

I-Addendum 4-3 Physical development test; AGD of female offspring rat on PND4 - individual values

continued

BPA 0.05mg/kg/day

F1/Dam No.	21	22	23	24	25	26	27	28	29	30
1	2.09	2.16	2.24	1.63	1.94	2.17	2.08	2.25	3.02	2.33
2		1.99	2.17	1.61	1.82	1.93	2.29	2.90	2.71	2.95
3		1.91	2.03	1.98	1.99	1.98	2.43	2.04	2.16	2.52
4		2.22	2.39	1.81	1.95	1.83	2.41	2.56	2.01	2.29
5			2.06		2.13	2.01	2.06	2.15	2.20	2.71
6			2.20		2.19	2.07	2.13	2.10	2.58	2.59
7			2.04		1.88	2.13	2.28	2.64		
8			2.02			2.13	2.28	2.64		
9			2.23			2.13	2.30	2.28		
10										
11										
12										
Mean	2.09	2.07	2.15	1.76	1.99	2.02	2.25	2.37	2.45	2.57
S.D.		0.14	0.13	0.17	0.13	0.12	0.14	0.30	0.39	0.25
n	1	4	9	4	7	7	8	8	6	6

I-Addendum 4-3 Physical development test; AGD of female offspring rat on PND4 - individual values

continued

BPA 40mg/kg/day

F1/Dam No.	31	32	33	34	35	36	37	38	39	40
1	2.12	2.76	2.11	1.91	2.02	2.38	2.90	2.30	2.61	2.37
2	2.10	2.27	2.13	1.93	2.12	2.51	2.72	2.19	2.75	2.20
3	2.42	2.49	2.06	2.22	2.00	2.43	2.31	2.48	2.78	2.32
4	2.05	2.41	2.21	1.98	2.10	2.37	2.23	1.99	2.70	1.74
5			2.02	1.98	2.20	2.09	2.20	2.69	2.62	2.30
6				1.80	2.14	2.47	2.41	2.22	2.56	1.86
7				1.79		2.45	2.29	2.42	2.52	
8						2.50	2.52		2.35	
9										
10										
11										
12										
Mean	2.17	2.48	2.11	1.94	2.10	2.40	2.45	2.33	2.61	2.13
S.D.	0.17	0.21	0.07	0.14	0.08	0.14	0.25	0.23	0.14	0.27
n	4	4	5	7	6	8	8	7	8	6

I-Addendum 4-3 Physical development test; AGD of female offspring rat on PND4 - individual values

continued

BPA 400mg/kg/day		41	42	43	44	45	46	47 ^{b)}	48	49	50
F1/Dam No.		41	42	43	44	45	46	47 ^{b)}	48	49	50
1		2.31	2.50	2.17	1.94	2.46	2.14	-	2.68	2.14	2.21
2		2.26	2.38	2.20	1.91	2.23	1.98	-	2.70	2.95	2.26
3		2.12	2.10	1.97	1.94	2.45	1.69	-	2.52	2.90	2.04
4		2.09	2.13	1.64	1.92	2.24	2.00	-	2.16	2.26	1.85
5		2.04	2.36	1.56	2.23	2.35	1.94	-	2.50	2.77	2.31
6		2.18	2.11	1.70	2.01	2.37	1.92	-	2.51	2.14	2.07
7			2.25			2.53			2.39		
8						2.44					
9											
10											
11											
12											
Mean		2.17	2.26	1.87	1.99	2.38	1.95		2.51	2.51	2.12
S.D.		0.10	0.16	0.28	0.12	0.11	0.15		0.19	0.36	0.17
n		6	7	6	6	8	6	-	6	7	6

b) All her pups were dead of neglect in a time between birth and PND4

I-Addendum 4-3 Physical development test; AGD of female offspring rat on PND4 - individual values

continued

EE 0.05mg/kg/day

F1/Dam No.	51	52	53	54	55	56	57	58	59	60
1	1.98	2.47	2.51	2.21	2.33	2.51	2.33	2.81	2.87	2.89
2	2.41	2.63	2.23	2.23	2.48	2.48	2.21	2.60	2.80	2.25
3	2.08	2.38	2.11	2.18	2.50	2.46	2.42	2.61	2.82	2.32
4	2.27	2.35	2.50	2.33	2.61	2.51	2.16	2.82	2.76	
5	1.90	2.44	2.19	2.21	2.37	2.34	2.37	2.25	2.30	
6	2.54	2.62	1.96		2.37	2.43	2.39	2.23	2.44	
7			2.41		2.36	2.78	2.53	2.29	2.38	
8			2.15						2.81	
9									2.56	
10									2.29	
11										
12										
Mean	2.20	2.48	2.26	2.23	2.43	2.50	2.34	2.52	2.60	2.49
S.D.	0.25	0.12	0.20	0.06	0.10	0.14	0.13	0.26	0.23	0.35
n	6	6	8	5	7	7	7	7	10	3

I-Addendum 4-4 Physical development test; Relative AGD of female offspring rat on PND4 - individual values

Vehicle control										
F1/Dam No.	1	2	3 ^{a)}	4	5 ^{b)}	6	7	8	9	10
1	1.08	0.92		1.05		0.95	0.95	1.32	1.03	1.06
2	1.07	0.85		0.88		1.27	1.04	0.94	1.22	1.11
3	0.97	1.04		0.96		1.15	1.06	1.22	1.03	1.06
4	0.96	0.90		1.06		0.97	1.17	1.05	1.18	1.12
5	1.12			0.89		1.15	1.22	1.27	0.94	
6	1.02			1.01		1.19	1.11	1.18		
7	1.03			1.05			1.03	1.22		
8	0.98			1.01			1.20	1.12		
9				0.95				1.03		
10				0.99				1.11		
11										
12										
Mean	1.03	0.92		0.99		1.11	1.10	1.15	1.08	1.09
S.D.	3.39	0.08		0.06		0.13	0.09	0.12	0.12	0.04
n	8	4	-	10	-	6	8	10	5	4

Unit; AGD/3√ b.w.

a) The animal was not pregnant

b) All her pups were dead of neglect in a time between birth and PND4

I-Addendum 4-4 Physical development test; Relative AGD of female offspring rat on PND4 - individual values

continued

BPA 0.005mg/kg/day

F1/Dam No.	11	12	13	14	15	16	17	18	19	20
1	1.07	0.91	0.95	0.95	0.97	1.11	1.25	1.04	0.98	1.13
2	0.96	0.96	0.89	0.97	1.21		1.26	1.12	1.02	1.34
3	1.14	0.99		0.92	1.04			1.10	0.98	1.11
4	1.00	0.96			1.09			1.21	1.04	1.16
5	0.87	0.86			1.05			0.97	0.99	1.17
6	1.03	0.99			1.03			1.02		1.25
7	1.14	1.07			0.97			1.06		1.17
8	0.89	0.93						1.06		1.33
9		0.97						0.96		1.23
10										1.05
11										
12										
Mean	1.01	0.96	0.92	0.94	1.05	1.11	1.25	1.06	1.00	1.19
S.D.	0.10	0.06	0.05	0.03	0.08	0.00	0.00	0.08	0.03	0.09
n	8	9	2	3	7	1	2	9	5	10

Unit: AGD/3√ b.w.

I-Addendum 4-4 Physical development test; Relative AGD of female offspring rat on PND4 - individual values

continued

BPA 0.05mg/kg/day

F1/Dam No.	21	22	23	24	25	26	27	28	29	30
1	0.92	0.97	1.05	0.77	0.92	0.96	0.94	1.08	1.41	1.08
2		0.89	1.05	0.79	0.89	0.88	1.05	1.33	1.39	1.40
3		0.82	0.99	0.97	0.97	0.86	1.08	0.99	1.03	1.20
4		0.98	1.12	0.89	0.94	0.79	1.11	1.20	1.02	1.07
5			0.99		1.01	0.90	0.96	0.98	1.07	1.28
6			1.08		1.04	0.94	0.95	0.98	1.24	1.19
7			0.96		0.91	0.98	1.05	1.19		
8			0.97				1.01			
9			1.07							
10										
11										
12										
Mean	0.92	0.91	1.03	0.86	0.95	0.90	1.02	1.10	1.19	1.20
S.D.		0.07	0.05	0.09	0.06	0.07	0.06	0.13	0.18	0.12
n	1	4	9	4	7	7	8	8	6	6

Unit; AGD/3√ b.w.

I-Addendum 4-4 Physical development test; Relative AGD of female offspring rat on PND4 - individual values continued

F1/Dam No.	31	32	33	34	35	36	37	38	39	40
1	1.02	1.21	0.96	0.90	0.97	1.15	1.35	1.08	1.17	1.09
2	1.01	1.04	0.95	0.87	1.03	1.20	1.31	1.03	1.25	1.05
3	1.15	1.14	0.91	1.04	0.97	1.14	1.06	1.19	1.23	1.11
4	0.98	1.09	0.98	0.92	1.00	1.16	1.05	1.07	1.21	0.81
5			0.90	0.94	1.07	1.01	1.15	1.25	1.19	1.09
6				0.87	1.06	1.18	1.16	1.05	1.16	0.86
7				0.82		1.12	1.07	1.17	1.15	
8						1.21	1.16		1.09	
9										
10										
11										
12										
Mean	1.04	1.12	0.94	0.91	1.02	1.15	1.16	1.12	1.18	1.00
S.D.	0.07	0.07	0.03	0.07	0.04	0.06	0.11	0.08	0.05	0.13
n	4	4	5	7	6	8	8	7	8	6

Unit: AGD/ $3\sqrt{b.w.}$

I-Addendum 4-4 Physical development test; Relative AGD of female offspring rat on PND4 - individual values

continued

BPA 400mg/kg/day

F1/Dam No.	41	42	43	44	45	46	47 ^{b)}	48	49	50
1	1.09	1.18	1.04	0.99	1.14	1.03		1.33	1.03	1.01
2	1.04	1.19	1.04	0.98	1.03	0.96		1.37	1.39	1.06
3	0.99	1.02	0.94	0.99	1.11	0.87		1.26	1.45	0.96
4	1.02	1.06	0.77	0.98	1.06	0.99		1.18	1.08	0.87
5	1.02	1.12	0.75	1.16	1.09	0.96		1.28	1.30	1.11
6	1.03	0.97	0.81	1.05	1.09	0.93		1.26	0.99	0.96
7		1.09			1.14				1.18	
8					1.13					
9										
10										
11										
12										
Mean	1.03	1.09	0.89	1.02	1.10	0.95		1.28	1.20	0.99
S.D.	0.03	0.08	0.13	0.07	0.04	0.05		0.07	0.18	0.08
n	6	7	6	6	8	6	-	6	7	6

Unit; AGD/3√ b.w.

b) All her pups were dead of neglect in a time between birth and PND4

I-Addendum 4-4 Physical development test; Relative AGD of female offspring rat on PND4 - individual values

continued

EE 0.05mg/kg/day	F1/Dam No.	51	52	53	54	55	56	57	58	59	60
	1	1.01	1.16	1.26	1.02	1.10	1.14	1.14	1.27	1.39	1.47
	2	1.19	1.19	1.08	1.02	1.14	1.13	1.03	1.17	1.34	1.20
	3	0.97	1.13	1.05	1.05	1.17	1.17	1.16	1.18	1.32	1.21
	4	1.06	1.11	1.25	1.09	1.17	1.15	1.00	1.27	1.38	
	5	0.92	1.14	1.16	1.04	1.14	1.05	1.12	1.01	1.08	
	6	1.20	1.20	0.98		1.09	1.11	1.17	1.01	1.16	
	7			1.25		1.09	1.27	1.20	1.03	1.17	
	8			1.15						1.36	
	9									1.25	
	10									1.10	
	11										
	12										
Mean		1.06	1.15	1.15	1.04	1.13	1.15	1.12	1.13	1.26	1.29
S.D.		0.12	0.04	0.10	0.03	0.04	0.07	0.08	0.12	0.12	0.15
n		6	6	8	5	7	7	7	7	10	3

Unit: AGD/ $3\sqrt{}$ b.w.

I-Addendum 4-5 Physical development test; Body weights of male offspring rat on PND4 - individual values

Vehicle control											
F1/Dam No.	1	2	3 ^{a)}	4	5 ^{b)}	6	7	8	9	10	
1	11.14	9.97	-	12.33	-	10.94	10.32	10.44	10.96	9.84	
2	11.74	10.59		12.66		10.96	10.15	10.20	10.36	9.90	
3	11.21	9.40		11.83		10.47	9.72	9.54	11.59	10.18	
4	11.30	8.56		12.29		10.08	9.10	10.44	10.70	10.47	
5	10.71	10.26				11.03	9.08	8.37	10.65	9.78	
6		10.02				9.99	9.09	10.09	11.21	9.28	
7		10.29				11.05		10.40	10.40	8.07	
8		9.92				10.21		11.38	11.38	10.09	
9		9.34				10.33		11.00	11.00	6.33	
10		9.75									
11		9.88									
12											
Mean	11.22	9.82		12.28		10.56	9.58	9.85	10.92	9.33	
S.D.	0.37	0.56		0.34		0.43	0.57	0.80	0.43	1.32	
n	5	11	-	4	-	9	6	6	9	9	

Unit:g

a) The animal was not pregnant

b) All her pups were dead of neglect in a time between birth and PND4

I-Addendum 4-5 Physical development test; Body weights of male offspring rat on PND4 - individual values continued

BPA 0.005mg/kg/day		11	12	13	14	15	16	17	18	19	20
F1/Dam No.											
1		11.68	12.35	13.32	13.98	12.12	18.46	15.37	8.87	10.43	8.98
2		11.57	12.64	12.85	13.69	12.11	18.30	14.38	8.90	10.23	10.46
3		11.37	12.34	12.47	14.18	12.22	17.58	14.42	9.37	10.96	10.13
4		10.86	12.29	13.41	13.64	12.37	18.22	16.03	8.86	11.10	9.77
5		11.89		13.06		10.91			8.89	10.15	9.07
6				12.15		11.42			11.15		9.52
7				12.93		12.08			9.98		
8						10.63					
9											
10											
11											
12											
Mean		11.47	12.41	12.88	13.87	11.73	18.14	15.05	8.98	10.57	9.66
S.D.		0.39	0.16	0.45	0.25	0.66	0.39	0.80	0.22	0.49	0.58
n		5	4	7	4	8	4	4	5	7	6

Unit:g

I-Addendum 4-5 Physical development test; Body weights of male offspring rat on PND4 - individual values
continued

BPA 0.05mg/kg/day		21	22	23	24	25	26	27	28	29	30
F1/Dam No.		21	22	23	24	25	26	27	28	29	30
1		12.15	11.64	9.48	9.77	9.35	10.37	10.14	10.99	8.41	10.83
2		12.34	12.1	9.38	8.13	9.36	11.72	11.12	10	9.58	8.78
3		12.59	12.27	8.98	9.42	9.6	10.94	11.74	10.31	8.86	8.89
4	13	13	12.31	10.73	9.66	9.47	12.07	11.21	10.01	9.46	10.35
5		12.05	11.68	9.16	9.93	8.85	11.18	10.2	11.06	9.3	11.63
6		12.65	12.07	9.67	9.86	9.12			9.83	9.72	10.88
7		12.23		9.84	8.98	8.83			9	10.4	11.4
8		11.78			8.75					9.23	11.16
9		12.77								10.21	10.36
10		12.5									
11											
12											
Mean		12.41	12.01	9.61	9.31	9.23	11.26	10.88	10.17	9.46	10.48
S.D.		0.37	0.29	0.57	0.64	0.30	0.66	0.69	0.71	0.62	1.02
n		10	6	7	8	7	5	5	7	9	9

Unit:g

I-Addendum 4-5 Physical development test; Body weights of male offspring rat on PND4 - individual values
continued

BPA 40mg/kg/day		31	32	33	34	35	36	37	38	39	40
F1/Dam No.											
1		9.71	13.03	12.36	8.85	8.95	10.82	9.45	10.35	11.37	10.32
2		9.25	11.47	11.41	11.14	8.87	9.76	10.13	9.74	11.55	8.82
3		9.35	11.99	12.35		9.08	8.79	8.90	10.06	10.95	9.94
4		10.30	11.58	11.70		7.49	10.47	9.47	9.75	12.42	9.01
5		9.68	11.78	12.19		9.96	9.97	10.72	8.93	10.66	10.48
6		9.79	12.45	11.27		8.63	9.64	9.33	8.88	11.74	9.51
7		9.44	12.24	11.41		9.00	9.63	9.70	10.46		10.15
8		10.13	11.84	11.69		9.49					
9						8.66					
10											
11											
12											
Mean		9.71	12.05	11.80	10.00	8.90	9.87	9.73	9.74	11.45	9.75
S.D.		0.37	0.51	0.44	1.62	0.67	0.65	0.57	0.63	0.62	0.65
n		8	8	8	2	9	7	8	7	6	7

Unit:g

I-Addendum 4-5 Physical development test; Body weights of male offspring rat on PND4 - individual values continued

BPA 400mg/kg/day		41	42	43	44	45	46	47 ^{b)}	48	49	50
F1/Dam No.											
1		9.76	9.21	9.87	8.16	11.50	9.18	-	8.68	9.29	10.05
2		9.85	9.15	9.30	7.50	10.01	9.50		7.62	9.23	10.92
3		10.08	10.26	9.19	7.55	10.63	8.86		7.92	8.03	10.03
4		10.17	9.45	9.36	8.16	10.90	9.61		7.51	8.45	10.16
5		9.68	9.20	9.60	6.89	11.12	9.53		7.80	8.95	10.49
6		9.81	10.41	9.70	7.82	10.64	8.75		7.91	10.05	
7				8.92	7.95		9.34		8.53	9.83	
8				8.99	7.62		9.22		7.46	9.70	
9									7.82	8.28	
10											
11											
12											
Mean		9.89	9.61	9.37	7.71	10.80	9.25		7.92	9.09	10.33
S.D.		0.19	0.57	0.34	0.42	0.51	0.31		0.42	0.72	0.38
n		6	6	8	8	6	8	-	9	9	5

Unit;g

b) All her pups were dead of neglect in a time between birth and PND4

I-Addendum 4-5 Physical development test; Body weights of male offspring rat on PND4 - individual values

continued

EE 0.05mg/kg/day

F1/Dam No.	51	52	53	54	55	56	57	58	59	60
1	10.10	11.10	8.28	9.30	10.70	10.39	10.82	10.49	9.32	7.29
2	9.67	11.00	9.27	9.19	10.50	10.11	9.46	11.03	8.74	8.05
3	9.80	9.94	8.22	9.71	11.29	10.45	10.76	11.13	8.49	7.53
4	10.72	10.78	7.79	9.71	10.51	10.74	9.40	10.81		7.11
5	10.81	11.00	8.33	10.94	9.98	8.82	10.28	11.77		6.70
6	9.75	10.51	7.66	10.57			10.19			7.80
7	10.00	9.67	7.39	10.57			9.84			7.41
8				9.88						8.71
9				9.94						6.59
10										7.74
11										7.52
12										7.19
Mean	10.12	10.57	8.13	9.98	10.60	10.10	10.11	11.05	8.85	7.47
S.D.	0.46	0.56	0.61	0.60	0.47	0.75	0.57	0.47	0.43	0.58
n	7	7	7	9	5	5	7	5	3	12

Unit;g

I-Addendum 4-6 Physical development test; Body weights of female offspring rat on PND4 - individual values

Vehicle control											
F1/Dam No.	1	2	3^{a)}	4	5^{b)}	6	7	8	9	10	
1	10.62	8.26	-	11.50	-	10.42	8.88	10.00	11.13	10.89	
2	10.13	8.41		11.40		10.04	9.05	10.16	10.33	9.87	
3	10.12	9.31		10.46		10.78	9.32	9.89	9.04	10.49	
4	11.17	9.05		10.67		10.11	9.45	9.03	10.78	8.56	
5	10.68			12.05		9.25	9.01	9.09	11.37		
6	10.74			9.78		9.79	9.01	7.84			
7	9.29			11.07			9.77	8.73			
8	10.22			11.83			9.02	10.54			
9				9.43				8.54			
10				10.83				8.46			
11											
12											
Mean	10.37	8.76		10.90		10.07	9.19	9.23	10.53	9.95	
S.D.	0.57	0.50		0.85		0.53	0.30	0.88	0.92	1.02	
n	8	4	-	10	-	6	8	10	5	4	

Unit;g

a) The animal was not pregnant

b) All her pups were dead of neglect in a time between birth and PND4

I-Addendum 4-6 Physical development test; Body weights of female offspring rat on PND4 - individual values

Continuade	BPA 0.005mg/kg/day											
F1/Dam No.	11	12	13	14	15	16	17	18	19	20		
1	11.42	12.71	12.56	12.47	11.66	16.92	15.10	8.73	9.84	9.63		
2	10.93	11.43	11.46	12.99	10.96		14.92	8.75	10.07	9.67		
3	10.93	11.64		13.88	11.25			8.42	10.39	8.82		
4	10.91	12.02			11.22			8.28	8.31	8.94		
5	10.70	11.83			11.68			9.65	10.35	8.76		
6	11.34	10.54			10.75			8.35		8.93		
7	10.92	11.67			11.39			9.08		9.21		
8	10.92	11.54						7.06		9.13		
9		11.04						7.85		9.69		
10										9.94		
11												
12												
Mean	11.01	11.60	12.01	13.11	11.27	16.92	15.01	8.46	9.79	9.27		
S.D.	0.24	0.61	0.78	0.71	0.34		0.13	0.74	0.86	0.42		
n	8	9	2	3	7	1	2	9	5	10		

Unit:g

I-Addendum 4-6 Physical development test; Body weights of female offspring rat on PND4 - individual values

Continuade

BPA 0.05mg/kg/day

F1/Dam No.	21	22	23	24	25	26	27	28	29	30
1	11.80	11.10	9.79	9.49	9.38	11.44	10.77	9.08	9.79	10.17
2		11.33	8.78	8.51	8.51	10.61	10.27	10.38	7.39	9.40
3		12.49	8.62	8.46	8.66	12.28	11.31	8.64	9.31	9.23
4		11.75	9.84	8.31	8.94	12.49	10.28	9.79	7.69	9.73
5			8.94		9.38	11.05	9.98	10.55	8.77	9.43
6			8.37		9.26	10.71	11.23	9.81	8.98	10.40
7			9.53		8.80	10.24	10.18	10.86		
8			8.94							
9			8.94				11.95	10.05		
10										
11										
12										
Mean	11.80	11.67	9.08	8.69	8.99	11.26	10.75	9.90	8.66	9.73
S.D.		0.61	0.52	0.54	0.35	0.86	0.69	0.74	0.93	0.47
n	1	4	9	4	7	7	8	8	6	6

Unit:g

I-Addendum 4-6 Physical development test; Body weights of female offspring rat on PND4 - individual values

Continuade		31	32	33	34	35	36	37	38	39	40	
BPA 40mg/kg/day												
F1/Dam No.		31	32	33	34	35	36	37	38	39	40	
1		8.94	11.90	10.61	9.49	8.91	8.84	9.84	9.67	11.15	10.21	
2		8.86	10.30	11.30	10.97	8.82	9.23	9.01	9.64	10.58	9.20	
3		9.37	10.51	11.47	9.77	8.79	9.59	10.23	9.11	11.46	9.20	
4		9.25	10.75	11.57	9.82	9.32	8.58	9.65	6.37	11.03	10.05	
5				11.32	9.32	8.79	8.76	6.98	9.95	10.64	9.49	
6					8.87	8.20	9.16	9.08	9.47	10.72	10.11	
7					10.23		10.58	9.75	8.92	10.63		
8							8.91	10.36		9.91		
9												
10												
11												
12												
Mean		9.11	10.87	11.25	9.78	8.81	9.21	9.36	9.02	10.77	9.71	
S.D.		0.24	0.71	0.38	0.68	0.36	0.64	1.07	1.22	0.46	0.47	
n		4	4	5	7	6	8	8	7	8	6	

Unit:g