

I-Table 9-6 Relative organ weights of male offspring at 7 months of age - group mean values

Exp.group (mg/kg/day)	Number of animals	Organ weights (mg/100g or g/100g)											Body weight g
		Brain	Pituitary	Thyroid	Liver	Kidney	Adrenal	Testis	Epididymis	Seminal vesicle	Ventral prostate		
Vehicle Control	18	Mean	298.0	2.1	3.4	3.0	546.5	7.3	510.4	190.7	302.8	90.9	777.5
		S.D.	29.3	0.2	0.5	0.3	54.5	0.6	61.2	23.8	38.5	18.3	76.2
BPA 0.005	27	Mean	322.7 *	2.2	3.6	2.9	561.0	7.8	547.1	201.4	286.3	88.6	716.7 *
		S.D.	35.0	0.3	0.6	0.3	70.6	1.0	104.9	35.5	49.3	32.0	81.0
BPA 0.05	29	Mean	315.1	2.1	3.4	2.8 *	548.9	7.6	525.8	197.4	282.4	79.3	712.6 *
		S.D.	32.6	0.3	0.7	0.2	48.1	1.4	63.6	24.9	66.5	22.5	80.7
BPA 40	22	Mean	311.7	2.2	3.2	3.0	559.7	7.8	542.4	198.7	298.1	101.0	720.0 *
		S.D.	31.3	0.2	0.7	0.3	42.9	0.9	56.0	22.2	44.1	28.2	73.1
BPA 400	17	Mean	331.4 **	2.3	3.3	2.9	553.9	7.8	559.4	208.0	318.2	97.0	662.1 **
		S.D.	25.0	0.2	0.4	0.1	69.3	1.3	48.5	19.3	55.9	23.4	38.2
EE 0.05	22	Mean	322.0	2.1	3.4	3.0	538.4	8.0	522.9	191.4	295.5	78.9	682.1 **
		S.D.	25.2	0.2	0.6	0.4	37.6	0.8	90.9	26.8	42.0	23.5	53.0

* p<0.05, **p<0.01 (Dunnett's test)

I-Table 9-7 Absolute organ weights of female offspring at 7 months of age - group mean values

Exp. group (mg/kg/day)	Number of animals	Brain mg	Pituitary mg	Thyroid mg	Uterus mg	Ovary mg	Adrenal mg	Liver g	Kidney mg	Body weight g
Vehicle Control	16	Mean	2054.7	23.0	21.4	739.1	68.0	12.1	2190.2	402.8
		S.D.	77.7	9.1	4.2	158.7	8.2	1.8	280.8	53.2
BPA 0.005	19	Mean	2037.3	26.3	20.2	756.6	65.7	12.0	2266.8	393.3
		S.D.	61.8	9.8	3.6	166.4	10.9	1.6	254.2	38.1
BPA 0.05	19	Mean	2006.1	23.9	18.9	699.3	68.4	11.9	2219.7	384.4
		S.D.	84.4	4.6	3.0	170.3	10.3	1.2	263.9	35.1
BPA 40	24	Mean	1996.0	23.5	18.3 *	703.0	67.3	12.1	2263.1	404.2
		S.D.	373.6	7.8	4.5	187.4	15.1	2.4	451.6	78.3
BPA 400	17	Mean	1999.4	21.3	17.8 **	669.3	68.4	11.6	2145.2	382.0
		S.D.	103.9	5.3	2.9	159.8	12.9	1.6	291.6	37.9
EE 0.05	22	Mean	2036.2	25.0	20.2	565.5 *	67.7	13.1	2294.8	430.4
		S.D.	62.8	7.9	3.0	201.2	7.8	1.5	153.8	48.4

* p<0.05, **p<0.01 (Dunnett's test)

I-Table 9-8 Relative organ weights of female offspring at 7 months of age - group mean values

Exp. group (mg/kg/day)	Number of animals	Brain mg/100g	Pituitary mg/100g	Thyroid mg/100g	Uterus mg/100g	Ovary mg/100g	Adrenal mg/100g	Liver g/100g	Kidney mg/100g	Body weight g
Vehicle	16	Mean 517.5	5.7	5.3	186.5	16.3	17.0	3.0	546.6	402.8
Control		S.D. 62.2	1.9	0.8	44.7	4.4	1.9	0.2	53.6	53.2
BPA 0.005	19	Mean 521.7	6.7	5.2	193.5	14.4	16.7	3.1	577.8	393.3
		S.D. 43.7	2.5	0.9	44.3	4.3	2.6	0.3	55.8	38.1
BPA 0.05	19	Mean 525.9	6.2	5.0	183.5	15.7	17.9	3.1	579.2	384.4
		S.D. 52.0	1.1	1.0	47.3	3.8	2.7	0.2	63.2	35.1
BPA 40	24	Mean 498.5	5.8	4.6 *	174.9	17.6	16.7	3.0	561.8	404.2
		S.D. 101.0	1.9	1.2	49.1	5.2	3.8	125.0	0.7	78.3
BPA 400	17	Mean 527.1	5.6	4.7	176.3	16.9	17.9	3.0	562.1	382.0
		S.D. 48.7	1.1	0.7	43.3	5.8	2.9	0.2	58.9	37.9
EE 0.05	22	Mean 478.5	5.9	4.7	132.5 **	16.9	15.9	3.1	538.4	430.4
		S.D. 52.8	2.1	0.7	48.0	4.5	2.5	0.3	60.0	48.4

* p<0.05, ** p<0.01 (Dunnett's test)

I-Table 10-1 Macroscopic examinations of dams - group distribution of findings

Exp.group (mg/kg/day)	Vehicle		BPA		BPA		BPA		BPA		EE	
	control	ta	ia	ta	0.005	0.05	40	400	400	0.05	0.05	0.05
Findings	8	1	1	10	10	10	10	9	9	1	1	10
Mammary gland												
Poorly developed	0	1	0	0	0	0	0	0	0	1	0	0
Thymus												
small	0	1	0	0	0	0	0	0	0	1	0	0
Forstomach												
elevation of limiting ridge	0	0	0	0	0	0	0	9	9	1	0	0
Cecum												
enlargement	0	0	0	0	0	0	0	8	8	1	0	0

ta, terminal autopsy.

ia-pd, dam all her pups were dead

I-Table 10-2 Macroscopic examinations of male offspring at 10 weeks of age

- group distribution of findings		Vehicle		BPA		BPA		BPA		EE	
Exp.group	(mg/kg/day)	Control	0.005	0.05	40	400	400	400	400	0.05	0.05
Findings		ta	ta	ta	ta	ta	ta	ta	ta	ta	ta
		7	6	10	9	9	9	9	9	9	9
Kidney pelvic dilatation		1	0	1	2	0	0	0	0	0	0

ta, terminal autopsy.

I-Table 10-3 Macroscopic examinations of female offspring at 10 weeks of age

		- group distribution of findings								
Exp.group (mg/kg/day)	Vehicle control	BPA 0.005		BPA 0.05		BPA 40		BPA 400		EE
		ta	ta	ta	ta	ta	ta	ta	ta	ta
Findings	6	6	7	8	9	9	9	9	9	9
Kidney pelvic dilatation	0	0	0	0	0	0	0	1	0	0
Cleft phallus	0	0	0	0	0	0	0	0	0	7

ta, terminal autopsy.

I-Table 10-4 Macroscopic examinations of male offspring at 7 months of age - group distribution of findings

Exp.group (mg/kg/day)	Vehicle control		BPA 0.005		BPA 0.05		BPA 40		BPA 400		EE 0.05	
	ta	ia	ta	ia	ta	ia	ta	ia	ta	ia	ta	ia
Findings	18	27	1	29	22	17	1	22	17	1	22	22
Liver white region	1	0	0	0	0	0	0	0	0	0	0	0
Kidney pelvic dilatation	1	1	0	1	1	1	0	1	1	0	0	0
Abdominal cavity tumor	0	0	1	0	0	0	0	0	0	0	0	0
Testis small	0	1	0	0	0	0	0	0	0	0	1	1
Testis transparent softening	0	0	0	0	0	0	0	0	0	0	1	1
Pituitary gland dark reddish region	0	0	0	0	0	1	0	0	1	0	0	0
Thorax cavity white tumor with hydrothorax	0	0	0	0	0	0	0	0	0	1	0	0

ta, terminal autopsy
ia, interim autopsy

I-Table 10-5 Macroscopic examinations of female offspring at 7 months of age - group distribution of findings

Exp.group (mg/kg/day)	Vehicle control	BPA 0.005		BPA 0.05		BPA 40		BPA 400		EE 0.05	
		ta	ia	ta	ia	ta	ia	ta	ia	ta	ia
		16	1	19	1	19	24	17	1	1	22
Findings											
Uterus watery contents in lumen	5	0	0	0	1	2	2	0	0	0	0
Uterus nodule	0	0	1	0	0	1	0	0	0	0	0
Vagina nodule	0	0	1	0	0	1	0	0	0	0	0
Subcutaneous tumor	0	0	0	1	0	0	0	0	0	0	0
Subcutaneous nodule	0	0	0	0	1	0	0	0	0	0	0
Cerebrum ventriculus expansion	0	0	1	0	0	0	0	0	0	0	0
Pituitary gland dark reddish region	0	0	0	0	1	1	0	0	0	0	0
Kidney pelvic dilatation	0	0	0	0	0	2	1	0	0	0	0
Ovicuct cyst	0	0	0	0	0	1	0	0	0	0	0
Kidney tumor	0	0	0	0	0	0	0	1	0	0	0
Lung nodule	0	0	0	0	0	0	0	1	0	0	0
Spleen enlargement	0	0	0	0	0	0	0	1	0	0	0
Urinary bladder calculus	0	0	0	0	0	0	1	0	0	0	0
Ovary hemorrhage	0	0	0	0	0	0	1	0	0	0	0
Cleft phallus	0	0	0	0	0	0	0	0	0	15	0
Vulva swelling	0	0	0	0	0	0	0	0	0	0	2

ta, terminal autopsy.
ia, interim autopsy

I-Table 11 Histopathological examinations of offspring - group distribution of findings

Findings	Male						Female						EE 0.05 (mg/kg/day)			
	Grade		VC		VC		0.005		0.05		40			400		
	ia	1 ^{a)}	ta	16	ia	1	ta	19	ta	19	ta	17		ia	1	ta
Lung																
No abnormalities detected	0/1 ^{b)}	1/1	-	-	-	-	-	-	-	-	-	-	0/1	-	-	-
Nephroblastoma (metastatic)	1/1	0/1	-	-	-	-	-	-	-	-	-	-	1/1	-	-	-
Kidney																
No abnormalities detected	0/1	1/1	-	-	-	-	-	-	-	-	-	-	0/1	-	-	-
Nephroblastoma	1/1	0/1	-	-	-	-	-	-	-	-	-	-	1/1	-	-	-
Testis																
No abnormalities detected	1/1	1/1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ovary																
No abnormalities detected			8/16	-	7/19	1/1	8/19	11/24	6/17	0/1	10/22					
	+		2/16	-	0/19	0/1	0/19	0/24	0/17	0/1	1/22					
Decreased corpora lutea	++		1/16	-	1/19	0/1	6/19	2/24	0/17	0/1	1/22					
	+++		3/16	-	9/19	0/1	3/19	9/24	9/17	0/1	9/22					
Hemorrhage	+		0/16	-	0/19	0/1	0/19	0/24	1/17	0/1	0/22					
	+		4/16	-	1/19	0/1	3/19	2/24	1/17	0/1	3/22					
Increased follicular atresia	++		4/16	-	10/19	0/1	8/19	11/24	9/17	0/1	9/22					
	+++		0/16	-	0/19	0/1	0/19	0/24	0/17	0/1	0/22					
Thecoma			0/16	-	1/19	0/1	0/19	0/24	0/17	0/1	0/22					
Oviduct																
No abnormalities detected																0/1

ta, terminal autopsy; ia, interim autopsy.

a) Number of animals autopsied.

b) Number of animals affected / Number of animals examined.

-, Not examined.

+, slight; ++, moderate; +++, severe.

There is a cyst on oviduct in the necropsy in the BPA 40 mg/kg group but the finding was not detected in the light microscope

I-Table 11 Histopathological examinations of offspring - group distribution of findings
continued

Findings	Grade	Male						Female						EE 0.05 (mg/kg/day)					
		0.005		400		VC		0.005		0.005		40			400		400		
		ia	1	ia	1	ta	16	ia	1	ta	19	ia	1		ta	17	ia	1	ta
Uterus																			
No abnormalities detected					12/16 ^{b)}			11/19	1/1	12/19	15/24	8/17	0/1	16/22					
Atrophy	+				0/16		0/19	0/1	0/19	0/24	0/17	0/1	1/22						
Cyst formation	++				0/16		1/19	0/1	0/19	0/24	0/17	0/1	0/22						
Endometrial hyperplasia, papillary	+				0/16		1/19	0/1	0/19	0/24	0/17	0/1	0/22						
Squamous metaplasia of glandular epithelium	++				0/16		0/19	0/1	0/19	2/24	1/17	0/1	2/22						
Tall columnar glandular epithelial cells	+				1/16		0/19	0/1	0/19	0/24	1/17	0/1	0/22						
Tall columnar surface epithelial cells	++				0/16		1/19	0/1	1/19	0/24	3/17	0/1	0/22						
	+				3/16		7/19	0/1	7/19	9/24	8/17	0/1	4/22						
	++				0/16		0/19	0/1	0/19	0/24	1/17	0/1	0/22						

ta, terminal autopsy; ia, interim autopsy.

a) Number of animals autopsied.

b) Number of animals affected / Number of animals examined.

-, Not examined.

+, slight; ++, moderate.

I-Table 11 Histopathological examinations of offspring - group distribution of findings
continued

Findings	Grade	Male										Female												
		0.005		400		VC		VC		0.005		0.005		40		400		400		EE 0.05				
		ia	1 ^{a)}	ia	1	ta	16	ia	1	VC	VC	ta	19	ia	1	ta	19	ta	17	ia	1	ta	22	
Vagina																								
No abnormalities detected																								
Hyperplasia of epithelium	+																							
	±																							
Mucification of epithelium	+																							
	++																							
	+++																							
Polyp	+																							
Squamous epithelial cyst	+																							
Vaginitis	+																							

ta, terminal autopsy; ia, interim autopsy.

a) Number of animals autopsied.

b) Number of animals affected / Number of animals examined.

-, Not examined.

±, very slight; +, slight; ++, moderate; +++, severe.

I-Table 11 Histopathological examinations of offspring - group distribution of findings
continued

Findings	Grade		Male						Female						EE 0.05 (mg/kg/day)		
	0.005	400	VC	VC	VC	VC	VC	VC	VC	VC	VC	VC	VC	VC			
	ia	ia	ta	ia	ta	ia	ta	ia	ta	ia	ta	ia	ta				
	1 ^{a)}	1	16	1	19	1	19	1	19	1	19	1	19	17	1	22	
Pituitary gland																	
No abnormalities detected	-	-	15/16 ^{b)}	-	16/19	1/1	18/19	23/24	17/17	0/1	21/22						
Adenoma	-	-	0/16	-	1/19	0/1	0/19	0/24	0/17	0/1	0/22						
Diffuse hyperplasia in pars distalis	+	-	1/16	-	0/19	0/1	0/19	0/24	0/17	0/1	1/22						
Focal hyperplasia in pars distalis	+	-	0/16	-	2/19	0/1	0/19	0/24	0/17	0/1	0/22						
Hemorrhage	+	-	0/16	-	0/19	0/1	1/19	1/24	0/17	0/1	0/22						
Rathke's pouch remnant	+	-	0/16	-	0/19	0/1	0/19	0/24	0/17	1/1	0/22						
Mammary gland																	
No abnormalities detected	-	-	-	-	-	0/1	0/1 ^{c)}	-	-	-	-						
Adenocarcinoma	-	-	-	-	-	1/1	0/1 ^{c)}	-	-	-	-						
Fibroadenoma	-	-	-	-	-	0/1	1/1 ^{c)}	-	-	-	-						
Thymoma (possible)	0/1	1/1	-	-	-	-	-	-	-	-	-						

ta, terminal autopsy; ia, interim autopsy.

a) Number of animals autopsied.

b) Number of animals affected / Number of animals examined.

c) Only one animal did light microscopy

-, Not examined.

+, slight.

I-Addendum 1-1 Body weights of dams - individual values

Animal -ID No. Dam	Exp.group (mg/kg/day)	Gestational period (days)					Postpartum period (days)				
		0	6	14	17	20	0	4	7	14	21
1		243.9	274.8	324.5	354.5	394.8	304.1	323.8	335.2	345.2	322.4
2		255.9	298.8	345.6	382.7	423.3	325.0	340.3	343.4	346.1	326.2
3 ^{a)}		247.3	289.1	306.2	304.6	311.8	-	-	-	-	-
4	Vehicle	258.4	305.0	352.0	379.4	423.5	323.0	332.0	344.1	354.4	325.7
5 ^{b)}	control	260.3	304.3	338.2	366.0	416.4	267.8	289.9	-	-	-
6		243.6	286.0	322.4	354.8	407.2	301.8	318.0	322.9	341.0	322.8
7		243.3	271.6	315.8	337.2	383.4	303.3	311.3	324.5	330.5	306.0
8		249.8	285.2	325.9	365.7	389.0	299.9	329.8	340.6	343.4	322.1
9		258.0	300.8	352.0	384.9	432.8	335.6	353.7	365.4	365.4	347.1
10		257.3	298.9	346.3	384.0	436.0	315.1	332.7	351.0	347.0	323.2
Mean		251.8	291.5	332.9	361.4	401.8	308.4	325.7	340.9	346.6	324.4
S.D.		6.9	12	16.1	25.3	36.5	19.6	18.2	13.9	10.1	11.2
n		10	10	10	10	10	9	9	8	8	8

Unit; gram

a) animal was sterile

b) animal was neglect nursing

I-Addendum 1-1 Body weights of dams - individual values

continued		Gestational period (days)										Postpartum period (days)								
		0	6	14	17	20	0	4	7	14	21									
Animal -ID No.	Exp.group (mg/kg/day)																			
Dam																				
11		231.3	268.0	304.2	330.3	367.3	279.5	304.3	307.0	316.3	288.9									
12		229.2	275.7	318.6	353.3	396.2	321.4	317.2	342.4	336.1	301.9									
13		250.5	302.9	344.5	372.1	395.5	342.3	328.5	359.7	353.6	323.3									
14	BPA	246.7	299.2	346.9	369.8	400.5	342.5	337.0	353.1	362.2	354.8									
15	0.005	234.2	277.4	329.3	363.3	420.5	304.9	329.9	335.2	333.8	310.2									
16		263.6	294.5	318.3	340.5	364.4	319.0	332.8	339.7	338.9	323.2									
17		245.7	288.8	333.3	349.9	383.7	325.0	337.8	342.2	354.6	332.1									
18		240.0	283.1	327.8	356.4	393.3	326.9	320.9	336.2	348.0	322.5									
19		246.8	280.0	325.0	351.9	392.8	298.3	315.9	330.5	330.2	304.9									
20		238.8	268.9	309.2	345.4	381.7	281.4	313.3	326.2	323.3	301.5									
Mean		242.7	283.9	325.7	353.3	389.6	314.1	323.8	337.2	339.7	316.3									
S.D.		10.3	12.2	13.8	12.9	16.3	22.5	11.1	14.5	14.7	18.9									
n		10	10	10	10	10	10	10	10	10	10									

Unit: gram

I-Addendum 1-1 Body weights of dams - individual values

Animal -ID No.	Exp.group (mg/kg/day)	Gestational period (days)					Postpartum period (days)							
		0	6	14	17	20	0	4	7	14	21			
Dam														
21		237.6	273.1	309.4	333.7	371.1	288.9	310.3	322.3	330.4	302.6			
22		240.5	279.9	308.7	339.8	379.5	299.6	305.1	325.0	318.7	316.2			
23		235.9	272.7	308.1	337.0	384.8	270.9	304.4	314.9	323.6	305.0			
24	BPA	248.9	284.4	324.5	344.9	386.5	320.4	308.5	315.7	337.4	318.2			
25	0.05	248.5	279.6	315.5	348.5	376.8	298.8	309.3	322.8	328.1	288.3			
26		252.2	298.0	339.7	369.7	405.8	333.8	341.1	356.1	348.7	315.6			
27		255.5	305.8	354.1	388.1	435.7	334.9	339.6	351.9	359.8	336.5			
28		265.3	301.9	354.9	383.9	430.0	327.8	340.0	343.6	346.2	322.1			
29		251.6	296.0	337.9	381.8	436.5	313.1	323.8	358.1	345.4	322.1			
30		273.0	314.8	366.9	388.9	444.1	323.0	354.0	361.3	368.8	344.4			
Mean		250.9	290.6	332.0	361.6	405.1	311.1	323.6	337.2	340.7	317.1			
S.D.		11.7	14.6	21.8	22.9	28.7	21	18.5	18.8	16.1	16.2			
n		10	10	10	10	10	10	10	10	10	10			

Unit: gram

I-Addendum 1-1 Body weights of dams - individual values

continued Animal -ID No. Dam	Exp.group (mg/kg/day)	Gestational period (days)					Postpartum period (days)				
		0	6	14	17	20	0	4	7	14	21
31		224.9	265.7	288.8	325.3	361.1	270.7	258.6	311.7	316.2	287.4
32		248.3	290.4	332.3	348.4	403.8	303.6	331.5	331.7	334.9	317.2
33		263.0	307.5	346.7	377.0	422.7	323.2	343.1	354.8	348.4	319.7
34	BPA	258.7	315.8	336.0	366.0	406.2	342.5	322.5	347.7	355.4	329.3
35	40	241.6	303.3	342.4	371.7	405.5	328.7	328.2	343.4	356.2	331.1
36		241.3	281.5	322.6	344.3	392.6	295.6	315.4	327.1	336.3	301.4
37		260.2	292.5	336.9	370.6	404.4	290.1	328.4	338.8	348.9	323.4
38		276.3	318.1	358.5	389.9	438.1	351.0	349.0	364.2	366.8	335.7
39		254.7	298.4	336.6	370.1	410.8	305.0	323.8	340.4	350.6	325.1
40		244.5	286.9	310.5	333.5	379.0	302.2	302.9	319.1	320.0	298.3
Mean		251.4	296.0	331.1	359.7	402.4	311.3	320.3	337.9	343.4	316.9
S.D.		14.4	16.1	19.7	20.7	21.4	24.8	25.3	16	16.2	15.9
n		10	10	10	10	10	10	10	10	10	10

Unit: gram

I-Addendum 1-1 Body weights of dams - individual values

continued

Animal-ID No. Dam	Exp.group (mg/kg/day)	Gestational period (days)					Postpartum period (days)				
		0	6	14	17	20	0	4	7	14	21
41		235.8	278.1	278.9	304.8	337.0	257.3	271.9	293.5	300.3	293.7
42		248.9	287.1	304.5	327.4	377.5	308.4	307.8	310.8	325.1	304.7
43		235.6	270.4	290.8	315.8	375.9	292.8	287.3	306.9	332.3	317.5
44	BPA	243.4	281.1	312.4	338.2	382.0	281.9	283.7	314.8	336.2	334.4
45	400	237.0	278.5	297.1	319.6	366.4	283.1	323.5	320.1	344.8	331.7
46		251.8	296.4	294.0	317.2	375.7	284.7	289.6	322.4	325.9	334.6
47 ^{b)}		251.4	295.7	285.8	313.2	360.2	248.9	247.5	-	-	-
48		237.8	271.7	286.1	314.5	356.6	255.0	276.0	304.3	325.2	308.6
49		244.1	287.3	304.8	323.5	373.0	269.4	308.3	322.4	341.1	325.0
50		265.1	290.9	315.5	337.9	378.8	309.4	307.4	325.9	344.0	326.2
Mean		245.1	283.7	297.0	321.2	368.3	279.1	290.3	313.5	330.5	319.6
S.D.		9.4	9.2	12.1	10.7	13.8	21.3	22.2	10.6	13.8	14.5
n		10	10	10	10	10	10	10	9	9	9

Unit: gram

b) animal was neglect nursing

I-Addendum 1-1 Body weights of dams - individual values

continued		Gestational period (days)						Postpartum period (days)					
Animal -ID No.	Exp.group (mg/kg/day)	0	6	14	17	20	0	4	7	14	21		
Dam													
51		236.8	276.1	276.8	318.3	330.2	251.2	261.0	298.8	315.9	299.5		
52		254.7	292.6	312.1	344.1	382.0	291.1	296.4	311.8	338.9	332.8		
53		230.3	264.9	284.6	311.8	343.1	283.8	274.7	277.0	305.8	292.5		
54	EE	263.6	298.5	315.1	347.2	383.1	285.9	300.2	335.9	346.0	321.2		
55	0.05	235.5	278.1	298.0	325.4	353.5	286.6	294.1	325.2	334.0	310.0		
56		232.0	262.8	283.4	314.6	344.4	274.9	273.3	294.0	305.8	287.5		
57		253.9	299.2	319.0	346.4	387.5	287.5	315.2	344.4	359.5	318.3		
58		252.2	291.9	311.9	340.7	375.1	298.3	290.9	316.7	328.7	311.1		
59		243.8	277.5	301.5	335.8	358.0	287.3	296.8	323.6	327.1	316.3		
60		261.3	295.0	306.1	316.7	356.4	268.7	288.1	300.5	318.7	307.5		
Mean		246.4	283.7	300.9	330.1	361.3	281.5	289.1	312.8	328.0	309.7		
S.D.		12.3	13.5	14.8	14.2	19.6	13.4	15.6	20.6	17.3	13.7		
n		10	10	10	10	10	10	10	10	10	10		

Unit: gram

I-Addendum 1-2 Body weights of offspring during postpartum period - individual values

Vehicle control

Animal ID-No.	Male					Female					
	Dam	0	4	7	14	21	0	4	7	14	21
1	6.42	11.14	17.53	33.91	53.69	6.14	10.62	16.80	32.91	51.15	
	6.52	11.30	17.54	32.71	53.79	6.03	10.68	16.62	32.37	52.22	
	6.68	10.71	16.95	32.97	53.19	6.05	11.17	17.23	32.58	54.59	
	6.83	11.74	18.08	34.53	56.55	6.06	10.13	15.71	30.12	49.23	
	6.90	11.21	17.25	32.99	50.92	6.33	10.22	15.65	31.26	50.84	
						6.40	10.12				
						6.05	10.74				
						5.03	9.29				
	2	6.12	9.97	17.01	37.21	53.68	5.48	9.05	15.43	33.14	52.23
		6.10	10.29	17.97	34.86	54.47	5.92	8.41	15.04	32.01	53.82
6.02		9.88	16.99	36.29	53.97	5.44	8.26	14.90	31.15	48.30	
6.26		10.26	17.84	36.68	56.35	5.54	9.31	15.90	29.92	50.09	
6.44		9.75	17.41	37.59	56.74						
6.15		9.34	15.73	34.52	52.89						
5.70		10.59									
6.13		9.40									
6.12		8.56									
5.93		10.02									
6.07	9.92										
4	6.27	11.83	17.36	35.36	56.46	6.03	11.83	18.67	35.65	56.31	
	7.34	12.29	19.34	35.72	58.32	6.63	11.07	16.72	32.90	53.19	
	7.16	12.66	19.19	37.05	58.70	6.56	11.50	17.16	35.55	54.13	
	7.30	12.33	19.58	35.95	56.70	5.91	12.05	17.99	35.73	56.17	
						6.60	11.40	16.97	33.32	52.06	
						6.16	9.78	15.39	31.98	50.91	
						5.99	10.46				
						6.25	10.67				
						6.44	9.43				
						6.70	10.83				
5	5.58					5.66					
	5.86					5.72					
	5.65					5.36					
	5.72					5.79					
	6.11					5.69					
	6.30					5.26					
						5.63					
						5.78					
	6	6.66	10.94	18.35	38.31	59.96	6.23	9.79	16.24	32.92	53.05
		7.04	9.99	16.26	34.78	55.32	6.46	9.25	15.81	32.72	52.41
6.97		10.33	17.35	34.27	55.67	6.44	10.78	17.93	36.16	55.15	
6.34		10.08	17.39	35.63	56.71	6.58	10.42	18.30	35.54	55.80	
6.84		10.21	17.52	35.55	56.58	6.90	10.11	16.81	35.72	56.36	
6.61		10.96				6.54	10.04				
6.76		10.47									
6.37		11.03									
7.01		11.05									
7		5.85	9.72	15.91	34.43	52.28	5.78	9.01	15.93	33.08	50.41
	6.49	9.10	15.59	33.47	50.88	5.30	9.01	14.95	31.69	48.49	
	6.42	10.32	16.90	33.58	49.07	5.65	8.88	13.62	30.34	45.23	
	5.75	10.15	17.19	34.72	53.73	5.87	9.77	15.33	31.89	48.41	
	6.01	9.09	15.46	31.69	50.02	5.79	9.32	15.74	33.40	49.48	
	5.84	9.08				5.71	9.05				
						5.80	9.45				
						5.31	9.02				
	8	6.39	10.44	17.34	33.16	59.95	6.21	8.46	14.23	29.80	52.06
		6.77	10.44	17.28	31.48	54.29	6.64	9.03	15.00	29.92	49.82
6.51		10.09	16.23	31.31	56.42	5.21	10.16	16.96	33.15	54.48	
6.76		9.54	15.57	31.73	55.52	5.93	10.00	16.47	32.45	53.73	
5.60		8.37	14.10	28.76	49.38	5.92	8.73	14.77	30.29	51.94	
7.12		10.20				5.88	9.89				
						6.59	9.09				
						5.92	7.84				
						5.73	10.54				
						5.73	8.54				
9	6.42	11.59	17.71	33.75	55.38	6.10	11.37	18.60	35.16	54.74	
	6.24	10.70	18.22	34.23	55.29	5.83	9.04	14.40	30.00	49.98	
	6.22	10.65	16.67	32.95	53.87	6.42	11.13	17.64	32.67	53.99	
	5.98	10.36	17.03	34.37	55.95	6.18	10.33	17.41	33.63	54.15	
	6.22	10.96	17.22	33.97	55.79	5.12	10.78	16.73	34.00	53.73	
	6.40	11.21									
	6.26	10.40									
	6.37	11.38									
	6.01	11.00									
	10	7.80	10.47	15.44	29.28	52.99	6.77	8.56	13.34	27.18	40.51
5.91		9.84	15.55	31.03	48.82	6.46	10.89	17.43	36.08	49.01	
8.00		9.78	15.16	29.23	47.10	6.76	10.49	15.69	29.06	56.47	
7.30		8.07	12.50	26.42	40.37	6.33	9.87	17.19	36.93	57.37	
7.50		10.09	14.09	26.00	45.04						
7.08		9.90	15.79	32.54	54.24						
6.96		10.18									
5.60		9.28									
6.75		6.33									
7.48											
6.72											
Mean	6.46	10.29	16.82	33.54	53.83	6.01	9.92	16.22	32.68	52.10	
S.D.	0.55	1.06	1.42	2.77	3.90	0.45	0.99	1.32	2.26	3.37	
n	67	59	41	41	41	63	55	39	39	39	

I-Addendum 1-2 Body weights of offspring during postpartum period - individual values

continued

BPA 0.005mg/kg/day

Animal ID-No.	Male					Female					
	Dam	0	4	7	14	21	0	4	7	14	21
11	6.90	11.68	17.22	28.34	41.74	6.28	11.34	18.50	32.12	52.04	
	6.55	10.86	17.18	30.89	48.48	6.50	10.92	16.70	28.48	44.75	
	6.43	11.57	18.01	29.82	48.10	6.39	11.42	17.96	30.32	48.12	
	6.86	11.89	17.68	30.79	48.77	6.21	10.93	17.33	28.96	47.99	
	7.02	11.37	17.76	31.24	49.44	6.20	10.70	16.55	29.08	48.10	
							6.50	10.93			
12	7.92	12.64	18.76	35.30	57.85	6.68	12.71	19.10	37.05	60.80	
	7.10	12.34	19.18	37.36	60.02	6.95	11.04	17.43	34.22	54.57	
	7.41	12.29	18.55	37.82	61.15	6.83	10.54	16.64	33.79	54.77	
	7.01	12.35	19.00	35.96	57.91	6.96	12.02	18.00	37.08	59.43	
						6.62	11.67	17.94	33.96	56.86	
						6.37	11.43	17.49	35.37	57.57	
13	6.77	13.41	19.61	37.84	59.97	6.45	11.64				
	6.91	12.93	18.74	38.21	58.92	6.82	11.83				
	7.51	12.15	19.01	39.05	62.48	6.61	11.54				
	6.23	13.06	19.35	37.74	58.60	6.01	12.56	18.33	35.22	55.17	
	7.67	13.32	19.27	37.09	57.55	6.61	11.46	17.01	35.43	56.96	
	6.83	12.85	19.51	37.99	60.04						
14	7.47	13.64	20.48	38.96	62.49	7.44	12.47	18.58	35.95	56.20	
	7.89	13.98	20.18	39.80	61.55	6.94	12.99	18.96	34.63	54.56	
	8.21	13.69	19.86	37.22	57.46	7.35	13.88	19.89	37.60	60.33	
	7.55	14.18	20.32	38.96	63.08						
	6.70	12.22	15.85	34.08	54.51	6.24	10.96	16.97	34.28	56.39	
	7.17	12.12	18.60	36.23	60.76	6.57	11.22	17.87	35.64	57.53	
15	7.18	10.91	17.25	35.35	56.31	6.68	11.66	17.17	35.88	56.94	
	6.76	11.42	18.07	35.89	57.85	6.45	10.75	17.29	33.05	54.34	
	7.01	12.08	19.73	38.15	61.20	6.34	11.39	17.66	33.57	54.17	
	6.86	12.11				6.54	11.25				
	6.21	12.37				6.14	11.68				
	6.31	10.63									
16	9.27	17.58	25.69	43.89	72.33	9.03	16.92	25.19	45.12	69.63	
	9.47	18.46	26.54	45.73	71.81						
	8.60	18.30	26.19	42.26	70.05						
	9.33	18.22	26.71	46.17	74.48						
	8.61	14.38	21.69	43.51	71.38	7.57	14.92	22.27	41.97	71.03	
	7.75	14.42	22.39	43.83	70.67	7.82	15.10	22.85	45.91	72.43	
17	7.81	15.37	23.30	44.15	70.33						
	7.87	16.03	23.71	44.22	70.40						
	5.97	8.87	13.56	28.10	43.80	5.46	8.42	14.71	27.01	45.60	
	5.92	8.89	13.79	28.51	45.81	5.54	8.75	14.62	28.77	46.74	
	5.67	8.86	14.18	28.82	46.74	5.24	8.28	13.73	26.79	43.09	
	5.76	9.37	15.39	29.85	45.73	5.93	9.08	14.44	27.56	44.38	
18	6.00	8.90	14.82	28.43	44.18	5.80	8.73	13.97	27.85	46.71	
						5.45	9.65				
						5.54	8.35				
						4.85	7.06				
						5.42	7.85				
						7.52	10.39	16.18	29.54	49.57	
19	7.95	10.96	17.15	31.74	55.33	6.36	9.84	15.72	28.54	50.30	
	7.23	10.23	16.41	32.46	56.00	6.21	8.31	12.85	27.32	45.37	
	7.08	11.15	17.85	34.12	57.26	6.95	10.07	15.50	28.42	47.46	
	7.47	10.15	16.01	30.29	52.05	6.41	10.35	16.50	30.85	49.31	
	8.37	10.43	16.31	30.91	52.03						
	7.57	11.10									
20	7.55	9.98									
	5.63	9.77	15.01	31.54	52.03	5.38	9.67	15.78	32.52	52.52	
	5.88	8.98	14.60	30.25	51.99	5.64	9.21	13.88	27.89	46.16	
	6.00	9.52	15.23	31.57	52.05	5.63	9.63	14.86	32.46	45.70	
	5.81	10.46	17.02	34.36	52.36	5.89	8.82	13.86	27.33	47.98	
	6.40	9.07	14.75	31.26	51.84	5.95	8.94	14.56	28.77	53.14	
Mean	7.12	12.15	18.67	35.69	57.45	6.33	10.71	17.05	32.73	53.20	
	S.D.	0.95	2.43	3.29	5.16	8.35	0.74	1.86	2.56	4.78	7.17
	n	54	54	48	48	48	56	56	39	39	39