

RR-9: CLARITY-BPA Core Study
 Data from 14-Appendix XIV Background BPA Ingestion
 2 Year Females Stop Dose

Week	Veh Mean	2.5 Mean	25 Mean	250 Mean	2500 Mean	25000 Mean	All Mean	Mean BPA ng/g	Max BPA ng/g	Cutoff BPA ng/g	Mean ng consumed	Max ng consumed	Limit ng consumption
4	7.8	7.4	7.8	7.9	7.8	7.9	7.8	1.3	3	5	10.1	23.3	38.8
#5-8	16.1	15.9	16.1	16.5	16	16.3	16.2	1.3	3	5	21.0	48.5	80.8
#9-12	18.3	19.3	19.1	19.5	19	19.3	19.1	1.3	3	5	24.8	57.3	95.4
13-16	18.3	19.2	18.8	19	18.3	19	18.8	1.3	3	5	24.4	56.3	93.8
17-20	18.1	17.8	18	17.5	17.7	18.1	17.9	1.3	3	5	23.2	53.6	89.3
21-24	17	18	16.2	15.1	16.6	17.5	16.7	1.3	3	5	21.8	50.2	83.7
25-28	17.6	17.3	16.1	17.2	15.3	18.2	17.0	1.3	3	5	22.0	50.9	84.8
29-32	18.3	17	16.8	14.1	13.5	19.1	16.5	1.3	3	5	21.4	49.4	82.3
33-36	16.3	14.6	16.1	16	16.9	15.4	15.9	1.3	3	5	20.6	47.7	79.4
37-40	16	18.2	16.4	17.5	18	17.9	17.3	1.3	3	5	22.5	52.0	86.7
41-44	12	13.6	16.3	15.3	17.3	15.9	15.1	1.3	3	5	19.6	45.2	75.3
45-48	13.3	16.8	17.6	15.4	17.9	15.2	16.0	1.3	3	5	20.8	48.1	80.2
49-52	18.1	17.8	18	18.6	16.1	18.3	17.8	1.3	3	5	23.2	53.5	89.1
53-56	16.5	18.3	15.7	14.8	16	15.6	16.2	1.3	3	5	21.0	48.5	80.8
57-60	18	16.7	15.1	17	16.7	12.7	16.0	1.3	3	5	20.8	48.1	80.2
61-64	12.7	15.1	15.2	15	15.2	13.8	14.5	1.3	3	5	18.9	43.5	72.5
65-68	12.8	14.3	19.3	19.8	17.6	21.6	17.6	1.3	3	5	22.8	52.7	87.8
69-72	18.3	16.8	16.6	21	18.2	18.2	18.2	1.3	3	5	23.6	54.6	90.9
73-76	18.9	20.7	19.6	19.8	19.4	20.3	19.8	1.3	3	5	25.7	59.4	98.9
77-80	19.3	20.1	19.6	20.1	20.2	18.7	19.7	1.3	3	5	25.6	59.0	98.3
81-84	18.1	25.1	18.6	21.1	17.5	18.7	19.9	1.3	3	5	25.8	59.6	99.3
85-88	20.4	19.3	20.2	21	16.8	18.8	19.4	1.3	3	5	25.2	58.3	97.1
89-92	20.3	24.1	23.1	21.4	22.8	22.5	22.4	1.3	3	5	29.1	67.1	111.8
93-96	20	21.3	22.2	24.8	19.1	23.2	21.8	1.3	3	5	28.3	65.3	108.8
97-100	20	21.4	20	22.4	24.7	25.1	22.3	1.3	3	5	28.9	66.8	111.3
		Mean BPA	Max BPA	Limit BPA									
Week	F Stop Veh BW	µg/kg/d	µg/kg/d	µg/kg/d	Mean % Low Dose	Max % Low Dose	Limit % Low Dose						
4	56.8	0.18	0.41	0.68	7.1	16.4	27.3						
8	189.5	0.11	0.26	0.43	4.4	10.2	17.0						
12	269.5	0.09	0.21	0.35	3.7	8.5	14.2						
16	311.5	0.08	0.18	0.30	3.1	7.2	12.0						
20	338.5	0.07	0.16	0.26	2.7	6.3	10.6						
24	359.4	0.06	0.14	0.23	2.4	5.6	9.3						
28	378.6	0.06	0.13	0.22	2.3	5.4	9.0						
32	393.1	0.05	0.13	0.21	2.2	5.0	8.4						
36	409.4	0.05	0.12	0.19	2.0	4.7	7.8						
40	420.3	0.05	0.12	0.21	2.1	4.9	8.2						
44	436.4	0.04	0.10	0.17	1.8	4.1	6.9						
48	457.1	0.05	0.11	0.18	1.8	4.2	7.0						
52	479.4	0.05	0.11	0.19	1.9	4.5	7.4						
56	496.9	0.04	0.10	0.16	1.7	3.9	6.5						
60	516	0.04	0.09	0.16	1.6	3.7	6.2						
64	536.4	0.04	0.08	0.14	1.4	3.2	5.4						
68	557.5	0.04	0.09	0.16	1.6	3.8	6.3						
72	570.6	0.04	0.10	0.16	1.7	3.8	6.4						
76	569.7	0.05	0.10	0.17	1.8	4.2	6.9						
80	575.8	0.04	0.10	0.17	1.8	4.1	6.8						
84	588.5	0.04	0.10	0.17	1.8	4.0	6.7						
88	594.6	0.04	0.10	0.16	1.7	3.9	6.5						
92	590.8	0.05	0.11	0.19	2.0	4.5	7.6						
96	599.9	0.05	0.11	0.18	1.9	4.4	7.3						
100	600.2	0.05	0.11	0.19	1.9	4.5	7.4						
104	607.6	0.05	0.11	0.18	1.9	4.4	7.3						
	Overall Mean	0.06	0.13	0.22	2.33	5.37	8.95						

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 Data from 14-Appendix XIV Background BPA Ingestion
 2 Year Males Stop Dose

Week	Veh Mean	2.5 Mean	25 Mean	250 Mean	2500 Mean	25000 Mean	All Mean	Mean BPA ng/g	Max BPA ng/g	Cutoff BPA ng/g	Mean ng consumed	Max ng consumed	Limit ng consumption
4	8.9	8	9.1	9	8.4	8.5	8.7	1.3	3	5	11.2	26.0	43.3
#5-8	20.5	20.5	21.6	21.3	20.6	20.8	20.9	1.3	3	5	27.1	62.7	104.4
#9-12	25.1	26	26	25.7	25.8	26.1	25.8	1.3	3	5	33.5	77.4	128.9
13-16	25.3	26.2	26.1	25.8	25.6	26.8	26.0	1.3	3	5	33.8	77.9	129.8
17-20	26.1	28.1	26.2	25.9	25.6	26.3	26.4	1.3	3	5	34.3	79.1	131.8
21-24	25.4	24.7	24.5	23.3	23.2	24.9	24.3	1.3	3	5	31.6	73.0	121.7
25-28	24.9	24.5	22.5	23.9	24	25.4	24.2	1.3	3	5	31.5	72.6	121.0
29-32	23.2	22.3	24.8	21	19.9	22.5	22.3	1.3	3	5	29.0	66.9	111.4
33-36	21.8	20.8	21.1	19.8	19.2	22.5	20.9	1.3	3	5	27.1	62.6	104.3
37-40	19.2	21.1	21.4	22.1	24.8	23.9	22.1	1.3	3	5	28.7	66.3	110.4
41-44	18.4	18.4	19.9	20.5	22.9	22.1	20.4	1.3	3	5	26.5	61.1	101.8
45-48	20.8	19.4	23.2	20.7	22.7	19.8	21.1	1.3	3	5	27.4	63.3	105.5
49-52	21.9	22.9	24.8	24.4	21.6	25.2	23.5	1.3	3	5	30.5	70.4	117.3
53-56	21.9	21.4	23.6	20.8	23.2	21.6	22.1	1.3	3	5	28.7	66.3	110.4
57-60	19.4	22.4	23	24.3	22.2	20.9	22.0	1.3	3	5	28.6	66.1	110.2
61-64	18.5	20.7	19.1	21.4	24.2	22.1	21.0	1.3	3	5	27.3	63.0	105.0
65-68	18.3	16.5	20.6	26.4	23.4	27.3	22.1	1.3	3	5	28.7	66.3	110.4
69-72	19.6	22.2	23.5	23.4	21.5	22.6	22.1	1.3	3	5	28.8	66.4	110.7
73-76	25	25.4	25.2	27.2	27.1	29.2	26.5	1.3	3	5	34.5	79.6	132.6
77-80	23.4	25.3	23.2	23	26.2	27.3	24.7	1.3	3	5	32.2	74.2	123.7
81-84	21.6	26.4	25.2	25	25.5	24.4	24.7	1.3	3	5	32.1	74.1	123.4
85-88	24.7	24.3	24.7	28.7	25.8	26.2	25.7	1.3	3	5	33.5	77.2	128.7
89-92	25.6	26.5	24.6	28.3	26.1	28.9	26.7	1.3	3	5	34.7	80.0	133.3
93-96	29.2	24.9	27.2	21.8	25.7	27	26.0	1.3	3	5	33.8	77.9	129.8
97-100	28.5	22.4	26.2	27.5	28.2	26.6	26.6	1.3	3	5	34.5	79.7	132.8
Week	M Stop Veh BW	Mean BPA µg/kg/d	Max BPA µg/kg/d	Limit BPA µg/kg/d	Mean % Low Dose	Max % Low Dose	Limit % Low Dose						
4	61	0.18	0.43	0.71	7.4	17.0	28.4						
8	270.5	0.10	0.23	0.39	4.0	9.3	15.4						
12	427.6	0.08	0.18	0.30	3.1	7.2	12.1						
16	508.6	0.07	0.15	0.26	2.7	6.1	10.2						
20	567.3	0.06	0.14	0.23	2.4	5.6	9.3						
24	606.4	0.05	0.12	0.20	2.1	4.8	8.0						
28	637.3	0.05	0.11	0.19	2.0	4.6	7.6						
32	664.3	0.04	0.10	0.17	1.7	4.0	6.7						
36	687.9	0.04	0.09	0.15	1.6	3.6	6.1						
40	704.2	0.04	0.09	0.16	1.6	3.8	6.3						
44	731.6	0.04	0.08	0.14	1.4	3.3	5.6						
48	751.5	0.04	0.08	0.14	1.5	3.4	5.6						
52	771.7	0.04	0.09	0.15	1.6	3.6	6.1						
56	788.6	0.04	0.08	0.14	1.5	3.4	5.6						
60	811.3	0.04	0.08	0.14	1.4	3.3	5.4						
64	830.6	0.03	0.08	0.13	1.3	3.0	5.1						
68	855.1	0.03	0.08	0.13	1.3	3.1	5.2						
72	873.7	0.03	0.08	0.13	1.3	3.0	5.1						
76	883.8	0.04	0.09	0.15	1.6	3.6	6.0						
80	887.8	0.04	0.08	0.14	1.4	3.3	5.6						
84	896.4	0.04	0.08	0.14	1.4	3.3	5.5						
88	906	0.04	0.09	0.14	1.5	3.4	5.7						
92	902.7	0.04	0.09	0.15	1.5	3.5	5.9						
96	903.4	0.04	0.09	0.14	1.5	3.4	5.7						
100	928	0.04	0.09	0.14	1.5	3.4	5.7						
104	907.6	0.04	0.09	0.15	1.5	3.5	5.9						
	Overall Mean	0.05	0.12	0.19	2.00	4.61	7.68						

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 Data from 14-Appendix XIV Background BPA Ingestion
 2 Year Females Continuous Dose

Week	Veh Mean	2.5 Mean	25 Mean	250 Mean	2500 Mean	25000 Mean	0.05 Mean	0.5 Mean	All Mean	Mean BPA ng/g	Max BPA ng/g	Cutoff BPA ng/g	Mean ng consumed	Max ng consumed	Limit ng consumption
4	7.4	7.2	7.3	7.5	7.3	8.2	6.8	7.9	7.5	1.3	3	5	9.7	22.4	37.3
#5-8	15.1	15.2	15.7	15.4	14.9	15.4	15.1	15.9	15.3	1.3	3	5	19.9	46.0	76.7
#9-12	18.6	18.3	18.1	18.3	17.6	18.3	17.8	17.7	18.1	1.3	3	5	23.5	54.3	90.4
13-16	18.2	18.2	18	17.9	18.6	17.7	16.9	18.1	18.0	1.3	3	5	23.3	53.9	89.8
17-20	17.6	16.8	16.5	16.8	17	16.2	16.5	18.3	17.0	1.3	3	5	22.1	50.9	84.8
21-24	16.7	17	16.6	16.5	16.7	16.7	16	18.2	16.8	1.3	3	5	21.8	50.4	84.0
25-28	17	15.3	16.1	16.9	17.8	16.8	16.4	18.6	16.9	1.3	3	5	21.9	50.6	84.3
29-32	17.4	17.5	16	16	15.9	15.3	13.7	17.8	16.2	1.3	3	5	21.1	48.6	81.0
33-36	15	13.5	16.6	14.5	15.7	14.5	12.1	16.8	14.8	1.3	3	5	19.3	44.5	74.2
37-40	14.8	17.7	17.3	17.5	17.2	16.3	15	14.2	16.3	1.3	3	5	21.1	48.8	81.3
41-44	16.5	16.8	14.3	14.6	15.5	15	10.5	19.1	15.3	1.3	3	5	19.9	45.9	76.4
45-48	14.3	13.5	15.4	10.6	15.7	16.3	16.8	16.5	14.9	1.3	3	5	19.4	44.7	74.4
49-52	13.6	14.5	14	14.5	15.9	17.3	16.4	16.4	15.3	1.3	3	5	19.9	46.0	76.6
53-56	13.9	16.9	17.3	17	16.6	15.9	15.6	14.6	16.0	1.3	3	5	20.8	47.9	79.9
57-60	13.8	16.1	16.7	15.4	14.8	14.6	12.3	18.8	15.3	1.3	3	5	19.9	45.9	76.6
61-64	15.5	15.1	15.9	13.3	16.1	11	16.3	13.7	14.6	1.3	3	5	19.0	43.8	73.1
65-68	14.5	13.3	20.5	18.6	16.7	17.1	16.1	17.2	16.8	1.3	3	5	21.8	50.3	83.8
69-72	16.7	16.6	20.1	22.6	17.2	13.2	15	16.9	17.3	1.3	3	5	22.5	51.9	86.4
73-76	18.4	20.1	23.9	19.5	17.8	18	18.6	20.6	19.6	1.3	3	5	25.5	58.8	98.1
77-80	19.3	17.1	18.5	16.9	16.8	15.9	19.1	21.2	18.1	1.3	3	5	23.5	54.3	90.5
81-84	15.6	18	18	19.2	15.2	17.3	15.4	22.3	17.6	1.3	3	5	22.9	52.9	88.1
85-88	17.7	18.4	17.6	21.1	15.6	19	18.3	19	18.3	1.3	3	5	23.8	55.0	91.7
89-92	20.4	20.3	20.2	21.5	19.5	19.6	16	22.9	20.1	1.3	3	5	26.1	60.2	100.3
93-96	19.7	18.5	19.4	21	21.1	19.3	17.9	22.4	19.9	1.3	3	5	25.9	59.7	99.6
97-100	16.4	21.1	20.4	20.1	18.4	18.6	21.6	21.6	19.8	1.3	3	5	25.7	59.3	98.9
Week	F Cont Veh BW	Mean BPA µg/kg/d	Max BPA µg/kg/d	Limit BPA µg/kg/d	Mean % Low Dose	Max % Low Dose	Limit % Low Dose								
4	75.4	0.13	0.30	0.49	5.1	11.9	19.8								
8	196	0.10	0.23	0.39	4.1	9.4	15.7								
12	266.1	0.09	0.20	0.34	3.5	8.2	13.6								
16	302.5	0.08	0.18	0.30	3.1	7.1	11.9								
20	324.4	0.07	0.16	0.26	2.7	6.3	10.5								
24	342.3	0.06	0.15	0.25	2.6	5.9	9.8								
28	358.8	0.06	0.14	0.23	2.4	5.6	9.4								
32	372.4	0.06	0.13	0.22	2.3	5.2	8.7								
36	387.2	0.05	0.11	0.19	2.0	4.6	7.7								
40	401.7	0.05	0.12	0.20	2.1	4.9	8.1								
44	417.3	0.05	0.11	0.18	1.9	4.4	7.3								
48	430.9	0.04	0.10	0.17	1.8	4.1	6.9								
52	447.2	0.04	0.10	0.17	1.8	4.1	6.9								
56	463	0.04	0.10	0.17	1.8	4.1	6.9								
60	478.4	0.04	0.10	0.16	1.7	3.8	6.4								
64	495.1	0.04	0.09	0.15	1.5	3.5	5.9								
68	506.4	0.04	0.10	0.17	1.7	4.0	6.6								
72	519.7	0.04	0.10	0.17	1.7	4.0	6.7								
76	530.9	0.05	0.11	0.18	1.9	4.4	7.4								
80	542.5	0.04	0.10	0.17	1.7	4.0	6.7								
84	533	0.04	0.10	0.17	1.7	4.0	6.6								
88	534	0.04	0.10	0.17	1.8	4.1	6.9								
92	530.1	0.05	0.11	0.19	2.0	4.5	7.6								
96	531.3	0.05	0.11	0.19	1.9	4.5	7.5								
100	536.6	0.05	0.11	0.18	1.9	4.4	7.4								
104	534.1	0.05	0.11	0.19	1.9	4.4	7.4								
	Overall Mean	0.06	0.13	0.22	2.26	5.21	8.69								

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2 Year Males Continuous Dose

Week	Veh Mean	2.5 Mean	25 Mean	250 Mean	2500 Mean	25000 Mean	0.05 Mean	0.5 Mean	All Mean	Mean BPA ng/g	Max BPA ng/g	Cutoff BPA ng/g	Mean ng consumed	Max ng consumed	Limit ng consumption
4	8.2	7.8	8.3	8.5	7.9	8.4	8.4	8.8	8.3	1.3	3	5	11	25	41
#5-8	19.7	19.8	20.2	19.4	19.2	20.1	19.3	20.7	19.8	1.3	3	5	26	59	99
#9-12	24.7	25.2	25.1	24.8	23.2	24.9	24.2	25.3	24.7	1.3	3	5	32	74	123
13-16	25.4	25.4	25.4	24.9	24.4	24.5	25.5	24.3	25.0	1.3	3	5	32	75	125
17-20	26.3	25.5	24.5	24.6	24.7	24.2	25.1	24.8	25.0	1.3	3	5	32	75	125
21-24	24.1	24.5	24.9	23.6	22.8	24.2	24.4	25.1	24.2	1.3	3	5	31	73	121
25-28	23.9	24.2	22.4	21	22.6	24.4	24.2	24.9	23.5	1.3	3	5	30	70	117
29-32	24.2	20.4	24	23.2	24	21	21.1	24.2	22.8	1.3	3	5	30	68	114
33-36	22.5	20	22.8	21.9	21.1	21	21.3	20.8	21.4	1.3	3	5	28	64	107
37-40	20.6	23.9	23.2	24.9	22.2	21.5	21.8	21.6	22.5	1.3	3	5	29	67	112
41-44	20.7	24.4	21.3	19.1	22.5	19.9	19.2	23	21.3	1.3	3	5	28	64	106
45-48	20.5	15.5	15.9	16.5	18.4	19.3	20.8	20.1	18.4	1.3	3	5	24	55	92
49-52	20.3	19.9	20.8	20.1	21.4	22.4	20.4	21	20.8	1.3	3	5	27	62	104
53-56	20.1	22.5	21	24.5	20.3	20	15.4	19.9	20.5	1.3	3	5	27	61	102
57-60	18.9	23.5	21.1	25.1	19.2	17.1	19.7	27.6	21.5	1.3	3	5	28	65	108
61-64	20.6	19.7	19.3	20.6	17.8	20.3	18.7	16.4	19.2	1.3	3	5	25	58	96
65-68	18.6	18.8	19.7	24.2	22.8	21.6	23.8	23.2	21.6	1.3	3	5	28	65	108
69-72	20.8	23.2	31	27.1	20	21.2	20	22.1	23.2	1.3	3	5	30	70	116
73-76	22.3	25.8	26.8	25.5	25	25.7	26.5	22.4	25.0	1.3	3	5	33	75	125
77-80	25	22.4	24.4	24.1	21.6	24.2	19.7	26.1	23.4	1.3	3	5	30	70	117
81-84	25.9	24.2	26.7	22	22.7	23.8	19.5	22.5	23.4	1.3	3	5	30	70	117
85-88	22.6	24	26.7	24.1	22.6	22.1	22	20.6	23.1	1.3	3	5	30	69	115
89-92	25	24.6	24	25.7	27.8	29.4	28.3	28	26.6	1.3	3	5	35	80	133
93-96	23.9	22.2	22.1	24.2	24.5	29.9	25.6	22.6	24.4	1.3	3	5	32	73	122
97-100	24.3	26.3	24.1	23.2	26.8	26.7	28.2	23.8	25.4	1.3	3	5	33	76	127
		Mean BPA	Max BPA	Limit BPA											
Week	M Cont Veh BW	µg/kg/d	µg/kg/d	µg/kg/d	Mean % Low Dose	Max % Low Dose	Limit % Low Dose								
4	83.9	0.13	0.30	0.49	5.1	11.9	19.8								
8	294.9	0.09	0.20	0.34	3.5	8.1	13.4								
12	428.8	0.07	0.17	0.29	3.0	6.9	11.5								
16	503	0.06	0.15	0.25	2.6	6.0	9.9								
20	550.3	0.06	0.14	0.23	2.4	5.4	9.1								
24	585.9	0.05	0.12	0.21	2.1	5.0	8.3								
28	614.2	0.05	0.11	0.19	2.0	4.6	7.6								
32	639.2	0.05	0.11	0.18	1.9	4.3	7.1								
36	646.9	0.04	0.10	0.17	1.7	4.0	6.6								
40	666.8	0.04	0.10	0.17	1.8	4.0	6.7								
44	684.1	0.04	0.09	0.16	1.6	3.7	6.2								
48	700.5	0.03	0.08	0.13	1.4	3.1	5.2								
52	718.6	0.04	0.09	0.14	1.5	3.5	5.8								
56	735.5	0.04	0.08	0.14	1.4	3.3	5.6								
60	748.5	0.04	0.09	0.14	1.5	3.5	5.8								
64	765.2	0.03	0.08	0.13	1.3	3.0	5.0								
68	783.3	0.04	0.08	0.14	1.4	3.3	5.5								
72	792.5	0.04	0.09	0.15	1.5	3.5	5.8								
76	801.1	0.04	0.09	0.16	1.6	3.7	6.2								
80	818.9	0.04	0.09	0.14	1.5	3.4	5.7								
84	826.6	0.04	0.08	0.14	1.5	3.4	5.7								
88	826.3	0.04	0.08	0.14	1.5	3.4	5.6								
92	822.6	0.04	0.10	0.16	1.7	3.9	6.5								
96	831.2	0.04	0.09	0.15	1.5	3.5	5.9								
100	822.7	0.04	0.09	0.15	1.6	3.7	6.2								
104	817.6	0.04	0.09	0.16	1.6	3.7	6.2								
	Overall Mean	0.05	0.11	0.19	1.93	4.45	7.42								