW}/day)</i>																	
		<i>0</i>			<i>2.5</i>			<i>25</i>			<i>250</i>			<i>2500</i>			<i>25000</i>		
<i>Week</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	
4	22	84.5	2.5	22	82.9	2.2	20	85.2	2.5	24	80.8	2.3	20	82.8	2.4	22	79.9	1.4	
8	22	297.8	7.1	22	299.0	6.9	20	296.3	7.4	24	288.0	6.7	20	296.4	7.7	21	290.4	5.1	
12	22	424.2	8.8	22	429.1	7.9	20	429.1	9.8	24	415.5	7.5	20	425.7	10.7	21	416.6	8.3	
16	22	494.4	9.8	22	504.7	9.1	20	500.1	11.2	24	490.3	8.5	20	496.0	11.5	21	484.1	9.3	
20	22	540.1	10.5	22	553.9	10.6	19	553.4	13.1	24	540.8	10.0	20	542.0	13.1	21	531.7	10.5	
24	22	578.1	12.1	22	589.6	11.5	19	586.3	14.3	24	576.3	11.5	20	579.4	14.5	21	567.8	11.7	
28	21	604.4	13.4	22	620.6	12.3	19	612.4	15.3	24	607.3	12.3	20	610.2	16.2	21	595.5	12.8	
32	21	627.1	14.0	22	643.4	13.1	19	636.5	15.8	24	632.7	12.5	20	635.4	18.2	21	619.8	13.5	
36	21	645.1	15.0	22	666.6	14.1	19	653.1	17.1	24	653.1	13.1	20	655.7	19.2	21	638.7	14.5	
40	20	664.2	17.2	22	690.0	16.0	19	673.2	18.1	24	674.0	13.5	19	674.8	20.6	21	658.6	15.4	
44	19	688.0	16.0	22	707.0	17.1	19	688.9	18.9	24	691.0	14.4	19	693.0	21.1	21	675.5	17.0	
48	19	701.6	17.6	22	723.7	19.5	18	714.6	19.9	24	711.8	15.3	18	705.6	24.3	21	693.3	17.4	
52	18	720.2	19.5	22	742.1	20.6	18	729.3	21.5	24	732.1	15.7	18	724.3	26.0	21	713.5	18.6	

RR-9: CLARITY-BPA Core Study
Data from 24 – Appendix XXIV Analysis of Interim Sacrifice Body Weight Data Statistical Report

**Table 9. ANOVA Results for Body Weight Interim Sacrifice
Female Bisphenol-A Continuous Dose ($\mu\text{g}/\text{kg}\cdot\text{BW}/\text{day}$)**

<i>Effect</i>	<i>NumDF</i>	<i>DenDF</i>	<i>Fvalue</i>	<i>P value</i>
Dose	5	129	3.097	0.011
Week	12	1527	1138.354	<.001
Dose*Week	60	1527	0.564	0.997

Table 10. Comparisons of Least Squares Means for Body Weight Interim Sacrifice Female Bisphenol-A Continuous Dose Arm¹

<i>Dose ($\mu\text{g}/\text{kg}\cdot\text{BW}/\text{day}$)</i>																							
<i>0</i>				<i>2.5</i>				<i>25</i>				<i>250</i>				<i>2500</i>				<i>25000</i>			
<i>Week</i>	<i>Mean</i>	<i>SE</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>
4	75.6	1.7	0.306	76.6	1.7	101.3	0.994	75.7	1.7	100.0	1.000	73.6	1.6	97.3	0.849	73.0	1.8	96.5	0.727	75.3	1.6	99.6	1.000
8	195.7	4.2	0.502	203.4	4.3	103.9	0.566	204.9	4.3	104.7	0.396	195.8	4.1	100.1	1.000	196.0	4.5	100.1	1.000	197.3	4.1	100.8	0.999
12	264.2	5.6	0.132	277.3	5.7	104.9	0.339	277.9	5.7	105.2	0.298	265.5	5.5	100.5	1.000	261.6	6.0	99.0	0.998	262.0	5.5	99.2	0.999
16	297.9	6.9	0.067	314.3	7.0	105.5	0.316	316.6	7.0	106.3	0.204	298.8	6.7	100.3	1.000	293.4	7.3	98.5	0.989	292.9	6.7	98.3	0.979
20	317.2	8.3	0.063	342.1	8.4	107.9	0.135	345.0	8.4	108.8	0.078	316.5	8.1	99.8	1.000	311.2	8.9	98.1	0.984	315.5	8.1	99.5	1.000
24	335.6	9.8	0.068	363.2	9.8	108.2	0.173	362.2	9.8	107.9	0.199	331.3	9.4	98.7	0.998	330.7	10.3	98.5	0.997	331.6	9.4	98.8	0.999
28	349.1	10.7	0.121	382.4	10.8	109.5	0.111	380.3	10.8	108.9	0.151	343.6	10.3	98.4	0.996	345.7	11.3	99.0	1.000	350.9	10.3	100.5	1.000
32	365.4	12.0	0.119	402.7	12.1	110.2	0.111	394.9	12.1	108.1	0.285	359.7	11.6	98.4	0.997	361.8	12.7	99.0	1.000	365.8	11.6	100.1	1.000
36	379.2	13.1	0.101	422.4	13.2	111.4	0.080	409.8	13.2	108.1	0.330	374.4	12.6	98.7	0.999	376.1	13.8	99.2	1.000	378.3	12.6	99.8	1.000
40	391.9	13.6	0.173	439.3	13.7	112.1	0.058	422.2	13.7	107.7	0.376	383.5	13.2	97.9	0.990	394.3	14.3	100.6	1.000	395.8	13.1	101.0	1.000
44	405.6	14.8	0.191	455.2	14.8	112.3	0.071	433.9	14.8	107.0	0.519	395.7	14.3	97.6	0.986	408.7	15.5	100.8	1.000	409.1	14.2	100.9	1.000
48	420.9	16.1	0.232	475.8	16.1	113.0	0.065	449.5	16.1	106.8	0.591	413.0	15.6	98.1	0.997	423.9	16.8	100.7	1.000	427.5	15.4	101.6	0.998
52	435.2	17.2	0.209	494.3	17.1	113.6	0.062	462.8	17.3	106.4	0.681	432.0	16.7	99.3	1.000	435.7	18.0	100.1	1.000	440.7	16.4	101.3	1.000

¹ All p-values and % are relative to the 0 dose control group, except p-value for dose trend shown below control.

RR-9: CLARITY-BPA Core Study
Data from 24 – Appendix XXIV Analysis of Interim Sacrifice Body Weight Data Statistical Report

Table 11. ANOVA Results for Body Weight Interim Sacrifice Male Bisphenol-A Continuous Dose ($\mu\text{g}/\text{kg}\cdot\text{bw}/\text{day}$)

<i>Effect</i>	<i>NumDF</i>	<i>DenDF</i>	<i>Fvalue</i>	<i>P value</i>
Dose	5	124	0.504	0.773
Week	12	1444	1488.563	<.001
Dose*Week	60	1444	0.199	1.000

Table 12. Comparisons of Least Squares Means for Body Weight Interim Sacrifice Male Bisphenol-A Continuous Dose Arm¹

<i>Dose ($\mu\text{g}/\text{kg}\cdot\text{bw}/\text{day}$)</i>																							
<i>0</i>				<i>2.5</i>				<i>25</i>				<i>250</i>				<i>2500</i>				<i>25000</i>			
<i>Week</i>	<i>Mean</i>	<i>SE</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>
4	84.5	2.2	0.143	82.9	2.2	98.1	0.983	85.2	2.3	100.8	1.000	80.8	2.1	95.7	0.636	82.8	2.3	98.0	0.981	79.9	2.2	94.6	0.452
8	297.8	6.8	0.341	299.0	6.8	100.4	1.000	296.3	7.1	99.5	1.000	288.0	6.5	96.7	0.747	296.4	7.1	99.5	1.000	290.1	6.8	97.4	0.888
12	424.2	8.7	0.385	429.1	8.7	101.2	0.994	429.1	9.1	101.2	0.994	415.5	8.3	97.9	0.924	425.7	9.1	100.4	1.000	416.2	8.8	98.1	0.951
16	494.4	9.7	0.276	504.7	9.7	102.1	0.915	500.1	10.2	101.1	0.994	490.3	9.3	99.2	0.998	496.0	10.2	100.3	1.000	483.7	9.8	97.8	0.902
20	540.1	11.1	0.344	553.9	11.1	102.6	0.846	549.5	11.6	101.7	0.967	540.8	10.6	100.1	1.000	542.0	11.6	100.4	1.000	531.3	11.2	98.4	0.973
24	578.1	12.4	0.390	589.6	12.4	102.0	0.948	582.3	13.1	100.7	0.999	576.3	11.8	99.7	1.000	579.4	13.0	100.2	1.000	567.4	12.5	98.1	0.962
28	605.7	13.5	0.450	620.6	13.4	102.5	0.898	608.6	14.2	100.5	1.000	607.3	12.8	100.3	1.000	610.2	14.1	100.7	1.000	595.1	13.6	98.2	0.974
32	628.4	14.3	0.569	643.4	14.2	102.4	0.916	632.8	15.1	100.7	1.000	632.7	13.6	100.7	1.000	635.4	14.9	101.1	0.997	619.4	14.5	98.6	0.991
36	646.3	15.3	0.592	666.6	15.1	103.1	0.812	649.5	16.1	100.5	1.000	653.1	14.5	101.1	0.998	655.7	15.9	101.5	0.992	638.3	15.4	98.8	0.996
40	660.1	16.5	0.678	690.0	16.2	104.5	0.564	669.8	17.3	101.5	0.993	674.0	15.5	102.1	0.961	672.6	17.1	101.9	0.979	658.2	16.5	99.7	1.000
44	676.2	17.3	0.738	707.0	16.8	104.5	0.577	685.7	18.0	101.4	0.995	691.0	16.1	102.2	0.957	690.9	17.8	102.2	0.966	675.1	17.2	99.8	1.000
48	690.2	18.9	0.818	723.7	18.1	104.9	0.573	706.4	19.5	102.3	0.965	711.8	17.4	103.1	0.869	705.2	19.4	102.2	0.974	693.0	18.5	100.4	1.000
52	705.7	20.3	0.968	742.1	19.3	105.2	0.559	721.4	20.9	102.2	0.977	732.1	18.5	103.7	0.799	723.9	20.8	102.6	0.957	713.1	19.7	101.1	0.999

¹ All p-values and % are relative to the 0 dose control group, except p-value for dose trend shown below control.

*EE₂ Treatments Continuous Dose***Table 13. Summary Statistics for Interim Sacrifice Female Body Weight Ethinyl Estradiol Dose**

		<i>Dose ($\mu\text{g}/\text{kg}_{\text{BW}}/\text{day}$)</i>								
		<i>0</i>			<i>0.05</i>			<i>0.5</i>		
<i>Week</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	
4	23	75.6	1.3	26	74.8	1.6	26	80.7	1.9	
8	23	195.7	5.3	26	201.3	4.4	26	209.2	3.8	
12	22	268.0	6.0	26	272.6	6.7	26	262.4	4.9	
16	22	302.0	7.5	26	307.9	7.4	26	291.1	5.3	
20	22	321.7	8.3	26	332.5	8.2	26	312.1	6.5	
24	22	340.4	9.9	26	352.0	8.9	26	329.5	7.9	
28	22	353.8	10.5	26	365.0	9.1	26	348.1	8.5	
32	22	370.1	12.9	26	383.9	10.0	26	366.6	9.5	
36	22	383.8	13.9	26	397.9	10.4	26	384.3	10.5	
40	22	396.2	14.6	25	417.3	11.1	26	397.4	10.5	
44	22	409.7	15.6	25	433.7	11.2	26	411.7	10.9	
48	21	421.3	18.1	24	448.7	12.9	26	426.9	11.6	
52	21	435.6	19.1	24	468.1	13.6	26	440.3	12.3	

Table 14. Summary Statistics for Interim Sacrifice Male Body Weight Ethinyl Estradiol Dose

		<i>Dose ($\mu\text{g}/\text{kg}_{\text{BW}}/\text{day}$)</i>								
		<i>0</i>			<i>0.05</i>			<i>0.5</i>		
<i>Week</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	<i>N</i>	<i>Mean</i>	<i>SE</i>	
4	22	84.5	2.5	26	83.5	2.1	26	88.3	2.1	
8	22	297.8	7.1	26	297.8	7.0	26	304.3	5.4	
12	22	424.2	8.8	26	431.2	8.8	26	437.2	6.2	
16	22	494.4	9.8	26	503.7	10.2	26	505.4	7.9	
20	22	540.1	10.5	25	551.4	12.3	24	550.1	9.9	
24	22	578.1	12.1	25	588.4	13.3	26	584.0	9.2	
28	21	604.4	13.4	25	613.2	13.6	26	611.4	10.0	
32	21	627.1	14.0	25	635.9	14.3	26	634.3	10.3	
36	21	645.1	15.0	25	660.2	15.3	25	651.8	11.7	
40	20	664.2	17.2	24	680.8	16.5	25	672.7	12.6	
44	19	688.0	16.0	25	697.2	17.4	25	686.7	13.3	
48	19	701.6	17.6	24	712.4	18.9	23	714.8	14.2	
52	18	720.2	19.5	22	729.7	21.4	23	723.7	15.7	

**Table 15. ANOVA Results for Body Weight Interim Sacrifice
Female Ethinyl Estradiol Dose ($\mu\text{g}/\text{kg}_{\text{BW}}/\text{day}$)**

<i>Effect</i>	<i>NumDF</i>	<i>DenDF</i>	<i>Fvalue</i>	<i>P value</i>
Dose	2	72	1.485	0.233
Week	12	845	531.786	<.001
Dose*Week	24	845	1.899	0.005

**Table 16. Comparisons of Least Squares Means for Body Weight
Interim Sacrifice Female Ethinyl Estradiol Dose¹**

<i>Week</i>	<i>Dose ($\mu\text{g}/\text{kg}_{\text{BW}}/\text{day}$)</i>									
	<i>0</i>		<i>0.05</i>				<i>0.5</i>			
	<i>Mean</i>	<i>SE</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>
4	75.6	1.7	74.8	1.6	98.9	0.916	80.7	1.6	106.7	0.060
8	195.7	4.7	201.3	4.4	102.9	0.590	209.2	4.4	106.9	0.066
12	264.3	6.2	272.6	5.8	103.1	0.512	262.4	5.8	99.3	0.963
16	298.3	7.0	307.8	6.6	103.2	0.506	291.1	6.6	97.6	0.672
20	317.8	8.0	332.5	7.5	104.6	0.303	312.1	7.5	98.2	0.819
24	336.4	9.2	352.0	8.6	104.7	0.356	329.5	8.6	98.0	0.808
28	350.0	9.8	365.0	9.1	104.3	0.423	348.1	9.1	99.5	0.985
32	366.2	11.2	383.9	10.4	104.9	0.403	366.6	10.4	100.1	0.999
36	380.0	12.1	397.9	11.2	104.7	0.447	384.3	11.2	101.1	0.951
40	392.7	12.5	417.6	11.6	106.3	0.249	397.4	11.6	101.2	0.946
44	406.4	13.1	434.0	12.1	106.8	0.213	411.7	12.1	101.3	0.937
48	421.8	14.6	449.7	13.5	106.6	0.274	426.9	13.4	101.2	0.952
52	436.0	15.5	469.1	14.4	107.6	0.205	440.3	14.1	101.0	0.970

¹ All p-values and % are relative to the 0 dose control group

**Table 17. ANOVA Results for Body Weight Interim Sacrifice
 Male Ethinyl Estradiol Dose ($\mu\text{g}/\text{kg}\cdot\text{BW}/\text{day}$)**

<i>Effect</i>	<i>NumDF</i>	<i>DenDF</i>	<i>Fvalue</i>	<i>P value</i>
Dose	2	71	0.466	0.629
Week	12	812	927.172	<.001
Dose*Week	24	812	0.272	0.999

**Table 18. Comparisons of Least Squares Means for Body Weight
 Interim Sacrifice Male Ethinyl Estradiol Dose¹**

<i>Week</i>	<i>Dose ($\mu\text{g}/\text{kg}\cdot\text{BW}/\text{day}$)</i>									
	<i>0</i>			<i>0.05</i>				<i>0.5</i>		
	<i>Mean</i>	<i>SE</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>	<i>Mean</i>	<i>SE</i>	<i>Pct</i>	<i>P value</i>
4	84.5	2.4	83.6	2.2	98.9	0.942	88.3	2.2	104.6	0.382
8	297.8	6.9	298.0	6.3	100.1	1.000	304.4	6.3	102.2	0.702
12	424.2	8.5	431.5	7.8	101.7	0.748	437.3	7.8	103.1	0.414
16	494.4	9.9	504.0	9.1	101.9	0.698	505.5	9.1	102.2	0.622
20	540.1	11.3	553.9	10.5	102.6	0.572	549.6	10.5	101.8	0.762
24	578.1	12.2	590.9	11.3	102.2	0.658	583.0	11.1	100.9	0.936
28	605.7	12.9	615.7	12.0	101.7	0.792	610.4	11.8	100.8	0.948
32	628.3	13.6	638.5	12.5	101.6	0.805	633.3	12.3	100.8	0.947
36	646.3	14.8	662.9	13.6	102.6	0.619	651.5	13.3	100.8	0.950
40	660.0	16.0	680.0	14.7	103.0	0.557	672.3	14.4	101.9	0.794
44	676.3	16.5	697.6	15.0	103.1	0.534	686.4	14.9	101.5	0.862
48	690.4	17.8	715.0	16.0	103.6	0.484	707.2	15.9	102.4	0.704
52	705.5	19.7	733.2	17.7	103.9	0.473	722.4	17.4	102.4	0.746

¹ All p-values and % are relative to the 0 dose control group