

## Summary of results ( Octachlorostyrene)

Generation		Dam: F0					Offspring: F1	
Dose (µg/kg)		0	2.4	12	60	300	50 mg/kg	
Number of pregnant females		12	12	12	12	12	12	
F0	Clinical findings		-	-	-	-	-	-
	Found dead		0/12	0/12	0/12	0/12	0/12	0/12
	Body weights	Gestation period	-	-	-	-	-	-
		Lactation period	-	-	-	-	-	-
	Food consumption	Gestation period	-	-	-	-	-	-
		Lactation period	-	-	-	-	-	<b>L</b>
	Delivery and maternal behavior	Delivery index(%)	100	100	100	100	100	100
		Gestation length (day)	22.08 ±0.29	22.00 ±0.00	22.08 ±0.29	22.17 ±0.39	22.08 ±0.29	22.33 ±0.49
			Number of Implantation sites	16.50 ±1.45	15.67 ±1.67	16.08 ±2.11	16.42 ±.31	15.08 ±1.16
		Number of pups delivered	14.42 ±2.35	14.83 ±1.99	14.67 ±2.57	15.33 ±1.72	14.17 ±1.53	13.00 D ±3.05
Gross findings	Kidney Dilatation, pelvic cavity	0/12	0/12	0/12	0/12	0/12	1/12	

L or **L** : Significantly lower than the control (p<0.05 and p<0.01, respectively).

D : Decreasing tendency.

-: No treatment-related alterations.

Summary of results (continued-1)

Generation		Dam: F0					Offspring: F1	
Dose (µg/kg)		0	2.4	12	60	300	50 mg/kg	
Number of dams		12	12	12	12	12	12	
<b>F0</b>	<b>Final body weights (g)</b>	315.4 ±16.4	310.9 ±16.5	317.1 ±17.1	309.7 ±18.4	311.4 ±12.1	273.4 ±26.0	
	<b>Absolute organ weights</b>	<b>Brain (g)</b>	1.93 ±0.05	1.89 ±0.04	1.89 ±0.04	1.94 ±0.03	1.90 ±0.05	1.94 ±0.08
		<b>Pituitary (mg)</b>	10.6 ±0.9	10.2 ±1.0	10.6 ±0.9	10.7 ±0.9	10.5 ±0.9	9.9 ±1.7
		<b>Thyroid (mg)</b>	15.0 ±1.9	14.4 ±2.0	14.7 ±2.7	15.1 ±2.3	15.5 ±3.3	16.8 ±2.8
		<b>Thymus (g)</b>	0.23 ±0.07	0.22 ±0.06	0.26 ±0.05	0.23 ±0.04	0.26 ±0.05	0.29 ±0.13
		<b>Liver (g)</b>	16.47 ±1.36	15.75 ±1.29	16.14 ±1.39	15.82 ±1.34	16.01 ±1.01	16.62 ±2.01
		<b>Kidney (g)</b>	2.22 ±0.13	2.16 ±0.12	2.19 ±0.17	2.18 ±0.14	2.17 ±0.15	2.46 ±0.87
		<b>Adrenal (mg)</b>	65.2 ±7.2	64.1 ±5.9	63.9 ±6.4	68.0 ±7.0	68.0 ±9.1	74.9 ±6.7
		<b>Ovary (mg)</b>	88.5 ±14.8	86.9 ±11.8	86.4 ±9.2	88.0 ±9.7	88.5 ±13.3	118.4 ±15.9
		<b>Uterus (g)</b>	0.45 ±0.14	0.48 ±0.11	0.45 ±0.11	0.47 ±0.11	0.46 ±0.14	0.84 ±0.39
		<b>Relative organ weights</b>	<b>Brain (g/100 gB.W.)</b>	0.61 ±0.03	0.61 ±0.03	0.60 ±0.03	0.63 ±0.04	0.61 ±0.02
	<b>Pituitary (mg/100 gB.W.)</b>		3.4 ±0.3	3.3 ±0.4	3.4 ±0.3	3.5 ±0.4	3.4 ±0.3	3.6 ±0.5
	<b>Thyroid (mg/100 gB.W.)</b>		4.7 ±0.6	4.6 ±0.7	4.7 ±0.9	4.9 ±0.8	5.0 ±1.1	6.1 ±0.8
	<b>Thymus (g/100 gB.W.)</b>		0.07 ±0.02	0.07 ±0.02	0.08 ±0.01	0.08 ±0.02	0.08 ±0.01	0.10 ±0.04
	<b>Liver (g/100 gB.W.)</b>		5.22 ±0.33	5.07 ±0.32	5.08 ±0.29	5.11 ±0.27	5.14 ±0.25	6.09 ±0.61
	<b>Kidney (g/100 gB.W.)</b>		0.70 ±0.04	0.70 ±0.03	0.69 ±0.04	0.71 ±0.04	0.70 ±0.04	0.91 ±0.36
	<b>Adrenal (mg/100 gB.W.)</b>		20.7 ±2.2	20.7 ±2.2	20.1 ±1.4	22.0 ±2.1	21.8 ±2.8	27.7 ±4.0
	<b>Ovary (mg/100 gB.W.)</b>		28.1 ±4.7	28.0 ±4.0	27.3 ±3.5	28.6 ±3.6	28.4 ±4.3	43.6 ±6.3
	<b>Uterus (g/100 gB.W.)</b>		0.14 ±0.04	0.15 ±0.03	0.14 ±0.03	0.15 ±0.04	0.15 ±0.05	0.32 ±0.17

Results of the 50 mg/kg group are reference data of the dams that all newborns died from day 1 to 9 of lactation.

Summary of results (continued-2)

Generation			Dam: F0 Offspring: F1						
Dose (µg/kg)			0	2.4	12	60	300	50 mg/kg	
F0	*1	Liver	Hypertrophy, hepatocyte centrilobular (+)	0/12	0/12	0/12	0/12	0/12	10/12
			Hypertrophy, hepatocyte centrilobular (++)	0/12	0/12	0/12	0/12	0/12	2/12
		Kidney	Hydronephrosis	0/12	0/12	0/12	0/12	0/12	1/12
		Ovary		–	–	–	–	–	–
		Uterus		–	–	–	–	–	–
		Cervix of uterus		–	–	–	–	–	–
		Vagina		–	–	–	–	–	–
		Mammary gland	Proliferation, lobule (+)	0/12	0/12	0/12	0/12	0/12	4/12
	Proliferation, lobule (++)		12/12	12/12	12/12	12/12	12/12	8/12	
		Pituitary		–	–	–	–	–	–
		Thyroid		–	–	–	–	–	–
		Adrenal		–	–	–	–	–	–
	Brain		–	–	–	–	–	–	

– : No treatment-related alterations..

\*1: Histopathological findings

Summary of results (continued-3)

Generation		Dam: F0 Offspring: F1										
Dose (µg/kg)		0	2.4	12	60	300	50 mg/kg					
<b>F1</b>	Sex ratio (male/female)		1.19	0.97	1.27	1.13	0.90	0.77				
	Viability (%)											
			<b>LD 0</b>	100	99.44	95.45	99.46	99.41	95.51			
			<b>LD 4</b>	98.84	95.48	96.43	97.81	98.22	18.12 <b>L</b>			
			<b>LD 22</b>	100	98.96	100	100	98.96	0 <b>L</b>			
	Body weights (g)		<b>Male</b>	<b>LD 0</b>	5.9 ±0.3	6.0 ±0.4	5.9 ±0.4	6.1 ±0.4	6.0 ±0.4	6.1 ±0.6		
				<b>LD 4</b>	8.9 ±0.8	8.9 ±1.2	8.8 ±1.2	9.3 ±1.1	9.1 ±1.0	7.4 ±1.5		
				<b>LD 7</b>	13.9 ±1.9	13.8 ±2.2	13.8 ±2.4	15.2 ±2.3	13.9 ±2.2	8.4 ±		
				<b>LD 14</b>	29.1 ±3.3	29.2 ±3.2	29.2 ±3.6	31.5 ±3.3	30.0 ±3.1			
				<b>LD 21</b>	47.7 ±4.6	47.9 ±4.7	48.1 ±4.7	50.9 ±5.0	49.2 ±4.2			
				After weaning	–	–	–	–	<b>H</b>			
			<b>Female</b>	<b>LD 0</b>	5.7 ±0.4	5.6 ±0.4	5.5 ±0.3	5.7 ±0.4	5.6 ±0.4	5.7 ±0.5		
				<b>LD 4</b>	8.6 ±1.0	8.3 ±1.1	8.3 ±1.1	8.7 ±1.1	8.6 ±1.0	7.0 <b>L</b> ±1.3		
				<b>LD 7</b>	13.6 ±1.8	13.1 ±2.2	13.2 ±2.2	13.8 ±2.2	13.5 ±1.8	10.2 <b>D</b> ±		
				<b>LD 14</b>	28.9 ±2.4	27.8 ±3.4	28.2 ±3.3	29.0 ±3.0	29.6 ±2.6			
				<b>LD 21</b>	46.5 ±3.4	45.2 ±4.2	45.9 ±4.8	46.9 ±4.4	47.3 ±3.3			
				After weaning	–	–	–	–	<b>H</b>			
			Anogenital distances (mm)		<b>Male</b>	<b>LD 0</b>	3.06 ±0.32	3.08 ±0.19	3.30 ±0.32	3.23 ±0.31	3.29 ±0.16	3.24 ±0.24
						<b>LD 4</b>	4.80 ±0.31	4.78 ±0.19	4.94 ±0.35	4.97 ±0.44	4.90 ±0.33	4.50 ±1.00
	<b>Female</b>	<b>LD 0</b>			1.52 ±0.19	1.47 ±0.14	1.55 ±0.23	1.59 ±0.23	1.73 <b>H</b> ±0.11	1.64 ±0.22		
		<b>LD 4</b>			2.34 ±0.13	2.38 ±0.17	2.38 ±0.14	2.53 <b>H</b> ±0.11	2.44 ±0.21	2.34 ±0.23		

H or **H**: Significantly higher than the control (p<0.05 and p<0.01, respectively).

L or **L**: Significantly lower than the control (p<0.05 and p<0.01, respectively).

D: Decreasing tendency.

–: No treatment-related alterations.

Summary of results (continued-4)

Generation		Dam: F0    Offspring: F1						
Dose (µg/kg)		0	2.4	12	60	300		
F1	*1	Male	Pinna detachment (LD 4)	100	100	100	100	100
			Incisor eruption (LD 12)	95.92	97.87	98.11	91.67	100
			Nipple appearance (LD 12)	0	0	0	0	0
			Eyelid separation (LD 17)	79.59	91.49	83.02	85.42	89.36
			Descensus testis (LD 18)	100	100	92.45	100	97.87
		Female	Pinna detachment (LD 4)	100	100	100	100	100
			Incisor eruption (LD 12)	95.74	89.58	88.37	91.67	95.83
			Nipple appearance (LD 12)	100	100	100	100	100
	*2	Male	Eyelid separation (LD 17)	93.62	93.75	83.72	91.67	91.67
			Righting reflex (LD 5)	69.39	78.72	79.25	81.25	76.60
			Insilateral flexor reflex (LD 5)	100	100	100	100	100
		Female	Visual placing (LD 18)	97.96	100	96.23	97.92	100
			Righting reflex (LD 5)	63.83	62.50	72.09	75.00	77.08
			Insilateral flexor reflex (LD 5)	100	100	100	100	100
			Visual placing (LD 18)	100	100	97.67	97.92	100
*3	Male	Preputial separation	41.50 ±1.87	41.04 ±1.40	41.00 ±1.25	41.67 ±1.71	41.17 ±1.15	
	Female	Vaginal opening	30.83 ±1.55	31.50 ±1.38	30.85 ±0.93	31.58 ±1.86	30.58 ±1.02	

\*1 : Postnatal development (%)

\*2 : Reflex response (%)

\*3 : Sexual development (day)

Summary of results (continued-5)

Generation				Dam: F0    Offspring: F1					
Dose (µg/kg)				0	2.4	12	60	300	
F1	Water maze learnings	Number of errors	1st	5.7 ±3.7	5.3 ±3.0	6.3 ±3.8	6.3 ±1.8	5.0 ±2.3	
			2nd	1.5 ±1.5	2.0 ±2.1	1.4 ±1.2	1.1 ±1.0	1.3 ±1.2	
			3rd	0.3 ±0.3	1.0 ±1.0	0.1 ±0.1	0.1 ±0.3	0.2 ±0.3	
	Fertility	Count of estrus			3.67 ±0.49	3.67 ±0.65	3.58 ±0.51	3.75 ±0.45	3.58 ±0.51
		Estrous cycle (day)			4.00 ±0.00	3.96 ±0.14	4.00 ±0.00	4.13 ±0.61	4.00 ±0.00
		Copulation index (%)	Male		91.67	100	100	100	90.91
			Female		91.67	100	100	100	91.67
		Fertility index (%)			100	100	91.67	100	100
		Number of corpora lutea			14.55 ±1.86	16.83 ±1.53 L	15.91 ±1.97	15.92 ±1.24	15.64 ±2.73
		Number of implantations			14.00 ±2.19	15.17 ±2.55	15.55 ±2.38	15.00 ±1.41	15.27 ±2.65
		Dead embryo index (%)			3.90	7.69	6.43	5.56	10.12
		Number of live embryo			13.45 ±2.02	14.00 ±2.95	14.55 ±2.77	14.17 ±1.85	13.73 ±4.41
		Number of epidermal sperm (×10 <sup>6</sup> /cauda)			688.1 ±104.7	637.1 ±76.6	707.3 ±68.5	664.3 ±90.4	633.9 ±108.6
		Sperm motility (%)			98.54	98.30	98.65	98.25	98.86
		Abnormal sperm Index (%)			2.36	2.03	1.92	2.06	2.03
*1	Male	Kidney	Dilatation, pelvic cavity	1/25	0/24	0/25	0/24	0/24	
	Female	Kidney	Dilatation, pelvic cavity	0/23	0/24	0/23	1/24	0/24	
		Ureter	Dilatation	0/23	0/24	0/23	1/24	0/24	
*2	Male	Testis	Small	1/12	0/11	0/16	0/12	0/12	
		epididymis	Defect	1/12	0/11	0/16	0/12	0/12	
	Female	Uterus	Cyst, cervix	1/12	1/12	1/8	0/12	0/12	

L : Significantly higher than the control (p<0.05).

\*1: Gross findings (Day 22)

\*2: Gross findings (Day 70)

Summary of results (continued-6)

Generation			Dam: F0    Offspring: F1					
Dose (µg/kg)			0	2.4	12	60	300	
<b>F1</b>	Gross findings (after the mating period)	Male	–	–	–	–	–	
		Female	–	–	–	–	–	
	Final body weights (g) Day 22	Male	54.0 ±3.6	51.6 ±5.1	52.5 ±7.3	56.5 ±3.9	53.6 ±5.3	
		Female	51.7 ±2.1	48.1 L ±5.0	49.8 ±7.5	52.7 ±2.9	51.2 ±3.6	
	*1	Male	Brain (g)	1.48 ±0.06	1.46 ±0.04	1.47 ±0.06	1.51 H ±0.05	1.46 ±0.05
			Epididymis (mg)	37.3 ±4.7	37.1 ±3.5	37.9 ±6.1	41.3 H ±5.1	40.9 H ±4.7
			Testis (mg)	216.6 ±19.9	212.7 ±27.6	204.2 ±43.7	236.0 H ±20.7	211.4 ±30.0
		Female	Brain (g)	1.44 ±0.04	1.41 ±0.06	1.43 ±0.06	1.44 ±0.04	1.42 ±0.05
			Ovary(mg)	9.0 ±2.4	8.2 ±2.0	9.6 ±2.8	10.2 ±2.3	8.3 ±2.5
			Uterus(mg)	41.2 ±9.3	44.2 ±8.1	41.6 ±8.0	47.0 ±11.0	42.0 ±9.6
	*2	Male	Brain (g/100 gB.W.)	2.74 ±0.13	2.85 ±0.26	2.84 ±0.38	2.69 ±0.20	2.75 ±0.20
			Epididymis (mg/100 gB.W.)	69.2 ±8.7	72.0 ±5.6	72.5 ±8.4	73.3 ±9.0	76.6 H ±8.8
			Testis (mg/100 gB.W.)	401.3 ±27.0	411.0 ±23.5	384.8 ±46.5	418.4 ±30.5	393.1 ±26.7
		Female	Brain (g/100 gB.W.)	2.79 ±0.13	2.96 ±0.28	2.92 ±0.45	2.73 ±0.15	2.78 ±0.15
			Ovary (mg/100 gB.W.)	17.3 ±4.4	17.0 ±3.5	18.9 ±4.0	19.4 ±4.1	16.2 ±4.3
			Uterus (mg/100 gB.W.)	79.5 ±16.4	91.8 H ±11.6	83.9 ±12.7	89.3 ±20.6	82.1 ±18.0

H : Significantly higher than the control (p<0.05).

L : Significantly lower than the control (p<0.05).

\*1: Absolute organ weights (Day 22)

\*2: Relative organ weights (Day 22)

Summary of results (continued-7)

Generation			Dam: F0    Offspring: F1				
Dose (µg/kg)			0	2.4	12	60	300
F1	Final body weights (g)	Male	383.4 ±28.1	393.6 ±20.5	396.9 ±20.3	404.8 ±29.6	418.7 ±28.2 <b>H</b>
		Female	252.8 ±21.0	256.6 ±15.9	268.7 ±22.2	273.3 ±20.9 <b>H</b>	274.6 ±19.4 <b>H</b>
*1	Male	Brain (g)	2.04 ±0.07	2.02 ±0.07	2.04 ±0.04	2.03 ±0.05	2.02 ±0.06
		Pituitary (mg)	11.2 ±1.6	10.6 ±1.1	10.8 ±0.8	10.9 ±0.7	11.4 ±0.7
		Thyroid (mg)	17.9 ±2.7	16.5 ±2.2	17.1 ±2.2	17.2 ±2.2	18.4 ±2.5
		Liver (g)	17.05 ±1.90	17.29 ±1.51	17.65 ±1.95	18.55 ±1.78	19.60 ±1.60 <b>H</b>
		Kidney (g)	3.20 ±0.24	3.22 ±0.19	3.24 ±0.30	3.27 ±0.32	3.45 ±0.38
		Adrenal (mg)	54.4 ±3.9	53.7 ±5.5	54.4 ±5.5	56.0 ±5.4	56.2 ±5.2
		Seminal vesicle (g)	1.62 ±0.20	1.55 ±0.19	1.66 ±0.19	1.67 ±0.21	1.59 ±0.22
		Prostate (g)	0.77 ±0.12	0.76 ±0.07	0.79 ±0.08	0.78 ±0.10	0.82 ±0.10
		Epididymis (g)	0.76 ±0.15	0.79 ±0.04	0.82 ±0.05	0.82 ±0.09	0.84 ±0.08
		Testis (g)	2.52 ±0.48	2.64 ±0.13	2.71 ±0.15	2.81 ±0.23	2.75 ±0.13
	Levator ani muscle (g)	0.88 ±0.12	0.85 ±0.07	0.86 ±0.06	0.87 ±0.07	0.94 ±0.07	
	Female	Brain (g)	1.87 ±0.05	1.84 ±0.03	1.89 ±0.05	1.89 ±0.07	1.88 ±0.04
		Pituitary (mg)	10.0 ±2.1	9.7 ±0.4	10.2 ±0.9	10.6 ±1.1	9.8 ±0.9
		Thyroid (mg)	14.7 ±3.2	12.0 ±2.1	13.0 ±2.0	14.1 ±3.7	15.1 ±5.3
		Liver (g)	12.41 ±1.34	12.12 ±0.95	12.58 ±1.43	13.14 ±1.00	12.98 ±1.15
		Kidney (g)	1.90 ±0.16	1.82 ±0.08	1.90 ±0.10	1.90 ±0.15	1.99 ±0.10
		Adrenal (mg)	70.1 ±6.0	65.9 ±5.0	69.5 ±7.6	71.1 ±6.0	72.0 ±6.8
		Ovary (mg)	99.5 ±15.8	99.1 ±10.4	110.5 ±11.8	113.5 ±20.2	105.6 ±8.6
		Uterus (mg)	0.76 ±0.09	0.72 ±0.05	0.76 ±0.05	0.68 ±0.06 <b>L</b>	0.77 ±0.13

H or **H**: Significantly higher than the control (p<0.05 and p<0.01, respectively).

L : Significantly lower than the control (p<0.05).

\*1: Absolute organ weights (Day 70)



Summary of results (continued-8)

Generation		Dam: F0    Offspring: F1					
Dose (µg/kg)		0	2.4	12	60	300	
F1	*1 Male	Brain (g/100 gB.W.)	0.53 ±0.03	0.51 ±0.02	0.51 ±0.02	0.50 ±0.02 <sup>•</sup> <b>L</b>	0.48 ±0.03 <b>L</b>
		Pituitary (mg/100 gB.W.)	2.9 ±0.3	2.7 ±0.3	2.7 ±0.2	2.7 ±0.2	2.7 ±0.2
		Thyroid (mg/100 gB.W.)	4.7 ±0.6	4.2 ±0.4	4.3 ±0.5	4.3 ±0.5	4.4 ±0.5
		Liver (g/100 gB.W.)	4.44 ±0.33	4.39 ±0.26	4.44 ±0.34	4.58 ±0.22	4.68 ±0.22
		Kidney (g/100 gB.W.)	0.84 ±0.05	0.82 ±0.04	0.82 ±0.05	0.81 ±0.05	0.82 ±0.05
		Adrenal (mg/100 gB.W.)	14.2 ±1.2	13.6 ±1.1	13.7 ±1.3	13.8 ±1.0	13.4 ±1.0
		Seminal vesicle (g/100 gB.W.)	0.42 ±0.05	0.40 ±0.06	0.42 ±0.04	0.41 ±0.05	0.38 ±0.06
		Prostate (g/100 gB.W.)	0.20 ±0.03	0.19 ±0.02	0.20 ±0.02	0.19 ±0.01	0.20 ±0.02
		Epididymis (g/100 gB.W.)	0.20 ±0.04	0.20 ±0.01	0.21 ±0.01	0.20 ±0.01	0.20 ±0.02
		Testis (g/100 gB.W.)	0.66 ±0.12	0.67 ±0.04	0.69 ±0.05	0.70 ±0.04	0.66 ±0.03
		Levator ani muscle (g/100 gB.W.)	0.23 ±0.03	0.22 ±0.02	0.22 ±0.02	0.22 ±0.02	0.22 ±0.01
		Female	Brain (g/100 gB.W.)	0.74 ±0.05	0.72 ±0.05	0.71 ±0.05	0.69 ±0.04
	Pituitary (mg/100 gB.W.)		4.0 ±0.8	3.8 ±0.2	3.8 ±0.5	3.9 ±0.3	3.6 ±0.4
	Thyroid (mg/100 gB.W.)		5.9 ±1.5	4.7 ±1.0	4.8 ±0.6	5.2 ±1.5	5.6 ±2.1
	Liver (g/100 gB.W.)		4.91 ±0.28	4.72 ±0.24	4.68 ±0.23	4.81 ±0.21	4.72 ±0.19
	Kidney (g/100 gB.W.)		0.76 ±0.05	0.71 ±0.03 <b>L</b>	0.71 ±0.03 <b>L</b>	0.70 ±0.03 <b>L</b>	0.73 ±0.04
	Adrenal (mg/100 gB.W.)		27.8 ±2.6	25.7 ±1.9	25.8 ±1.6	26.2 ±3.1	26.2 ±1.8
	Ovary (mg/100 gB.W.)		39.3 ±4.4	38.6 ±3.4	41.2 ±4.6	41.3 ±5.0	38.6 ±3.3
	Uterus (mg/100 gB.W.)	0.30 ±0.04	0.28 ±0.03	0.28 ±0.02	0.25 ±0.03 <b>L</b>	0.28 ±0.05	

L or **L**: Significantly lower than the control (p<0.05 and p<0.01, respectively).

\*1 Relative organ weights (day 70)

Summary of results (continued-9)

Generation			Dam: F0 Offspring: F1						
Dose (µg/kg)			0	2.4	12	60	300		
F1	*1	Male	Liver		-	-	-	-	-
			Kidney	Hydronephrosis	1/12	0/12	0/12	0/12	0/12
			Testis		-	-	-	-	-
			Epididymis		-	-	-	-	-
			Prostate		-	-	-	-	-
			Coagulating gland		-	-	-	-	-
			Seminal vesicle		-	-	-	-	-
			Pituitary		-	-	-	-	-
			Thyroid		-	-	-	-	-
			Adrenal		-	-	-	-	-
			Brain		-	-	-	-	-
		Female	Liver		-	-	-	-	-
			Kidney	Hydronephrosis	0/12	0/12	0/12	1/12	0/12
			Ovary		-	-	-	-	-
			Oviduct		-	-	-	-	-
			Uterus		-	-	-	-	-
			Cervix of uterus		-	-	-	-	-
			Vagina		-	-	-	-	-
			Pituitary		-	-	-	-	-
Thyroid		-	-	-	-	-			
Adrenal		-	-	-	-	-			
Brain		-	-	-	-	-			

—: No treatment-related alterations.

\*1 Histopathological findings (Day 22)

Summary of results (continued-10)

Generation			Dam: F0 Offspring: F1						
Dose (µg/kg)			0	2.4	12	60	300		
F1	*1	Male	Liver	-	-	-	-	-	
			Kidney	-	-	-	-	-	
			Testis	Atrophy, seminiferous tubule	1/12	0/11	0/14	0/12	0/12
			Epididymis	-	-	-	-	-	
			Prostate	-	-	-	-	-	
			Coagulating gland	-	-	-	-	-	
			Seminal vesicle	-	-	-	-	-	
			Pituitary	-	-	-	-	-	
			Thyroid	-	-	-	-	-	
			Adrenal	-	-	-	-	-	
	Brain	-	-	-	-	-			
	Female	Liver	-	-	-	-	-		
		Kidney	-	-	-	-	-		
		Ovary	-	-	-	-	-		
		Oviduct	-	-	-	-	-		
		Uterus	-	-	-	-	-		
		Cervix of uterus	Cyst, squamous epithelial	1/12	0/12	0/8	0/12	0/12	
		Vagina	-	-	-	-	-		
		Pituitary	-	-	-	-	-		
		Thyroid	-	-	-	-	-		
Adrenal		-	-	-	-	-			
Brain	-	-	-	-	-				

- : No treatment-related alterations.

\*1 : Histopathological findings (Day 70)

Summary of results (continued-11)

Generation				Dam: F0    Offspring: F1				
Dose (µg/kg)				0	2.4	12	60	300
<b>F1</b>	<b>Hormone concentrations</b>  <b>(Day 70)</b>	<b>Male</b>	<b>T3 (ng/dL)</b>	n=12 144.4 ±19.3	n=12 144.0 ±22.1	n=12 136.1 ±28.9	n=12 172.9 ±28.7	n=12 145.5 ±37.6
			<b>T4 (µg/dL)</b>	n=12 2.82 ±0.30	n=12 3.16 ±0.66	n=12 2.80 ±0.72	n=12 2.95 ±0.40	n=12 2.85 ±0.51
			<b>TSH (ng/mL)</b>	n=12 5.98 ±1.68	n=12 5.66 ±0.72	n=12 6.21 ±2.93	n=12 5.12 ±0.44	n=12 5.34 ±0.51
		<b>Female</b>	<b>T3 (ng/dL)</b>	n=12 153.4 ±16.7	n=12 140.7 ±29.6	n=12 137.2 ±27.2	n=12 152.1 ±20.5	n=12 145.7 ±18.8
			<b>T4 (µg/dL)</b>	n=12 2.84 ±0.76	n=12 3.00 ±0.53	n=12 2.94 ±0.49	n=12 3.15 ±0.70	n=12 3.04 ±0.57
			<b>TSH (ng/mL)</b>	n=12 6.41 ±1.58	n=12 5.75 ±0.80	n=12 5.08 ±1.04	n=12 5.24 ±0.66	n=12 5.66 ±2.16
	<b>mRNA expression (%)</b>  <b>(Day 70)</b>	<b>Prostate</b>	<b>AR</b>	n=6 0.1936 ±0.0163	n=6 0.2329 ±0.0292	n=6 0.1995 ±0.0155	n=6 0.1697 ±0.0436	n=6 0.2202 ±0.0160
		<b>Uterus</b>	<b>ER<math>\alpha</math></b>	n=6 0.2137 ±0.0148	n=6 0.2130 ±0.0225	n=6 0.2084 ±0.0158	n=6 0.2224 ±0.0150	n=6 0.2139 ±0.0211
			<b>ER<math>\beta</math></b>	n=6 0.0019 ±0.0005	n=6 0.0016 ±0.0007	n=6 0.0018 ±0.0006	n=6 0.0061 H ±0.0028	n=6 0.0077 H ±0.0012

H : Significantly higher than the control (p<0.05).