Summary of results (Tributyltin chloride)

Generation				Dam: F0 Offspring: F1					
Dose(ppm)				0	0.15	0.45	1.5	4.5	30.0
Number of pregnant females				15	15	15	15	15	15
Found dead				0	0	0	0	0	0
F0	Gestation Period	Clinical findings		–	–	–	–	–	–
		Body weights (g)	Day 0	239.7 ±10.2	239.6 ±12.0	239.8 ±12.3	239.5 ±11.7	239.3 ±14.2	239.5 ±12.5
			Day 7	277.4 ±13.1	278.9 ±14.3	274.3 ±14.5	272.5 ±14.3	275.3 ±17.4	272.3 ±15.8
			Day 14	313.9 ±14.5	315.9 ±16.9	310.4 ±18.0	307.7 ±16.8	310.5 ±19.6	307.9 ±19.0
			Day 20	388.5 ±16.4	392.9 ±18.8	386.7 ±18.7	383.3 ±19.2	384.3 ±26.0	372.9 ±19.5
			Autopsy day	387.0 ±15.6	391.0 ±23.3	381.3 ±19.9	384.0 ±43.3	382.7 ±38.2	376.0 ±26.0
		Body weight gains(g)	Day 0-7	37.7 ±6.3	39.3 ±4.4	34.5 ±6.9	33.0 ±6.5	36.3 ±5.4	32.8 ±9.4
			Day 7-20	111.1 ±12.8	114.1 ±9.7	112.3 ±8.8	110.8 ±12.0	109.8 ±15.7	100.6 ±14.3
		Food consumption (g)	Day 0-7	20.95 ±2.66	21.49 ±2.19	21.03 ±3.17	20.13 ±1.82	20.95 ±2.18	20.71 ±2.79
			Day 7-14	22.87 ±2.11	23.47 ±1.63	23.61 ±2.04	22.85 ±1.41	23.49 ±2.62	22.29 ±3.53
			Day 14-20	24.27 ±2.09	24.61 ±1.74	24.79 ±1.17	23.57 ±1.58	23.62 ±2.36	24.53 ±2.16
		Food efficiency	Day 0-7	1.81 ±0.27	1.84 ±0.19	1.68 ±0.43	1.64 ±0.27	1.74 ±0.28	1.63 ±0.52
			Day 7-14	1.60 ±0.26	1.57 ±0.20	1.53 ±0.18	1.54 ±0.19	1.51 ±0.22	1.61 ±0.20
			Day 14-20	3.09 ±0.36	3.14 ±0.32	3.08 ±0.33	3.21 ±0.29	3.13 ±0.47	2.66 ±0.66
		TBT intake (μg/kg)	Day 0-20	0.00 ±0.00	10.77 ±0.59	32.75 ±2.16	105.47 ±3.47	322.22 ±22.35	2153.89 ±158.11

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).
– : No treatment-related alterations.
D or I : Decreasing or increasing tendency.

Summary of results (continued-1)

Generation			Dam: F0 Offspring: F1					
Dose(ppm)			0	0.15	0.45	1.5	4.5	30.0
Number of pregnant females			3	3	3	3	3	3
F0	Absolute organ weights	Brain (g)	1.940 ±0.069	1.920 ±0.040	1.967 ±0.012	1.967 ±0.090	1.953 ±0.040	1.933 ±0.071
		Pituitary gland (mg)	11.40 ±0.50	10.40 ±0.78	12.20 ±1.93	11.93 ±1.43	10.60 ±1.47	9.50 ±0.20
		Thyroid (mg)	20.50 ±1.35	18.30 ±1.83	20.73 ±3.09	20.87 ±2.50	17.77 ±2.67	17.77 ±1.42
		Thymus (mg)	355.3 ±150.6	319.3 ±90.5	258.7 ±114.0	298.3 ±91.1	280.0 ±52.0	216.0 ±12.2
		Liver (g)	16.020 ±1.326	16.023 ±0.255	15.773 ±0.750	15.850 ±2.298	16.343 ±2.823	16.860 ±2.212
		Spleen (g)	0.803 ±0.050	0.753 ±0.131	0.763 ±0.087	0.757 ±0.232	0.687 ±0.051	0.727 ±0.110
		Kidney (g)	1.930 ±0.111	1.883 ±0.081	1.903 ±0.178	1.900 ±0.252	1.927 ±0.257	1.820 ±0.190
		Adrenal (mg)	62.0 ±9.5	65.0 ±10.8	56.3 ±4.0	59.0 ±12.1	67.3 ±6.7	57.3 ±9.2
		Ovary (mg)	146.0 ±17.3	130.7 ±9.0	145.7 ±17.5	139.0 ±15.1	136.3 ±18.5	136.0 ±28.2
		Uterus (g)	4.567 ±0.327	4.350 ±0.130	4.580 ±0.267	4.493 ±0.525	4.427 ±0.468	4.347 ±0.397
	Relative organ weights	Brain (%)	0.500 ±0.000	0.493 ±0.021	0.517 ±0.025	0.517 ±0.032	0.513 ±0.042	0.513 ±0.025
		Pituitary gland (10^{-3}%)	2.947 ±0.065	2.660 ±0.072	3.197 ±0.484	3.107 ±0.105	2.767 ±0.237	2.533 ±0.138
		Thyroid (10^{-3}%)	5.293 ±0.150	4.680 ±0.429	5.430 ±0.718	5.517 ±1.152	4.717 ±1.198	4.573 ±0.351
		Thymus (10^{-3}%)	91.883 ±38.077	81.263 ±21.136	66.947 ±26.392	77.670 ±23.534	72.760 ±7.322	57.703 ±6.260
		Liver (%)	4.140 ±0.339	4.103 ±0.178	4.143 ±0.327	4.123 ±0.341	4.250 ±0.368	4.470 ±0.301
		Spleen (%)	0.203 ±0.006	0.190 ±0.020	0.200 ±0.010	0.197 ±0.040	0.180 ±0.010	0.190 ±0.017
		Kidney (%)	0.500 ±0.035	0.480 ±0.035	0.497 ±0.045	0.493 ±0.021	0.507 ±0.065	0.483 ±0.035
		Adrenal (10^{-3}%)	16.093 ±3.059	16.560 ±1.943	14.780 ±0.940	15.447 ±3.465	17.627 ±1.111	15.240 ±2.053
		Ovary (10^{-3}%)	37.677 ±3.463	33.403 ±0.376	38.113 ±2.698	36.240 ±1.930	35.547 ±1.810	36.023 ±5.799
		Uterus (%)	1.183 ±0.120	1.117 ±0.055	1.203 ±0.059	1.173 ±0.087	1.157 ±0.012	1.157 ±0.081
	Observation at terminal sacrifice (GD 20)	Number of corpora lutea	16.0 ±1.7	16.3 ±2.1	17.7 ±1.5	16.7 ±1.5	17.0 ±1.0	16.3 ±2.3
		Number of implants	15.7 ±1.5	16.3 ±2.1	17.0 ±1.0	16.3 ±1.5	16.3 ±0.6	16.0 ±1.7
		Implantation index (%)	98.04 ±3.40	100.00 ±0.00	96.39 ±3.13	98.04 ±3.40	96.19 ±3.31	98.25 ±3.04
		Fetal mortality (%)	6.13 ±6.25	3.81 ±3.31	9.95 ±9.43	10.37 ±10.02	6.25 ±6.25	10.00 ±5.77
	Gross findings		–	–	–	–	–	–

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L or **L** : Significantly lower than the control ($p < 0.05$ and $p < 0.01$, respectively).
– : No treatment-related alterations.
D or I : Decreasing or increasing tendency.

Summary of results (continued-2)

Generation			Dam: F0 Offspring: F1					
Dose(ppm)			0	0.15	0.45	1.5	4.5	30.0
Number of litters			3	3	3	3	3	3
F1	Fetal Findings	Number of live male fetuses	5.0 ±1.0	9.3 ±2.1	9.0 ±2.6	8.3 ±2.1	8.0 ±1.0	8.0 ±1.7
		Number of live female fetuses	9.7 ±0.6	6.3 ±0.6	6.3 ±3.5	6.3 ±3.5	7.3 ±2.3	6.3 ±1.5
		Body weights of male fetuses(g)	3.95 ±0.09	4.09 ±0.32	3.78 ±0.11	3.77 ±0.10	3.98 ±0.19	3.86 ±0.03
		Body weights of female fetuses (g)	3.81 ±0.15	3.76 ±0.44	3.43 ±0.06	3.47 ±0.08	3.71 ±0.14	3.53 ±0.12
	Urovaginal septa length	Male (mm)	-0.54 ±0.01	-0.59 ±0.05	-0.55 ±0.02	-0.65 ±0.02	-0.57 ±0.06	-0.52 ±0.04
		Female (mm)	0.78 ±0.06	0.70 ±0.10	0.82 ±0.13	0.65 ±0.19	0.81 ±0.05	0.85 ±0.09
		Male (mm/body weight)	-0.14 ±0.01	-0.15 ±0.01	-0.14 ±0.01	-0.17 ±0.01	-0.15 ±0.02	-0.14 ±0.02
		Female (mm/body weight)	0.21 ±0.03	0.19 ±0.03	0.25 ±0.05	0.19 ±0.04	0.23 ±0.01	0.23 ±0.03

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Summary of results (continued-3)

Generation				Dam: F0 Offspring: F1					
Dose(ppm)				0	0.15	0.45	1.5	4.5	30.0
Number of pregnant females				12	12	12	12	12	12
Dead				0	0	0	0	0	0
F0	Lactation period	Clinical findings		–	–	–	–	–	–
		Body weights (g)	Day 0	274.1 ±24.2	268.5 ±18.5	265.9 ±17.8	260.4 ±14.3	256.8 ±17.2	246.8 **L** ±19.6
			Day 7	305.2 ±14.0	302.9 ±14.8	301.4 ±19.7	300.3 ±18.6	296.2 ±20.2	294.3 ±12.1
			Day 14	315.9 ±18.3	312.3 ±17.5	312.4 ±21.2	314.4 ±15.8	304.6 ±20.4	300.5 ±11.9
			Day 21	309.6 ±16.0	296.1 ±15.5	299.9 ±20.1	301.3 ±21.6	290.2 ±18.4	289.5 ±21.3
			Autopsy day	304.5 ±14.4	296.6 ±18.6	293.8 ±15.2	296.0 ±17.6	293.8 ±13.4	292.3 ±18.5
		Body weight gains (g)	Day 0-21	35.5 ±21.0	27.6 ±12.6	34.0 ±11.0	40.8 ±15.0	33.3 ±14.8	42.8 ±13.8
		Food consumption (g)	Day 0-7	33.5 ±4.4	32.8 ±5.0	35.4 ±3.5	35.0 ±2.1	35.5 ±2.6	33.3 ±5.2
			Day 7-14	55.6 ±7.5	53.3 ±5.9	54.6 ±4.4	53.7 ±4.9	54.7 ±6.7	52.6 ±8.2
			Day 14-21	62.7 ±11.0	69.9 ±7.3	70.0 ±6.7	66.3 ±9.8	73.5H ±7.5	70.4 ±12.0
		Food efficiency	Day 0-7	0.92 ±0.49	1.05 ±0.37	1.00 ±0.43	1.14 ±0.32	1.13 ±0.50	1.47 ±0.44
			Day 7-14	0.19 ±0.21	0.17 ±0.30	0.20 ±0.27	0.26 ±0.22	0.14 ±0.32	0.13 ±0.22
		TBT intake (μg/kg)	Day 0-21	0.00 ±0.00	25.79 ±2.80	79.04 ±7.05	254.56 ±21.54	833.58 ±97.75	5335.11 ±874.62

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Summary of results (continued-4)

Generation			Dam: F0 Offspring: F1					
Dose(ppm)			0	0.15	0.45	1.5	4.5	30.0
Number of pregnant females			12	12	12	12	12	12
F0	Absolute organ weights	Brain (g)	1.902 ±0.036	1.920 ±0.051	1.906 ±0.059	1.908 ±0.037	1.900 ±0.075	1.911 ±0.053
		Pituitary gland (mg)	10.70 ±1.01	11.32 ±1.42	11.05 ±1.25	10.42 ±1.42	10.73 ±2.10	9.68 ±0.96
		Thyroid (mg)	16.37 ±1.98	16.98 ±2.63	17.98 ±2.61	16.44 ±2.74	14.90 ±2.73	14.82 ±2.13
		Thymus (mg)	212.6 ±59.7	195.3 ±59.8	161.2 L ±32.5	169.8 ±42.5	162.2 L ±37.7	123.0 **L** ±30.3
		Liver (g)	13.078 ±1.021	13.340 ±0.723	13.054 ±1.416	13.312 ±2.745	12.783 ±1.507	12.886 ±1.057
		Spleen (g)	0.688 ±0.057	0.668 ±0.084	0.653 ±0.087	0.635 ±0.066	0.679 ±0.079	0.577 **L** ±0.076
		Kidney (g)	2.236 ±0.101	2.226 ±0.184	2.211 ±0.155	2.194 ±0.133	2.301 ±0.484	2.218 ±0.115
		Adrenal (mg)	67.3 ±8.7	63.8 ±8.1	63.8 ±6.2	62.7 ±6.5	70.1 ±11.6	68.8 ±8.3
		Ovary (mg)	83.5 ±15.8	81.0 ±11.3	85.6 ±16.4	81.5 ±18.3	82.7 ±17.6	63.8 L ±14.3
		Uterus (g)	0.369 ±0.129	0.362 ±0.078	0.382 ±0.180	0.342 ±0.139	0.298 ±0.059	0.215 **L** ±0.042
	Relative organ weights	Brain (%)	0.626 ±0.030	0.648 ±0.038	0.651 ±0.027	0.646 ±0.033	0.648 ±0.045	0.655 ±0.044
		Pituitary gland (10^{-3}%)	3.525 ±0.419	3.823 ±0.458	3.763 ±0.378	3.515 ±0.406	3.637 ±0.604	3.328 ±0.401
		Thyroid (10^{-3}%)	5.387 ±0.707	5.723 ±0.779	6.129 ±0.911	5.564 ±0.923	5.083 ±0.968	5.063 ±0.579
		Thymus (10^{-3}%)	69.560 ±18.077	65.417 ±18.288	54.958 ±11.405	57.163 ±13.026	55.111 ±11.963	41.881 **L** ±8.636
		Liver (%)	4.305 ±0.394	4.508 ±0.253	4.440 ±0.375	4.497 ±0.880	4.344 ±0.402	4.420 ±0.371
		Spleen (%)	0.227 ±0.022	0.225 ±0.021	0.223 ±0.031	0.216 ±0.022	0.232 ±0.027	0.194 **L** ±0.020
		Kidney (%)	0.735 ±0.046	0.751 ±0.038	0.752 ±0.033	0.743 ±0.038	0.782 ±0.148	0.760 ±0.049
		Adrenal (10^{-3}%)	22.098 ±2.747	21.464 ±2.068	21.770 ±2.262	21.151 ±1.474	23.874 ±3.873	23.597 ±2.784
		Ovary (10^{-3}%)	27.360 ±4.602	27.390 ±3.978	29.133 ±5.477	27.327 ±4.766	28.074 ±5.445	21.885 L ±4.954
		Uterus (%)	0.121 ±0.039	0.123 ±0.027	0.130 ±0.060	0.116 ±0.043	0.101 ±0.019	0.073 **L** ±0.014
	Gross findings	Kidney: Dilatation, renal pelvis	1	0	0	0	1	0

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– : No treatment-related alterations.
D or I : Decreasing or increasing tendency.

Summary of results (continued-5)

Generation				Dam: F0 Offspring: F1					
Dose(ppm)				0	0.15	0.45	1.5	4.5	30.0
Number of litters				12	12	12	12	12	12
F0	Delivery and maternal behavior	Fertility index (%)		100.0	100.0	100.0	100.0	100.0	100.0
		Delivery index(%)		100.0	100.0	100.0	100.0	100.0	100.0
		Gestation length (day)		22.1 ±0.3	22.2 ±0.4	22.1 ±0.3	22.0 ±0.0	22.1 ±0.3	22.1 ±0.3
		Number of implantation sites		16.0 ±3.0	16.3 ±1.5	15.6 ±1.6	16.4 ±1.2	16.1 ±1.8	16.8 ±1.6
		Number of pups delivered		14.6 ±2.5	15.0 ±2.0	14.3 ±2.1	15.4 ±1.7	15.3 ±1.7	15.3 ±2.7
	Number of pups	LD 0	Male	88	86	83	80	102	91
			Female	87	94	88	105	82	92
F1	Sex ratio (Male/male + female)			0.515	0.472	0.492	0.431	0.553	0.502
	Clinical findings	Male	Dead/missing	4	6	0	4	6	10
			Loss, tail	0	0	0	0	0	1
		Female	Dead/missing	6	4	3	2	3	8
	Viability (%)	LD 0	Male	100.00	98.96	100.00	100.00	98.96	100.00
			Female	100.00	100.00	100.00	100.00	98.81	99.31
			Total	100.00	99.48	100.00	100.00	98.76	99.51
		LD 4	Male	97.78	97.42	100.00	100.00	94.17	87.11
			Female	95.63	96.84	96.64	98.13	95.74	93.31
			Total	97.25	96.77	98.28	98.84	96.61	91.33
		LD 21	Male	95.83	95.83	100.00	91.67	97.92	100.00
			Female	93.06	98.33	100.00	100.00	100.00	100.00
			Total	94.79	96.88	100.00	95.83	98.96	100.00
	Anogenital distances (mm)	LD 0	Male	2.88 ±0.17	2.93 ±0.23	2.81 ±0.19	2.70 ±0.15	2.76 ±0.27	2.85 ±0.15
			Female	1.18 ±0.14	1.22 ±0.09	1.21 ±0.06	1.19 ±0.40	1.19 ±0.10	1.52 ±0.94
		LD 4	Male	4.11 ±0.29	4.25 ±0.36	4.13 ±0.30	3.95 ±0.36	4.05 ±0.31	3.82 ±0.92
			Female	1.99 ±0.12	2.09 ±0.18	2.02 ±0.19	1.93 ±0.12	1.97 ±0.16	2.00 ±0.16
	Body weights (g)	Male	Day 0	5.87 ±0.55	5.98 ±0.50	6.08 ±0.43	5.83 ±0.28	5.78 ±0.46	5.57 ±0.61
			Day 4	8.50 ±1.40	8.88 ±1.09	9.06 ±1.27	8.30 ±0.87	8.43 ±0.95	8.62 ±1.20
			Day 21	45.30 ±3.37	47.16 ±2.95	46.63 ±4.35	43.89 ±4.33	43.07 ±3.33	40.94 ±4.34
			Autopsy day	50.94 ±4.59	50.69 ±5.03	50.41 ±4.75	48.07 ±4.87	47.66 ±4.22	46.98 ±4.51
		Female	Day 0	5.46 ±0.48	5.55 ±0.46	5.68 ±0.43	5.33 ±0.27	5.48 ±0.47	5.22 ±0.48
			Day 4	7.94 ±1.37	8.28 ±1.07	8.83 ±0.99	7.79 ±0.65	7.96 ±0.84	8.15 ±1.13
			Day 21	41.93 ±3.47	45.42 ±2.88	44.99 ±3.19	41.73 ±4.05	40.92 ±3.74	39.45 ±3.52
			Autopsy day	45.82 ±6.85	49.26 ±4.47	48.55 ±4.65	46.00 ±4.90	45.30 ±4.71	44.28 ±4.58

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).
– : No treatment-related alterations.
D or I : Decreasing or increasing tendency.

Summary of results (continued-6)

Generation				Dam: F0 Offspring: F1					
Dose(ppm)				0	0.15	0.45	1.5	4.5	30.0
Number of litters				12	12	12	12	12	12
F1	Postnatal develop-ment (%)	Male	Pinna detachment (LD 4)	98.61	98.33	100.00	99.17	100.00	100.00
			Incisor eruption (LD 14)	100.00	97.92	100.00	100.00	100.00	100.00
			Eye opening (LD 18)	100.00	100.00	100.00	100.00	100.00	100.00
			Descending of testis (LD 22)	100.00	100.00	100.00	100.00	100.00	100.00
		Female	Pinna detachment (LD 4)	97.23	100.00	99.08	98.24	100.00	97.92
			Incisor eruption (LD 14)	100.00	100.00	100.00	100.00	100.00	100.00
			Eye opening (LD 18)	97.92	100.00	100.00	100.00	100.00	100.00
	Reflex re-sponses (%)	Male	Surface righting (LD 4)	100.00	100.00	100.00	100.00	100.00	83.3
			Negative geotaxis (LD 10)	100.00	100.00	100.00	100.00	100.00	100.00
			Mid-air righting (LD 17)	100.00	100.00	100.00	100.00	83.3	90.9
		Female	Surface righting (LD 4)	100.00	100.00	100.00	100.00	100.0	100.00
			Negative geotaxis (LD 10)	100.00	91.7	100.00	100.00	100.0	90.9
			Mid-air righting (LD 17)	100.00	91.7	100.00	100.00	91.7	100.00
	Gross Findings	Male		–	–	–	–	–	–
		Female		–	–	–	–	–	–
	Histo-Patho-logical findings	Male		–	#	#	#	#	–
		Female	Pituitary gland: Remnant, Rathke's pouch	0	#	#	#	#	1

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L or **L** : Significantly lower than the control ($p < 0.05$ and $p < 0.01$, respectively).
– : No treatment-related alterations.
D or I : Decreasing or increasing tendency.
#: Not examined.

Summary of results (continued-7)

Generation				Dam: F0 Offspring: F1					
Dose(ppm)				0	0.15	0.45	1.5	4.5	30.0
Number of litters				6	6	6	6	6	6
F1	Male	Absolute organ weights	Brain (g)	1.448 ±0.056	1.439 ±0.045	1.462 ±0.047	1.368 ±0.235	1.418 ±0.037	1.400 ±0.045
			Pituitary gland (mg)	1.84 ±0.37	1.90 ±0.40	1.85 ±0.41	1.90 ±0.65	1.90 ±0.44	1.76 ±0.45
			Thyroid (mg)	5.28 ±0.82	5.76 ±1.19	5.45 ±1.03	5.63 ±0.82	5.09 ±0.87	5.42 ±0.86
			Thymus (mg)	184.0 ±24.8	188.3 ±31.3	178.8 ±29.0	180.8 ±32.8	172.6 ±25.5	147.9 ±23.1
			Liver (g)	2.002 ±0.154	2.053 ±0.268	2.012 ±0.257	2.070 ±0.191	1.916 ±0.257	2.045 ±0.253
			Spleen (g)	0.163 ±0.020	0.151 ±0.029	0.149 ±0.030	0.135 L ±0.029	0.134 L ±0.020	0.129 **L** ±0.030
			Kidney (g)	0.611 ±0.051	0.622 ±0.074	0.612 ±0.058	0.558 ±0.066	0.562 ±0.058	0.576 ±0.071
			Adrenal (mg)	15.2 ±2.6	15.9 ±2.3	16.6 ±2.7	14.4 ±2.0	15.5 ±2.2	14.6 ±2.3
			Testis (g)	0.207 ±0.034	0.211 ±0.030	0.228 ±0.035	0.196 ±0.019	0.201 ±0.023	0.207 ±0.029
			Epididymis (mg)	39.0 ±5.1	39.1 ±4.6	41.3 ±6.0	36.7 ±4.3	38.8 ±4.9	37.7 ±4.6
			Seminal vesicle (mg)	14.3 ±3.0	14.0 ±3.1	15.0 ±2.6	14.0 ±3.2	15.3 ±3.2	14.7 ±3.8
			Prostate (mg)	16.9 ±4.4	17.4 ±4.0	19.5 ±4.4	17.5 ±3.3	17.3 ±4.4	17.0 ±3.6
		Relative organ weights	Brain (%)	2.859 ±0.197	2.861 ±0.248	2.921 ±0.246	2.975 ±0.266	3.020 ±0.197	3.001 ±0.247
			Pituitary gland (10^{-3}%)	3.629 ±0.696	3.793 ±0.984	3.657 ±0.708	3.967 ±1.431	4.033 ±1.102	3.748 ±0.960
			Thyroid (10^{-3}%)	10.481 ±2.031	11.420 ±2.345	10.989 ±2.781	11.830 ±2.188	10.709 ±1.720	11.559 ±1.614
			Thymus (10^{-3}%)	360.683 ±31.935	371.171 ±45.873	353.670 ±38.429	374.246 ±37.171	361.409 ±36.935	313.754 **L** ±30.621
			Liver (%)	3.945 ±0.283	4.045 ±0.263	3.992 ±0.332	4.319 **H** ±0.295	4.015 ±0.340	4.351 **H** ±0.340
			Spleen (%)	0.323 ±0.042	0.297 ±0.043	0.294 ±0.044	0.279 L ±0.039	0.282 L ±0.043	0.273 **L** ±0.041
			Kidney (%) (%)	1.202 ±0.061	1.226 ±0.047	1.216 ±0.061	1.163 ±0.084	1.181 ±0.084	1.224 ±0.065
			Adrenal (10^{-3}%)	29.753 ±3.996	31.327 ±3.419	32.908 ±4.556	30.082 ±4.097	32.572 ±4.030	31.069 ±4.030
			Testis (%)	0.404 ±0.041	0.417 ±0.035	0.451 H ±0.047	0.408 ±0.033	0.422 ±0.034	0.439 ±0.029
			Epididymis (10^{-3}%)	76.531 ±7.156	77.634 ±9.222	81.857 ±8.544	76.831 ±10.018	82.047 ±12.198	80.298 ±8.006
			Seminal Vesicle (10^{-3}%)	28.170 ±6.233	27.830 ±7.038	29.666 ±4.317	29.315 ±6.982	32.380 ±8.211	31.262 ±7.137
			Prostate (10^{-3}%)	33.059 ±7.531	34.325 ±7.395	38.825 ±8.662	36.461 ±6.116	36.274 ±8.373	36.030 ±6.380

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D or I : Decreasing or increasing tendency.

Summary of results (continued-8)

Generation				Dam: F0 Offspring: F1					
Dose(ppm)				0	0.15	0.45	1.5	4.5	30.0
Number of litters				6	6	6	6	6	6
F1	Female	Absolute organ weights	Brain (g)	1.359 ±0.089	1.389 ±0.055	1.403 ±0.046	1.351 ±0.042	1.393 ±0.063	1.345 ±0.066
			Pituitary gland (mg)	1.97 ±0.42	2.12 ±0.62	2.11 ±0.36	1.86 ±0.38	1.90 ±0.36	1.80 ±0.31
			Thyroid (mg)	5.53 ±0.93	5.82 ±1.05	5.41 ±0.84	5.75 ±0.81	5.33 ±1.18	5.69 ±1.38
			Thymus (mg)	179.2 ±35.9	181.2 ±31.0	185.4 ±36.4	178.6 ±35.2	180.9 ±35.4	152.3 L ±43.8
			Liver (g)	1.815 ±0.250	1.996 ±0.247	2.034 ±0.211	1.974 ±0.169	1.847 ±0.226	1.844 ±0.205
			Spleen (g)	0.146 ±0.030	0.147 ±0.024	0.143 ±0.024	0.143 ±0.038	0.133 ±0.032	0.126 ±0.028
			Kidney (g)	0.577 ±0.083	0.607 ±0.062	0.603 ±0.063	0.557 ±0.062	0.550 ±0.069	0.539 ±0.071
			Adrenal (mg)	14.8 ±2.5	14.8 ±2.1	16.3 ±2.1	14.8 ±2.2	14.8 ±2.3	14.3 ±2.2
			Ovary (mg)	10.6 ±2.5	10.5 ±2.6	11.7 ±2.4	10.9 ±2.1	10.8 ±2.1	10.8 ±2.5
			Uterus (mg)	37.0 ±9.7	39.2 ±11.2	41.9 ±8.9	34.8 ±8.7	35.3 ±7.7	32.9 ±7.8
		Relative organ weights	Brain (%)	3.023 ±0.422	2.836 ±0.198	2.909 ±0.220	2.965 ±0.307	3.098 ±0.255	3.060 ±0.265
			Pituitary gland (10^{-3}%)	4.353 ±0.906	4.312 ±1.263	4.351 ±0.682	4.073 ±0.904	4.233 ±0.860	4.083 ±0.660
			Thyroid (10^{-3}%)	12.440 ±3.478	11.844 ±1.991	11.201 ±1.802	12.537 ±1.658	11.770 ±2.377	12.822 ±2.928
			Thymus (10^{-3}%)	388.445 ±52.325	366.744 ±45.363	380.712 ±53.579	386.677 ±52.304	396.923 ±49.711	342.670 **L** ±90.202
			Liver (%)	3.984 ±0.335	4.043 ±0.224	4.196 ±0.277	4.308 H ±0.294	4.082 ±0.327	4.175 ±0.356
			Spleen (%)	0.317 ±0.041	0.299 ±0.039	0.296 ±0.040	0.307 ±0.060	0.290 ±0.047	0.284 ±0.046
			Kidney (%)	1.261 ±0.047	1.231 ±0.060	1.242 ±0.054	1.210 ±0.061	1.212 ±0.055	1.218 ±0.087
			Adrenal (10^{-3}%)	32.479 _}4.105	30.141 ±3.726	33.636 ±3.709	32.079 ±3.449	32.657 ±3.173	32.398 ±3.720
			Ovary (10^{-3}%)	23.153 ±1.187	21.287 ±4.756	24.150 ±4.492	23.816 ±4.155	23.867 ±4.127	24.128 ±4.434
			Uterus (10^{-3}%)	81.760 ±21.179	79.737 ±21.863	86.188 ±16.623	75.212 ±15.266	78.100 ±15.803	74.592 ±17.219

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D or I : Decreasing or increasing tendency.

Summary of results (continued-9)

Generation				Dam: F0 Offspring: F1					
Dose(ppm)				0	0.15	0.45	1.5	4.5	30.0
Number of litters				6	6	6	6	6	6
F1	Reflex responses (5 weeks old) (%)	Male	Pupillary reflex	100.0	100.0	100.0	100.0	100.0	100.0
			Touch reflex	100.0	100.0	100.0	100.0	100.0	100.0
			Auditory startle reflex	100.0	100.0	100.0	100.0	100.0	100.0
			Pain reflex	100.0	100.0	100.0	100.0	100.0	100.0
		Female	Pupillary reflex	100.0	100.0	100.0	100.0	100.0	100.0
			Touch reflex	100.0	100.0	100.0	100.0	100.0	100.0
			Auditory startle reflex	100.0	100.0	100.0	100.0	100.0	100.0
			Pain reflex	100.0	100.0	100.0	100.0	100.0	100.0
	Learning ability	Avoidance and escape index (%)	Male	96.7 ±36.1	100.0 ±0.0	95.0 ±7.7	94.2 ±5.8	95.8 ±8.0	100.0 ±0.0
			Female	98.3 ±2.6	97.5 ±4.2	100.0 ±0.0	99.2 ±2.0	91.7 ±14.4	96.7 ±5.2
	Sexual develop-ment (day)	Male	Preputial separation	50.5 ±1.0	48.8 ±1.2	50.5 ±2.3	50.7 ±2.4	50.5 ±1.5	49.7 ±2.2
		Female	Vaginal opening	34.0 ±2.1	33.5 ±2.9	33.0 ±1.1	33.2 ±3.3	36.2 ±2.4	34.7 ±2.5
	Body weights (g)	Male	Day 28	78.5 ±7.1	84.6 ±6.6	81.3 ±6.4	77.5 ±9.6	77.4 ±7.0	76.0 ±8.3
			Day 35	122.6 ±10.4	133.4 H ±8.8	126.5 ±9.8	123.6 ±13.8	120.7 ±7.6	120.7 ±12.0
			Day 42	172.0 ±15.4	183.1 ±10.6	176.5 ±13.8	170.3 ±17.4	169.9 ±10.9	169.1 ±14.9
			Day 49	225.7 ±19.1	233.8 ±14.7	226.8 ±17.7	220.8 ±22.9	225.3 ±18.4	221.8 ±19.0
			Day 56	283.3 ±21.0	288.9 ±21.9	285.6 ±20.8	279.2 ±24.3	277.5 ±17.5	274.7 ±19.5
			Day 63	321.2 ±18.4	318.4 ±22.3	307.0 ±34.8	309.0 ±25.6	312.9 ±18.3	305.7 ±22.2
			Day 70	349.5 ±21.1	355.7 ±20.5	352.9 ±23.7	346.0 ±23.4	340.2 ±19.6	342.3 ±20.3
		Female	Day 28	71.2 ±5.1	76.9 ±6.9	75.6 ±3.9	71.5 ±7.0	69.0 ±5.9	69.7 ±6.9
			Day 35	109.2 ±8.1	116.3 ±9.6	115.8 ±5.5	109.7 ±9.6	104.8 ±7.1	105.7 ±8.8
			Day 42	142.1 ±9.5	148.0 ±11.7	145.2 ±8.1	138.9 ±9.6	137.4 ±8.5	135.8 ±10.0
			Day 49	169.8 ±10.6	173.6 ±10.9	172.7 ±9.0	162.8 ±10.2	164.3 ±11.3	161.3 ±13.5
			Day 56	195.6 ±9.5	196.7 ±13.0	196.3 ±10.8	186.8 ±10.3	189.3 ±11.6	185.2 ±14.6
			Day 63	215.8 ±11.1	216.2 ±14.4	215.7 ±11.6	204.5 ±11.2	207.3 ±10.9	202.7 L ±16.1
			Day 70	233.9 ±10.6	231.1 ±15.4	232.3 ±15.0	222.5 ±12.5	225.3 ±11.7	217.9 **L** ±15.7

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Summary of results (continued-10)

Generation				Dam: F0 Offspring: F1					
Dose(ppm)				0	0.15	0.45	1.5	4.5	30.0
Number of litters				6	6	6	6	6	6
F1	Sperm examination	Number of epidermal sperm($x10^6$/g cauda)		568.66 ±85.04	580.88 ±56.62	584.90 ±91.80	554.03 ±84.11	573.95 ±95.07	558.64 ±74.52
		Motility(%)		53.1 ±14.7	49.2 ±14.1	51.1 ±11.2	57.1 ±14.4	49.3 ±16.5	45.8 ±14.9
		Abnormal sperm index (%)		3.12 ±1.59	3.31 ±1.42	2.81 ±1.26	3.27 ±2.30	3.48 ±1.71	2.90 ±1.62
	Estrus cycle	Normal estrus cycle index(%)		91.12 ±14.39	83.33 ±27.90	100.00 ±0.00	100.00 ±0.00	94.45 ±13.59	94.45 ±13.59
		Estrus cycle length (day)		4.4 ±0.4	4.4 ±0.4	4.1 ±0.1	4.2 ±0.1	4.3 ±0.3	4.2 ±0.2
	Hormone concentrations	Male	Testosterone (ng/mL)	0.96 ±0.33	1.05 ±0.42	0.94 ±0.33	0.89 ±0.54	0.73 ±0.63	1.10 ±0.17
			FSH(ng/mL)	13.51 ±2.94	13.17 ±0.78	13.54 ±1.51	13.66 ±1.97	13.82 ±3.17	13.33 ±1.58
			LH(ng/mL)	1.59 ±0.21	1.53 ±0.59	1.47 ±0.44	1.60 ±0.22	1.42 ±0.46	1.58 ±0.41
			TSH(ng/mL)	17.20 ±2.20	19.97 ±2.28	20.30 ±2.37	18.30 ±1.73	20.08 ±2.44	18.87 ±3.69
			T3(ng/mL)	0.50 ±0.27	0.25 ±0.27	0.30 ±0.33	0.32 ±0.35	0.45 ±0.23	0.28 ±0.31
			T4(ng/mL)	103.5 ±15.7	93.7 ±10.9	99.3 ±10.1	96.3 ±12.1	84.8 ±7.7	86.7 ±10.6
		Female	Estradiol (pg/mL)	50.12 ±13.07	66.42 ±9.42	70.82 ±21.25	54.52 ±27.80	58.33 ±18.76	48.87 ±14.49
			FSH(ng/mL)	4.10 ±0.48	5.09 ±0.87	4.73 ±0.92	4.30 ±0.63	4.26 ±0.61	3.95 ±0.35
			LH(ng/mL)	1.45 ±0.27	1.32 ±0.32	1.45 ±0.37	1.48 ±0.35	1.52 ±0.30	1.10 ±0.21
			TSH(ng/mL)	22.92 ±2.92	21.47 ±3.08	21.35 ±3.25	20.58 ±2.19	23.17 ±2.13	21.62 ±2.56
			T3(ng/mL)	0.47 ±0.38	0.65 ±0.08	0.63 ±0.14	0.68 ±0.08	0.67 ±0.12	0.43 ±0.34
			T4(ng/mL)	119.8 ±19.0	125.7 ±16.1	126.8 ±12.0	114.5 ±6.40	118.5 ±19.3	115.8 ±16.2
	mRNA expression (%)	Prostate	AR	100.0 ±20.6	119.0 ±47.4	112.1 ±35.8	122.3 ±27.0	120.1 ±50.4	94.6 ±7.7
		Uterus	ERα	100.0 ±12.3	73.5 ±5.8	71.4 ±4.0	94.5 ±15.8	87.7 ±20.9	58.8 ±10.2
			ERβ	98.8 ±65.7	113.1 ±76.7	52.4 ±17.9	133.3 ±46.2	167.9 ±180.6	186.9 ±190.5

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Summary of results (continued-11)

Generation				Dam: F0 Offspring: F1					
Dose(ppm)				0	0.15	0.45	1.5	4.5	30.0
Number of litters				6	6	6	6	6	6
F1	Hematology								
	Male	WBC (10^2/μL)		119.2 ±25.4	111.3 ±13.9	115.2 ±13.6	112.7 ±20.9	109.2 ±12.9	108.5 ±26.2
		Differential count of WBC (%)	Neutrophil (stab)	1.7 ±0.8	2.8 ±1.8	2.7 ±1.6	3.0 ±1.5	2.8 ±0.8	3.2 ±1.0
			Neutrophil (seg)	4.0 ±1.5	6.2 ±2.4	6.3 ±2.7	6.8 ±3.0	8.5 H ±2.3	7.2 ±1.5
			Eosinophil	0.7 ±0.5	0.7 ±0.5	0.5 ±0.5	0.5 ±0.8	0.8 ±0.4	0.3 ±0.5
			Basophil	0.0 ±0.0	0.0 ±0.0	0.0 ±0.0	0.0 ±0.0	0.0 ±0.0	0.2 ±0.4
			Monocyte	1.0 ±0.6	1.3 ±0.8	1.7 ±0.8	1.2 ±0.4	1.7 ±0.5	1.5 ±0.5
			Lymphocyte	92.7 ±1.5	89.0 ±3.4	88.8 ±4.2	88.5 ±4.2	86.2 ±2.8	87.7 ±2.3
	Female	WBC (10^2/μL)		127.2 ±23.7	110.2 ±18.6	87.3 ±35.5	104.0 ±23.0	107.8 ±20.0	106.0 ±12.38
		Differential count of WBC (%)	Neutrophil (stab)	3.3 ±1.6	2.7 ±2.0	4.3 ±2.4	4.5 ±2.1	4.0 ±1.5	2.5 ±1.9
			Neutrophil (seg)	9.3 ±5.0	8.5 ±5.5	10.0 ±4.1	10.3 ±6.0	9.7 ±3.0	7.3 ±3.4
			Eosinophil	1.2 ±0.8	1.0 ±1.1	0.7 ±0.8	0.5 ±0.5	0.7 ±0.5	0.7 ±0.5
			Basophil	0.0 ±0.0	0.0 ±0.0	0.0 ±0.0	0.0 ±0.0	0.0 ±0.0	0.0 ±0.0
			Monocyte	1.3 ±1.0	1.0 ±0.0	0.8 ±0.4	1.3 ±0.5	1.0 ±0.9	0.7 ±0.8
			Lymphocyte	84.8 ±6.9	86.8 ±7.2	84.2 ±5.6	83.3 ±8.0	84.7 ±4.3	88.8 ±4.9

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Summary of results (continued-12)

Generation				Dam: F0 Offspring: F1					
Dose(ppm)				0	0.15	0.45	1.5	4.5	30.0
Number of litters				6	6	6	6	6	6
F1	Gross findings	Male	Kidney: Dilatation, renal pelvis	0	1	0	1	0	0
			Urinary bladder: Thickening, mucosa	0	0	0	0	0	1
			Intra-abdominal Organs: Adhesion	0	0	0	0	0	1
		Female	Liver: Yellowish white region	0	1	0	0	0	0
			Kidney: Dilatation, renal pelvis	0	0	1	0	0	0
			Urinary bladder: Calculus	1	0	0	0	0	1
			Urinary bladder: Thickening, mucosa	1	0	0	0	0	0
	Histo-patho-logical find-Ings	Male	Liver: Microgranuloma	0	#	#	#	#	1
			Liver: Necrosis, massive	0	#	#	#	#	1
			Liver: Granulation, capsule	0	#	#	#	#	1
			Pituitary gland: Cyst, pars distalis	4	#	#	#	#	5
			Pituitary gland: Remnant, Rathke's pouch	0	#	#	#	#	2
		Female	Pituitary gland: Cyst, pars distalis	1	#	#	#	#	2
			Pituitary gland: Cyst pars nervosa	0	#	#	#	#	2

#: Not examined.

Summary of results (continued-13)

Generation				Dam: F0 Offspring: F1					
Dose(ppm)				0	0.15	0.45	1.5	4.5	30.0
Number of litters				6	6	6	6	6	6
F1	Male	Absolute organ weights	Brain (g)	1.955 ±0.070	1.979 ±0.070	1.955 ±0.073	1.961 ±0.079	1.941 ±0.047	1.957 ±0.052
			Pituitary gland (mg)	10.74 ±1.41	10.41 ±1.52	9.70 ±1.18	9.73 ±0.92	9.68 **L** ±1.80	10.05 ±1.03
			Thyroid (mg)	21.17 ±2.80	20.08 ±3.20	20.06 ±3.57	19.70 ±2.65	18.43 ±3.20	19.20 ±2.20
			Thymus (mg)	668.6 ±125.2	638.0 ±122.4	620.1 ±97.8	613.5 ±94.8	669.4 ±141.3	623.8 ±147.2
			Liver (g)	14.318 ±1.983	14.957 ±1.495	14.505 ±1.875	13.800 ±1.467	13.679 ±1.752	14.506 ±1.565
			Spleen (g)	0.801 ±0.090	0.822 ±0.107	0.800 ±0.118	0.787 ±0.073	0.841 ±0.244	0.764 ±0.095
			Kidney (g)	2.954 ±0.231	3.150 ±1.267	2.871 ±0.214	2.833 ±0.277	2.732 L ±0.212	2.890 ±0.198
			Adrenal (mg)	52.2 ±7.1	52.4 ±7.4	51.0 ±5.8	51.2 ±4.9	51.6 ±4.9	49.7 ±3.9
			Testis (g)	2.583 ±0.138	2.613 ±0.115	2.573 ±0.100	2.578 ±0.161	2.568 ±0.147	2.520 ±0.144
			Epididymis (mg)	0.740 ±0.063	0.745 ±0.047	0.743 ±0.063	0.751 ±0.061	0.738 ±0.047	0.733 ±0.049
			Seminal vesicle (mg)	1.424 ±0.165	1.461 ±0.195	1.475 ±0.174	1.518 ±0.223	1.400 ±0.215	1.530 ±0.187
			Prostate (mg)	456.1 ±86.6	449.5 ±55.6	456.5 ±99.8	463.0 ±89.2	465.4 ±94.3	444.8 ±75.2
		Relative organ weights	Brain (%)	0.561 ±0.038	0.558 ±0.035	0.555 ±0.030	0.568 ±0.030	0.573 ±0.031	0.573 ±0.033
			Pituitary gland (10^{-3}%)	3.081 ±0.416	2.919 ±0.309	2.760 L ±0.381	2.823 ±0.311	2.843 ±0.470	2.940 ±0.302
			Thyroid (10^{-3}%)	6.060 ±0.748	5.643 ±0.818	5.679 ±0.916	5.704 ±0.753	5.420 ±0.875	5.619 ±0.666
			Thymus (10^{-3}%)	191.666 ±36.105	179.469 ±33.614	175.745 ±25.765	177.766 ±28.410	196.946 ±41.002	182.172 ±40.929
			Liver (%)	4.084 ±0.391	4.202 ±0.323	4.104 ±0.395	3.987 ±0.295	4.016 ±0.414	4.230 ±0.301
			Spleen (%)	0.230 ±0.025	0.231 ±0.029	0.226 ±0.030	0.228 ±0.023	0.245 ±0.058	0.223 ±0.026
			Kidney (%)	0.846 ±0.053	0.892 ±0.399	0.814 ±0.036	0.818 ±0.043	0.804 ±0.043	0.845 ±0.053
			Adrenal (10^{-3}%)	14.982 ±2.141	14.706 ±1.738	14.478 ±1.560	14.827 ±1.525	15.197 ±1.517	14.536 ±1.170
			Testis (%)	0.741 ±0.054	0.737 ±0.051	0.733 ±0.051	0.745 ±0.037	0.756 ±0.041	0.739 ±0.051
			Epididymis (10^{-3}%)	0.213 ±0.018	0.210 ±0.013	0.212 ±0.018	0.217 ±0.011	0.217 ±0.014	0.215 ±0.011
			Seminal vesicle (10^{-3}%)	0.407 ±0.044	0.411 ±0.054	0.418 ±0.042	0.439 ±0.059	0.411 ±0.067	0.447 ±0.048
			Prostate (10^{-3}%)	130.769 ±25.312	126.756 ±17.143	129.078 ±26.040	133.585 ±22.312	137.155 ±28.634	130.015 ±20.644

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– : No treatment-related alterations.
D or I : Decreasing or increasing tendency.

Summary of results (continued-14)

Generation				Dam: F0 Offspring: F1					
Dose(ppm)				0	0.15	0.45	1.5	4.5	30.0
Number of litters				6	6	6	6	6	6
F1	Female	Absolute organ weights	Brain (g)	1.825 ±0.046	1.865 ±0.054	1.857 ±0.066	1.841 ±0.058	1.815 ±0.049	1.825 ±0.066
			Pituitary gland (mg)	9.86 ±1.44	9.55 ±1.19	8.93 ±1.52	9.07 ±1.06	8.99 ±0.82	9.04 ±1.38
			Thyroid (mg)	16.88 ±2.02	17.23 ±2.10	15.73 ±4.57	18.15 ±2.13	16.66 ±2.64	16.12 ±1.85
			Thymus (mg)	610.6 ±115.7	544.5 ±71.5	555.4 ±108.4	516.3 ±94.1	571.8 ±77.8	533.4 ±105.4
			Liver (g)	9.767 ±0.748	9.721 ±1.108	9.960 ±1.484	9.554 ±0.765	9.408 ±0.801	9.416 ±1.130
			Spleen (g)	0.698 ±0.078	0.690 ±0.095	0.693 ±0.098	0.670 ±0.084	0.679 ±0.063	0.643 ±0.066
			Kidney (g)	1.753 ±0.134	1.790 ±0.145	2.135 ±1.848	1.740 ±0.129	1.670 ±0.110	1.741 ±0.168
			Adrenal (mg)	65.6 ±5.7	68.0 ±8.9	66.9 ±7.8	62.7 ±8.4	65.0 ±6.5	59.9 ±6.4
			Ovary (mg)	96.0 ±10.4	100.0 ±12.0	93.4 ±9.7	96.0 ±12.6	96.4 ±12.4	88.7 ±12.5
			Uterus (g)	0.583 ±0.166	0.587 ±0.181	0.585 ±0.227	0.550 ±0.159	0.544 ±0.175	0.522 ±0.191
		Relative organ weights	Brain (%)	0.780 ±0.033	0.798 ±0.061	0.785 ±0.041	0.815 ±0.037	0.807 ±0.043	0.835 **H** ±0.055
			Pituitary gland (10^{-3}%)	4.211 ±0.612	4.080 ±0.528	3.752 ±0.519	4.012 ±0.461	4.000 ±0.372	4.108 ±0.515
			Thyroid (10^{-3}%)	7.216 ±0.953	7.359 ±0.938	6.656 ±1.987	8.036 ±0.942	7.422 ±1.253	7.358 ±0.851
			Thymus (10^{-3}%)	260.538 ±48.445	232.118 ±27.428	233.775 ±40.560	228.425 ±41.094	253.618 ±29.145	242.079 ±40.537
			Liver (%)	4.165 ±0.232	4.138 ±0.319	4.195 ±0.558	4.223 ±0.256	4.176 ±0.232	4.278 ±0.323
			Spleen (%)	0.299 ±0.035	0.294 ±0.038	0.292 ±0.034	0.297 ±0.034	0.302 ±0.029	0.293 ±0.026
			Kidney (%)	0.749 ±0.063	0.764 ±0.050	0.894Ä ±0.741	0.770 ±0.046	0.746 ±0.041	0.793Ä ±0.051
			Adrenal (10^{-3}%)	28.040 ±2.628	29.013 ±3.489	28.243 ±3.264	27.704 ±3.283	28.860 ±2.480	27.345 ±3.010
			Ovary (10^{-3}%)	41.027 ±4.510	42.742 ±5.342	39.440 ±4.128	42.483 ±5.577	42.855 ±5.452	40.410 ±4.900
			Uterus (%)	0.250 ±0.070	0.250 ±0.075	0.245 ±0.089	0.245 ±0.077	0.242 ±0.080	0.238 ±0.086

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