

メチルブロミドのラット及びマウスを用いた
吸入によるがん原性試験結果報告書

付録表 D

付録表 D - 1	肉眼所見・総括表 (ラット・急性試験・死亡・瀕死動物)
付録表 D - 2	肉眼所見・総括表 (ラット・急性試験・定期解剖動物)
付録表 D - 3	病理組織学的所見・総括表 (ラット・急性試験・死亡・瀕死動物)
付録表 D - 4	病理組織学的所見・総括表 (ラット・急性試験・定期解剖動物)
付録表 D - 5	肉眼所見・総括表 (ラット・2週間試験・死亡・瀕死動物)
付録表 D - 6	肉眼所見・総括表 (ラット・2週間試験・定期解剖動物)
付録表 D - 7	病理組織学的所見・総括表 (ラット・2週間試験・死亡・瀕死動物)
付録表 D - 8	病理組織学的所見・総括表 (ラット・2週間試験・定期解剖動物)
付録表 D - 9	肉眼所見・総括表 (ラット・13週間試験・死亡・瀕死動物・雄)
付録表 D - 10	肉眼所見・総括表 (ラット・13週間試験・死亡・瀕死動物・雌)
付録表 D - 11	肉眼所見・総括表 (ラット・13週間試験・定期解剖動物・雄)
付録表 D - 12	肉眼所見・総括表 (ラット・13週間試験・定期解剖動物・雌)
付録表 D - 13	臓器重量(実重量)・総括表 (ラット・13週間試験・雄)
付録表 D - 14	臓器重量(実重量)・総括表 (ラット・13週間試験・雌)
付録表 D - 15	臓器重量(体重比)・総括表 (ラット・13週間試験・雄)
付録表 D - 16	臓器重量(体重比)・総括表 (ラット・13週間試験・雌)
付録表 D - 17	肉眼所見・総括表 (ラット・がん原性試験・死亡・瀕死動物・雄)
付録表 D - 18	肉眼所見・総括表 (ラット・がん原性試験・死亡・瀕死動物・雌)

付録表 D - 1 9	肉眼所見・総括表 (ラット・がん原性試験・定期解剖動物・雄)
付録表 D - 2 0	肉眼所見・総括表 (ラット・がん原性試験・定期解剖動物・雌)
付録表 D - 2 1	臓器重量(実重量)・総括表 (ラット・がん原性試験・雄)
付録表 D - 2 2	臓器重量(実重量)・総括表 (ラット・がん原性試験・雌)
付録表 D - 2 3	臓器重量(体重比)・総括表 (ラット・がん原性試験・雄)
付録表 D - 2 4	臓器重量(体重比)・総括表 (ラット・がん原性試験・雌)
付録表 D - 2 5	肉眼所見・総括表 (マウス・急性試験・死亡・瀕死動物・雄雌)
付録表 D - 2 6	肉眼所見・総括表 (マウス・急性試験・定期解剖動物・雄雌)
付録表 D - 2 7	病理組織学的所見・総括表 (マウス・急性試験・死亡・瀕死動物)
付録表 D - 2 8	病理組織学的所見・総括表 (マウス・急性試験・定期解剖動物)
付録表 D - 2 9	肉眼所見・総括表 (マウス・2週間試験・死亡・瀕死動物)
付録表 D - 3 0	肉眼所見・総括表 (マウス・2週間試験・定期解剖動物)
付録表 D - 3 1	病理組織学的所見・総括表 (マウス・2週間試験・死亡・瀕死動物)
付録表 D - 3 2	病理組織学的所見・総括表 (マウス・2週間試験・定期解剖動物)
付録表 D - 3 3	肉眼所見・総括表 (マウス・13週間試験・死亡・瀕死動物・雄)
付録表 D - 3 4	肉眼所見・総括表 (マウス・13週間試験・死亡・瀕死動物・雌)
付録表 D - 3 5	肉眼所見・総括表 (マウス・13週間試験・定期解剖動物・雄)
付録表 D - 3 6	肉眼所見・総括表 (マウス・13週間試験・定期解剖動物・雌)

付録表 D - 3 7	臓器重量 (実重量) ・総括表 (マウス・13週間試験・雄)
付録表 D - 3 8	臓器重量 (実重量) ・総括表 (マウス・13週間試験・雌)
付録表 D - 3 9	臓器重量 (体重比) ・総括表 (マウス・13週間試験・雄)
付録表 D - 4 0	臓器重量 (体重比) ・総括表 (マウス・13週間試験・雌)
付録表 D - 4 1	肉眼所見・総括表 (マウス・がん原性試験・死亡・瀕死動物・雄)
付録表 D - 4 2	肉眼所見・総括表 (マウス・がん原性試験・死亡・瀕死動物・雌)
付録表 D - 4 3	肉眼所見・総括表 (マウス・がん原性試験・定期解剖動物・雄)
付録表 D - 4 4	肉眼所見・総括表 (マウス・がん原性試験・定期解剖動物・雌)
付録表 D - 4 5	臓器重量 (実重量) ・総括表 (マウス・がん原性試験・雄)
付録表 D - 4 6	臓器重量 (実重量) ・総括表 (マウス・がん原性試験・雌)
付録表 D - 4 7	臓器重量 (体重比) ・総括表 (マウス・がん原性試験・雄)
付録表 D - 4 8	臓器重量 (体重比) ・総括表 (マウス・がん原性試験・雌)

付録表D - 1

肉眼所見・総括表

(ラット・急性試験・死亡・瀕死動物)

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0037

SEX : MALE

DOSE LEVEL (PPM)		150		225		338		506		760	
NO. OF EXAMINED ANIMALS		0	0	0	0	0	0	0	0	10	0
ORGAN	FINDINGS	D	M	D	M	D	M	D	M	D	M
THYMUS	RED PATCH/ZONE	0	0	0	0	0	0	0	0	4	0
LUNG	HYPEREMIA	0	0	0	0	0	0	0	0	1	0
	CONGESTION	0	0	0	0	0	0	0	0	9	0
ATRIUM	DILATED LUMEN	0	0	0	0	0	0	0	0	1	0
GLANDULAR STOMACH	EROSION	0	0	0	0	0	0	0	0	0	0
	RED PATCH/ZONE	0	0	0	0	0	0	0	0	1	0
SEMINAL VESICLE	ATROPHIC	0	0	0	0	0	0	0	0	10	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0037

SEX : MALE

DOSE LEVEL (PPM)		1140	
NO. OF EXAMINED ANIMALS		10	0
ORGAN	FINDINGS	D	M
THYMUS	RED PATCH/ZONE	2	0
LUNG	HYPEREMIA	0	0
	CONGESTION	10	0
ATRIUM	DILATED LUMEN	0	0
GLANDULAR STOMACH	EROSION	1	0
	RED PATCH/ZONE	0	0
SEMINAL VESICLE	ATROPHIC	10	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0037

SEX : FEMALE

DOSE LEVEL (PPM)		150		225		338		506		760	
NO. OF EXAMINED ANIMALS		0	0	0	0	0	0	0	0	10	0
ORGAN	FINDINGS	D	M	D	M	D	M	D	M	D	M
THYMUS	RED PATCH/ZONE	0	0	0	0	0	0	0	0	2	0
LUNG	CONGESTION	0	0	0	0	0	0	0	0	10	0
LIVER	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0
GLANDULAR STOMACH	EROSION	0	0	0	0	0	0	0	0	1	0
	RED PATCH/ZONE	0	0	0	0	0	0	0	0	1	0
ADRENAL	REDDISH	0	0	0	0	0	0	0	0	1	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0037

SEX : FEMALE

DOSE LEVEL (PPM)		1140	
NO. OF EXAMINED ANIMALS		10	0
ORGAN	FINDINGS	D	M
THYMUS	RED PATCH/ZONE	1	0
LUNG	CONGESTION	10	0
LIVER	HEMORRHAGE	1	0
GLANDULAR STOMACH	EROSION	2	0
	RED PATCH/ZONE	0	0
ADRENAL	REDDISH	2	0

D: DEAD M: MORIBUND

付録表 D - 2

肉眼所見・総括表

(ラット・急性試験・定期解剖動物)

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0037

SEX : MALE

DOSE LEVEL (PPM)	150	225	338	506	760
NO. OF EXAMINED ANIMALS	10	10	10	10	0
ORGAN----- FINDINGS-----					
THYMUS	0	1	2	0	0
HEMORRHAGE					

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0037

SEX : MALE

DOSE LEVEL (PPM)	NO. OF EXAMINED ANIMALS
	1140
ORGAN	FINDINGS
THYMUS	HEMORRHAGE
	0

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0037

SEX : FEMALE

DOSE LEVEL (PPM)		150	225	338	506	760
NO. OF EXAMINED ANIMALS		10	10	10	10	0
ORGAN	FINDINGS					
THYMUS	HEMORRHAGE	1	0	0	0	0
LUNG	CONGESTION	0	0	1	0	0
UTERUS	DILATED	1	0	0	0	0
	DILATED LUMEN	2	1	0	2	0

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0037

SEX : FEMALE

DOSE LEVEL (PPM)		1140
NO. OF EXAMINED ANIMALS		0
ORGAN	FINDINGS	
THYMUS	HEMORRHAGE	0
LUNG	CONGESTION	0
UTERUS	DILATED	0
	DILATED LUMEN	0

付録表 D - 3

病理組織学的所見・総括表

(ラット・急性試験・死亡・瀕死動物)

TABLE SUMMARY OF MICRO FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0037

SEX : MALE

DOSE LEVEL (PPM)		150				225				338				506				760						
NO. OF EXAMINED ANIMALS		0				0				0				0				3						
ORGAN	FINDINGS	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3			
LUNG	CONGESTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
LIVER	DEGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	
KIDNEY	TUBULAR NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
THYMUS	CONGESTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
HEART	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ADRENAL	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NASAL CAVITY	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0037

SEX : MALE

DOSE LEVEL (PPM)		1140			
NO. OF EXAMINED ANIMALS		2			
ORGAN	FINDINGS	T	1	2	3
LUNG	CONGESTION	0	0	0	2
LIVER	DEGENERATION	0	0	2	0
KIDNEY	TUBULAR NECROSIS	0	0	0	2
THYMUS	CONGESTION	0	2	0	0
HEART	HEMORRHAGE	0	2	0	0
ADRENAL	HEMORRHAGE	0	0	0	0
	NECROSIS	0	0	0	0
NASAL CAVITY	NECROSIS	0	0	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0037

SEX : FEMALE

DOSE LEVEL (PPM)		150				225				338				506				760				
NO. OF EXAMINED ANIMALS		0				0				0				0				3				
ORGAN	FINDINGS	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	
LUNG	CONGESTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
LIVER	DEGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
KIDNEY	TUBULAR NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
THYMUS	CONGESTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
HEART	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ADRENAL	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NASAL CAVITY	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0037

SEX : FEMALE

DOSE LEVEL (PPM)		1140			
NO. OF EXAMINED ANIMALS		2			
ORGAN	FINDINGS	T	1	2	3
LUNG	CONGESTION	0	0	0	2
LIVER	DEGENERATION	0	0	2	0
KIDNEY	TUBULAR NECROSIS	0	0	0	2
THYMUS	CONGESTION	0	1	0	0
HEART	HEMORRHAGE	0	1	0	0
ADRENAL	HEMORRHAGE	0	1	1	0
	NECROSIS	0	0	0	0
NASAL CAVITY	NECROSIS	0	0	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

付録表 D - 4

病理組織学的所見・総括表

(ラット・急性試験・定期解剖動物)

TABLE SUMMARY OF MICRO FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0037

SEX : MALE

DOSE LEVEL (PPM)		150				225				338				506				760			
NO. OF EXAMINED ANIMALS		2				2				2				2				0			
ORGAN	FINDINGS	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3
NASAL CAVITY																					
	DISARRANGEMENT	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	2	0	0	0	0
	METAPLASIA	0	0	0	0	0	1	0	0	0	1	1	0	0	0	2	0	0	0	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0037

SEX : MALE

DOSE LEVEL (PPM) 1140
NO. OF EXAMINED ANIMALS 0
ORGAN----- FINDINGS----- T 1 2 3

NASAL CAVITY
DISARRANGEMENT 0 0 0 0
METAPLASIA 0 0 0 0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0037

SEX : FEMALE

DOSE LEVEL (PPM)		150				225				338				506				760			
NO. OF EXAMINED ANIMALS		2				2				2				2				0			
ORGAN	FINDINGS	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3
NASAL CAVITY																					
	DISARRANGEMENT	0	0	0	0	0	1	0	0	0	0	2	0	0	0	2	0	0	0	0	0
	METAPLASIA	0	0	0	0	0	0	0	0	0	0	2	0	0	1	1	0	0	0	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0037

SEX : FEMALE

DOSE LEVEL (PPM) 1140
NO. OF EXAMINED ANIMALS 0
ORGAN----- FINDINGS----- T 1 2 3

NASAL CAVITY
DISARRANGEMENT 0 0 0 0
METAPLASIA 0 0 0 0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

付録表 D - 5

肉眼所見・総括表

(ラット・2週間試験・死亡・瀕死動物)

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0045

SEX : MALE

DOSE LEVEL (PPM)		0		154		200		260		338	
NO. OF EXAMINED ANIMALS		0	0	0	1	0	0	0	0	6	1
ORGAN	FINDINGS	D	M	D	M	D	M	D	M	D	M

NASAL CAVITY											
	FLUID	0	0	0	0	0	0	0	0	0	1
WHOLE BODY	WASTING	0	0	0	0	0	0	0	0	0	1
THYMUS	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0
	REDDISH	0	0	0	0	0	0	0	0	1	0
	RED PATCH/ZONE	0	0	0	0	0	0	0	0	2	0
	SMALL	0	0	0	0	0	0	0	0	0	0
LUNG	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0
	HYPEREMIA	0	0	0	0	0	0	0	0	0	0
	EDEMA	0	0	0	0	0	0	0	0	0	1
	REDDISH	0	0	0	0	0	0	0	0	6	0
	BLACK PATCH/ZONE	0	0	0	0	0	0	0	0	0	0
THORACIC CAVITY											
	FLUID	0	0	0	0	0	0	0	0	3	0
	TRANSPARENT	0	0	0	0	0	0	0	0	1	0
VENTRICLE	ANEMIC	0	0	0	0	0	0	0	0	3	0
ATRIUM	REDDISH	0	0	0	0	0	0	0	0	0	0
	BLACK	0	0	0	0	0	0	0	0	0	0
ABDOMINAL CAVITY											
	FLUID	0	0	0	0	0	0	0	0	1	0
LIVER	HYPEREMIA	0	0	0	0	0	0	0	0	0	0
	CONGESTION	0	0	0	0	0	0	0	0	2	0
	ANEMIC	0	0	0	0	0	0	0	0	0	0
	PALE	0	0	0	0	0	0	0	0	0	0
	REDDISH	0	0	0	0	0	0	0	0	2	0
SPLEEN	ANEMIC	0	0	0	0	0	0	0	0	0	0
	BLACK PATCH/ZONE	0	0	0	0	0	0	0	0	0	0
GLANDULAR STOMACH											
	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0
	REDDISH	0	0	0	0	0	0	0	0	0	0
PANCREAS	HYPEREMIA	0	0	0	0	0	0	0	0	0	0
	REDDISH	0	0	0	0	0	0	0	0	0	0
SMALL INTESTINE											
	EDEMA	0	0	0	0	0	0	0	0	1	0
LARGE INTESTINE											
	EDEMA	0	0	0	0	0	0	0	0	1	0
KIDNEY	ANEMIC	0	0	0	0	0	0	0	0	0	0
SEMINAL VESICLE											
	ATROPHIC	0	0	0	0	0	0	0	0	0	0
	SMALL	0	0	0	0	0	0	0	0	0	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0045

SEX : MALE

DOSE LEVEL (PPM)		440	
NO. OF EXAMINED ANIMALS		10	0
ORGAN	FINDINGS	D	M

NASAL CAVITY			
WHOLE BODY	FLUID	0	0
	WASTING	0	0
THYMUS	HEMORRHAGE	3	0
	REDDISH	1	0
	RED PATCH/ZONE	3	0
	SMALL	1	0
LUNG	HEMORRHAGE	1	0
	HYPEREMIA	3	0
	EDEMA	0	0
	REDDISH	6	0
	BLACK PATCH/ZONE	1	0
THORACIC CAVITY			
	FLUID	0	0
	TRANSPARENT	0	0
VENTRICLE	ANEMIC	0	0
ATRIUM	REDDISH	3	0
	BLACK	1	0
ABDOMINAL CAVITY			
	FLUID	0	0
LIVER	HYPEREMIA	3	0
	CONGESTION	0	0
	ANEMIC	1	0
	PALE	1	0
	REDDISH	2	0
SPLEEN	ANEMIC	1	0
	BLACK PATCH/ZONE	1	0
GLANDULAR STOMACH			
	HEMORRHAGE	1	0
	REDDISH	1	0
PANCREAS	HYPEREMIA	1	0
	REDDISH	1	0
SMALL INTESTINE			
	EDEMA	0	0
LARGE INTESTINE			
	EDEMA	0	0
KIDNEY	ANEMIC	1	0
SEMINAL VESICLE			
	ATROPHIC	3	0
	SMALL	1	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0045

SEX : FEMALE

DOSE LEVEL (PPM)		0		154		200		260		338	
NO. OF EXAMINED ANIMALS		0	0	0	0	0	0	0	0	1	0
ORGAN	FINDINGS	D	M	D	M	D	M	D	M	D	M
THYMUS	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0
LUNG	HYPEREMIA	0	0	0	0	0	0	0	0	0	0
	CONGESTION	0	0	0	0	0	0	0	0	0	0
	EDEMA	0	0	0	0	0	0	0	0	1	0
	REDDISH	0	0	0	0	0	0	0	0	1	0
	BROWN	0	0	0	0	0	0	0	0	0	0
	COLORED PATCH/ZONE	0	0	0	0	0	0	0	0	0	0
THORACIC CAVITY	FLUID	0	0	0	0	0	0	0	0	1	0
ATRIUM	REDDISH	0	0	0	0	0	0	0	0	0	0
	BLACK	0	0	0	0	0	0	0	0	0	0
LIVER	ANEMIC	0	0	0	0	0	0	0	0	0	0
	PALE	0	0	0	0	0	0	0	0	0	0
	WHITE PATCH/ZONE	0	0	0	0	0	0	0	0	0	0
SPLEEN	BLACK PATCH/ZONE	0	0	0	0	0	0	0	0	0	0
GLANDULAR STOMACH	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0
OVARY	RED PATCH/ZONE	0	0	0	0	0	0	0	0	0	0
	COLORED PATCH/ZONE	0	0	0	0	0	0	0	0	0	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0045

SEX : FEMALE

DOSE LEVEL (PPM)		440	
NO. OF EXAMINED ANIMALS		10	0
ORGAN	FINDINGS	D	M
THYMUS	HEMORRHAGE	7	0
LUNG	HYPEREMIA	3	0
	CONGESTION	1	0
	EDEMA	0	0
	REDDISH	3	0
	BROWN	2	0
	COLORED PATCH/ZONE	1	0
THORACIC CAVITY			
	FLUID	0	0
ATRIUM	REDDISH	1	0
	BLACK	1	0
LIVER	ANEMIC	6	0
	PALE	4	0
	WHITE PATCH/ZONE	3	0
SPLEEN	BLACK PATCH/ZONE	1	0
GLANDULAR STOMACH			
	HEMORRHAGE	1	0
OVARY	RED PATCH/ZONE	2	0
	COLORED PATCH/ZONE	1	0

D: DEAD M: MORIBUND

付録表 D - 6

肉眼所見・総括表

(ラット・2週間試験・定期解剖動物)

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0045

SEX : MALE

DOSE LEVEL (PPM)		0	154	200	260	338
NO. OF EXAMINED ANIMALS		10	9	10	10	3
ORGAN	FINDINGS					
WHOLE BODY	WASTING	0	0	0	0	1
LUNG	EDEMA	0	0	0	0	2
	REDDISH	0	1	0	0	1
THORACIC CAVITY	FLUID	0	0	0	0	1
LIVER	REDDISH	0	0	0	0	2
SPLEEN	SMALL	0	0	0	0	1
URINARY BLADDER	FLUID	0	0	1	0	0
SEMINAL VESICLE	SMALL	0	0	0	0	3

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0045

SEX : MALE

DOSE LEVEL (PPM)		440
NO. OF EXAMINED ANIMALS		0
ORGAN	FINDINGS	
WHOLE BODY	WASTING	0
LUNG	EDEMA	0
	REDDISH	0
THORACIC CAVITY		
	FLUID	0
LIVER	REDDISH	0
SPLEEN	SMALL	0
URINARY BLADDER		
	FLUID	0
SEMINAL VESICLE		
	SMALL	0

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0045

SEX : FEMALE

DOSE LEVEL (PPM)		0	154	200	260	338
NO. OF EXAMINED ANIMALS		10	10	10	10	9
ORGAN	FINDINGS					
LIVER	NODULE	0	0	0	1	0
	BROWN	0	0	0	0	2
URINARY BLADDER	FLUID	0	0	1	1	2
	REDDISH	1	1	1	1	0
	DILATED LUMEN	0	1	0	0	0
UTERUS	DILATED	0	2	2	1	0
	DILATED LUMEN	0	0	1	0	0

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0045

SEX : FEMALE

DOSE LEVEL (PPM)		440
NO. OF EXAMINED ANIMALS		0
ORGAN	FINDINGS	
LIVER	NODULE	0
	BROWN	0
URINARY BLADDER	FLUID	0
OVARY	REDDISH	0
	DILATED LUMEN	0
UTERUS	DILATED	0
	DILATED LUMEN	0

付録表 D - 7

病理組織学的所見・総括表

(ラット・2週間試験・死亡・瀕死動物)

TABLE SUMMARY OF MICRO FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0045

SEX : MALE

DOSE LEVEL (PPM)		0				154				200				260				338				
NO. OF EXAMINED ANIMALS		0				0				0				0				3				
ORGAN	FINDINGS	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	
LUNG	CONGESTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	EDEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	INTERSTITIAL PNEUMONIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LIVER	CONGESTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
KIDNEY	TUBULAR NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPLEEN	KARYORRHEXIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THYMUS	CONGESTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
	ATROPHY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	KARYORRHEXIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEART	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	MYOCARDIAL DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ADRENAL	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
	VACUOLIC CHANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NASAL CAVITY		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
	DISARRANGEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
	METAPLASIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
BONE MARROW	INFLAMMATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0045

SEX : MALE

DOSE LEVEL (PPM)		440			
NO. OF EXAMINED ANIMALS		4			
ORGAN	FINDINGS	T	1	2	3
LUNG	CONGESTION	0	1	0	3
	HEMORRHAGE	0	0	1	0
	EDEMA	0	0	0	0
	INTERSTITIAL PNEUMONIA	0	0	0	0
LIVER	CONGESTION	0	2	1	0
KIDNEY	TUBULAR NECROSIS	0	0	1	3
SPLEEN	KARYORRHEXIS	0	0	0	0
THYMUS	CONGESTION	0	1	0	0
	ATROPHY	0	0	0	1
	KARYORRHEXIS	0	0	0	0
HEART	NECROSIS	0	1	0	0
	MYOCARDIAL DAMAGE	0	1	0	0
ADRENAL	HEMORRHAGE	0	1	0	0
	VACUOLIC CHANGE	0	0	1	0
NASAL CAVITY	DISARRANGEMENT	0	0	0	0
	NECROSIS	0	0	0	4
	METAPLASIA	0	0	2	2
BONE MARROW	INFLAMMATION	0	2	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0045

SEX : FEMALE

DOSE LEVEL (PPM)		0				154				200				260				330				
NO. OF EXAMINED ANIMALS		0				0				0				0				0				
ORGAN	FINDINGS	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	
LUNG	CONGESTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LIVER	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	FATTY CHANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KIDNEY	TUBULAR NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THYMUS	CONGESTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEART	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ADRENAL	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MASAL CAVITY																						
	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BONE MARROW																						
	INFLAMMATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0045

SEX : FEMALE

DOSE LEVEL (PPM)		440			
NO. OF EXAMINED ANIMALS		2			
ORGAN	FINDINGS	T	1	2	3
LUNG	CONGESTION	0	0	0	2
LIVER	NECROSIS	0	1	0	0
	FATTY CHANGE	0	2	0	0
KIDNEY	TUBULAR NECROSIS	0	0	0	2
THYMUS	CONGESTION	0	0	2	0
HEART	NECROSIS	0	2	0	0
ADRENAL	HEMORRHAGE	0	0	1	1
	NECROSIS	0	0	1	1
NASAL CAVITY	NECROSIS	0	0	0	2
BONE MARROW	INFLAMMATION	0	1	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

付録表 D - 8

病理組織学的所見・総括表

(ラット・2週間試験・定期解剖動物)

TABLE SUMMARY OF MICRO FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0045

SEX : MALE

DOSE LEVEL (PPM)		0				154				200				260				338				
NO. OF EXAMINED ANIMALS		2				2				2				2				2				
ORGAN	FINDINGS	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	
LUNG	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	EDEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	INTERSTITIAL PNEUMONIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LIVER	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
RECTUM	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
THYMUS	ATROPHY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HEART	NECROSIS	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	MYOCARDIAL DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0
ADRENAL	VACUOLIC CHANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
NASAL CAVITY	DISARRANGEMENT	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	1	0	0	0	0	2
	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0
	METAPLASIA	0	0	0	0	0	1	0	0	0	0	2	0	0	0	2	0	0	0	0	2	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0045

SEX : MALE

DOSE LEVEL (PPM)		440			
NO. OF EXAMINED ANIMALS		n			
ORGAN	FINDINGS	T	1	2	3
LUNG	HEMOPRHAGE	0	0	0	0
	EDEMA	0	0	0	0
	INTERSTITIAL PNEUMONIA	0	0	0	0
LIVER	NECROSIS	0	0	0	0
RECTUM	NECROSIS	0	0	0	0
THYMUS	ATROPHY	0	0	0	0
HEART	NECROSIS	0	0	0	0
	MYOCARDIAL DAMAGE	0	0	0	0
ADRENAL	VACUOLIC CHANGE	0	0	0	0
NASAL CAVITY	DISARRANGEMENT	0	0	0	0
	NECROSIS	0	0	0	0
	METAPLASIA	0	0	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0045

SEX : FEMALE

DOSE LEVEL (PPM)		0				154				200				260				338				
NO. OF EXAMINED ANIMALS																						
ORGAN	FINDINGS	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	
HEART	MYOCARDIAL DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0
ADRENAL	VACUOLIC CHANGE	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2	0
NASAL CAVITY	DISARRANGEMENT	0	0	0	0	0	0	2	0	0	0	1	1	0	0	1	1	0	0	0	0	2
	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	METAPLASIA	0	0	0	0	0	0	0	0	0	2	0	0	0	1	1	0	0	0	0	2	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0045

SEX : FEMALE

DOSE LEVEL (PPM)		440			
NO. OF EXAMINED ANIMALS		0			
ORGAN	FINDINGS	T	1	2	3
HEART	MYOCARDIAL DAMAGE	0	0	0	0
ADRENAL	VACUOLIC CHANGE	0	0	0	0
NASAL CAVITY	DISARRANGEMENT	0	0	0	0
	NECROSIS	0	0	0	0
	METAPLASIA	0	0	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

付録表 D - 9

肉眼所見・総括表

(ラット・13週間試験・死亡・瀕死動物・雄)

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0049

SEX : MALE

DOSE LEVEL (PPM)		293	
NO. OF EXAMINED ANIMALS		5	5
ORGAN	FINDINGS	D	M
SUBCUTANEOUS TISSUE			
	ANEMIC	1	0
EYE	SOILED	2	1
	REDDISH	0	1
NOSE	SOILED	3	4
MOUTH	SOILED	3	4
GENITAL	SOILED	2	0
BRAIN	HEMORRHAGE	0	1
	SWOLEN	1	0
THYMUS	ATROPHIC	4	2
	REDDISH	1	0
	RED PATCH/ZONE	2	0
LUNG	HEMORRHAGE	0	1
	HYPEREMIA	4	0
	ZONE	1	0
	RED PATCH/ZONE	1	0
HEART	ANEMIC	3	0
ABDOMINAL CAVITY			
	FLUID	1	0
LIVER	CONGESTION	1	0
SPLEEN	ATROPHIC	1	0
GLANDULAR STOMACH			
	HEMORRHAGE	1	1
	FLUID	1	0
LARGE INTESTINE			
	DILATED	0	1
KIDNEY	ANEMIC	1	1
	SWOLEN	2	1
	PATCH	1	0
URINARY BLADDER			
	HEMORRHAGE	1	0
	DILATED	0	4
TESTIS	SMALL	0	1

D: DEAD M: MORIBUND

付録表D - 10

肉眼所見・総括表

(ラット・13週間試験・死亡・瀕死動物・雌)

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0049

SEX : FEMALE

DOSE LEVEL (PPM)		0		7.5		18.8		46.9		117	
NO. OF EXAMINED ANIMALS		0	0	0	0	0	0	0	0	0	0
ORGAN	FINDINGS	D	M	D	M	D	M	D	M	D	M
EYE	SOILED	0	0	0	0	0	0	0	0	0	0
NOSE	SOILED	0	0	0	0	0	0	0	0	0	0
MOUTH	SOILED	0	0	0	0	0	0	0	0	0	0
GENITAL	SOILED	0	0	0	0	0	0	0	0	0	0
NASAL CAVITY		0	0	0	0	0	0	0	0	0	0
THYMUS	FLUID	0	0	0	0	0	0	0	0	0	0
	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0
	ATROPHIC	0	0	0	0	0	0	0	0	0	0
	RED PATCH/ZONE	0	0	0	0	0	0	0	0	0	0
TRACHEA	FLUID	0	0	0	0	0	0	0	0	0	0
LUNG	CONGESTION	0	0	0	0	0	0	0	0	0	0
	EDEMA	0	0	0	0	0	0	0	0	0	0
	ZONE	0	0	0	0	0	0	0	0	0	0
THORACIC CAVITY		0	0	0	0	0	0	0	0	0	0
ABDOMINAL CAVITY	FLUID	0	0	0	0	0	0	0	0	0	0
STOMACH	FLUID	0	0	0	0	0	0	0	0	0	0
FORESTOMACH		0	0	0	0	0	0	0	0	0	0
GLANDULAR STOMACH	ULCER	0	0	0	0	0	0	0	0	0	0
	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0
	REDDISH	0	0	0	0	0	0	0	0	0	0
	RED PATCH/ZONE	0	0	0	0	0	0	0	0	0	0
SMALL INTESTINE		0	0	0	0	0	0	0	0	0	0
KIDNEY	FLUID	0	0	0	0	0	0	0	0	0	0
	ANEMIC	0	0	0	0	0	0	0	0	0	0
	SWOLEN	0	0	0	0	0	0	0	0	0	0
URINARY BLADDER		0	0	0	0	0	0	0	0	0	0
UTERUS	DILATED	0	0	0	0	0	0	0	0	0	0
	FLUID	0	0	0	0	0	0	0	0	0	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0049

SEX : FEMALE

DOSE LEVEL (PPM)		293	
NO. OF EXAMINED ANIMALS		D	M
ORGAN	FINDINGS		
EYE	SOILED	0	5
NOSE	SOILED	2	5
MOUTH	SOILED	0	3
GENITAL	SOILED	0	3
NASAL CAVITY			
	FLUID	1	1
THYMUS	HEMORRHAGE	0	1
	ATROPHIC	0	4
	RED PATCH/ZONE	1	0
TRACHEA	FLUID	1	0
LUNG	CONGESTION	1	0
	EDEMA	1	0
	ZONE	1	0
THORACIC CAVITY			
	FLUID	1	0
ABDOMINAL CAVITY			
	FLUID	1	0
STOMACH	FLUID	0	2
FORESTOMACH			
	ULCER	0	1
GLANDULAR STOMACH			
	HEMORRHAGE	0	4
	REDDISH	0	1
	RED PATCH/ZONE	0	1
SMALL INTESTINE			
	FLUID	0	1
KIDNEY	ANEMIC	0	2
	SWOLEN	0	2
URINARY BLADDER			
	DILATED	1	3
UTERUS	FLUID	0	1

D: DEAD M: MORIBUND

付録表D - 1 1

肉眼所見・総括表

(ラット・13週間試験・定期解剖動物・雄)

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 13 WEEK)

STUDY NO. : 0049

SEX : MALE

DOSE LEVEL (PPM)		0	7.5	18.8	46.9	117
NO. OF EXAMINED ANIMALS		10	10	10	10	10
ORGAN	FINDINGS					
THYMUS	HEMORRHAGE	1	0	0	0	0
	ATROPHIC	0	0	0	0	1
LIVER	YELLOWISH	3	2	2	2	3
	HERNIATION	2	0	0	0	0
GLANDULAR STOMACH						
	HEMORRHAGE	0	0	0	1	0
LYMPH NODE	REDDISH	1	0	0	1	1

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 13 WEEK)

STUDY NO. : 0049

SEX : MALE

DOSE LEVEL (PPM)		293
NO. OF EXAMINED ANIMALS		0
ORGAN	FINDINGS	
THYMUS	HEMORRHAGE	0
	ATROPHIC	0
LIVER	YELLOWISH	0
	HERNIATION	0
GLANDULAR STOMACH	HEMORRHAGE	0
LYMPH NODE	REDDISH	0

付録表 D - 1 2

肉眼所見・総括表

(ラット・13週間試験・定期解剖動物・雌)

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 13 WEEK)

STUDY NO. : 0049

SEX : FEMALE

DOSE LEVEL (PPM)		0	7.5	18.8	46.9	117
NO. OF EXAMINED ANIMALS		10	10	10	10	10
ORGAN	FINDINGS					
THYMUS	HEMORRHAGE	1	0	1	0	0
LIVER	CONGESTION	0	0	0	0	2
	YELLOWISH	0	0	0	2	1
	HERNIATION	0	1	0	3	0
SPLEEN	CONGESTION	0	1	0	0	0
GLANDULAR STOMACH	GRANULAR	1	0	0	0	0
	NODULE	0	0	0	0	1
PERITONEUM	CONGESTION	1	0	0	0	0
KIDNEY	CONGESTION	0	1	0	0	0
OVARY	RED PATCH/ZONE	0	0	1	0	0
UTERUS	DILATED	0	2	0	2	3
LYMPH NODE	REDDISH	0	0	0	1	1

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 13 WEEK)

STUDY NO. : 0049

SEX : FEMALE

DOSE LEVEL (PPM)		293
NO. OF EXAMINED ANIMALS		0
ORGAN	FINDINGS	
THYMUS	HEMORRHAGE	0
LIVER	CONGESTION	0
	YELLOWISH	0
	HERNIATION	0
SPLEEN	CONGESTION	0
GLANDULAR STOMACH		
	GRANULAR	0
	NODULE	0
PERITONEUM	NODULE	0
KIDNEY	CONGESTION	0
OVARY	RED PATCH/ZONE	0
UTERUS	DILATED	0
LYMPH NODE	REDDISH	0

付録表 D - 13

臓器重量（実重量）・総括表
（ラット・13週間試験・雄）

TABLE ABSOLUTE BODY AND ORGAN WEIGHT

STUDY NO. : 0049

WEEK: 13

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	BODY WEIGHT (G)	THYMUS (G)	ADRENAL R (G)	ADRENAL L (G)	TESTIS R (G)
MALE	0	10	345 ± 17	0.272 ± 0.026	0.027 ± 0.003	0.028 ± 0.003	1.457 ± 0.056
	7.5	10	343 ± 12	0.295 ± 0.029	0.025 ± 0.004	0.029 ± 0.002	1.479 ± 0.052
	18.8	10	351 ± 19	0.307 ± 0.042*	0.027 ± 0.003	0.029 ± 0.004	1.442 ± 0.089
	46.9	10	329 ± 21	0.289 ± 0.054	0.027 ± 0.003	0.027 ± 0.002	1.451 ± 0.081
	117.	10	320 ± 12 **	0.268 ± 0.042	0.025 ± 0.002	0.028 ± 0.002	1.426 ± 0.050

SIGNIFICANT DIFFERENCE; *: P≤0.05 **: P≤0.01 ***: P≤0.001

TABLE ABSOLUTE BODY AND ORGAN WEIGHT

STUDY NO. : 0049

WEEK: 13

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	TESTIS L (G)	HEART (G)	LUNG R (G)	LUNG L (G)	KIDNEY R (G)
MALE	0	10	1.515 ± 0.058	0.996 ± 0.039	0.667 ± 0.021	0.363 ± 0.014	0.957 ± 0.044
	7.5	10	1.493 ± 0.061	0.989 ± 0.043	0.664 ± 0.048	0.361 ± 0.019	0.965 ± 0.058
	18.8	10	1.441 ± 0.107	1.014 ± 0.045	0.663 ± 0.025	0.366 ± 0.023	0.944 ± 0.040
	46.9	10	1.482 ± 0.107	1.021 ± 0.051	0.651 ± 0.033	0.362 ± 0.026	0.946 ± 0.062
	117.	10	1.470 ± 0.045	0.960 ± 0.040	0.647 ± 0.033	0.354 ± 0.013	0.930 ± 0.039

SIGNIFICANT DIFFERENCE: * : $P \leq 0.05$ ** : $P \leq 0.01$ *** : $P \leq 0.001$

TABLE ABSOLUTE BODY AND ORGAN WEIGHT

STUDY NO. : 0049

WEEK: 13

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	KIDNEY L (G)	SPLEEN (G)	LIVER (G)	BRAIN (G)
MALE	0	10	0.965 ± 0.037	0.578 ± 0.023	8.774 ± 0.540	1.931 ± 0.039
	7.5	10	0.987 ± 0.055	0.574 ± 0.030	8.659 ± 0.396	1.919 ± 0.014
	18.8	10	0.966 ± 0.047	0.590 ± 0.041	8.913 ± 0.586	1.918 ± 0.040
	46.9	10	0.937 ± 0.084	0.569 ± 0.071	8.304 ± 0.508	1.884 ± 0.040*
	117.	10	0.945 ± 0.033	0.563 ± 0.028	8.061 ± 0.432**	1.863 ± 0.044**

SIGNIFICANT DIFFERENCE; * : P ≤ 0.05 ** : P ≤ 0.01 *** : P ≤ 0.001

付録表D - 14

臓器重量（実重量）・総括表
（ラット・13週間試験・雌）

TABLE ABSOLUTE BODY AND ORGAN WEIGHT

STUDY NO. : 0049

WEEK: 13

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	BODY WEIGHT (G)	THYMUS (G)	ADRENAL R (G)	ADRENAL L (G)	OVARY R (G)
FEMALE	0	10	194 ± 8	0.237 ± 0.021	0.030 ± 0.002	0.032 ± 0.004	0.055 ± 0.006
	7.5	10	198 ± 9	0.237 ± 0.023	0.030 ± 0.003	0.033 ± 0.003	0.049 ± 0.008
	18.8	10	194 ± 11	0.223 ± 0.018	0.028 ± 0.002	0.030 ± 0.003	0.049 ± 0.007
	46.9	10	192 ± 7	0.220 ± 0.019	0.028 ± 0.003	0.031 ± 0.003	0.051 ± 0.012
	117.	10	178 ± 9 ***	0.211 ± 0.016**	0.027 ± 0.004	0.030 ± 0.002	0.051 ± 0.006

SIGNIFICANT DIFFERENCE; * : P<0.05 ** : P<0.01 *** : P<0.001

TABLE ABSOLUTE BODY AND ORGAN WEIGHT

STUDY NO. : 0049

WEEK: 13

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	OVARY L (G)	HEART (G)	LUNG R (G)	LUNG L (G)	KIDNEY R (G)
FEMALE	0	10	0.064 ± 0.011	0.654 ± 0.034	0.486 ± 0.021	0.269 ± 0.011	0.599 ± 0.022
	7.5	10	0.055 ± 0.012	0.670 ± 0.051	0.513 ± 0.043	0.283 ± 0.022	0.609 ± 0.033
	18.8	10	0.053 ± 0.010*	0.640 ± 0.044	0.481 ± 0.046	0.265 ± 0.019	0.597 ± 0.035
	46.9	10	0.055 ± 0.010	0.670 ± 0.042	0.492 ± 0.032	0.265 ± 0.009	0.604 ± 0.039
	117.	10	0.059 ± 0.008	0.634 ± 0.028	0.471 ± 0.017	0.266 ± 0.006	0.585 ± 0.033

SIGNIFICANT DIFFERENCE: * : P<0.05 ** : P<0.01 *** : P<0.001

TABLE ABSOLUTE BODY AND ORGAN WEIGHT

STUDY NO. : 0049

WEEK: 13

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	KIDNEY L (G)	SPLEEN (G)	LIVFR (G)	BRAIN (G)
FEMALE	0	10	0.595 ± 0.026	0.384 ± 0.018	4.460 ± 0.151	1.768 ± 0.029
	7.5	10	0.611 ± 0.031	0.395 ± 0.021	4.671 ± 0.430	1.765 ± 0.024
	18.8	10	0.586 ± 0.035	0.375 ± 0.025	4.421 ± 0.283	1.769 ± 0.042
	46.9	10	0.601 ± 0.030	0.388 ± 0.026	4.420 ± 0.224	1.769 ± 0.019
	117.	10	0.593 ± 0.031	0.395 ± 0.017	4.302 ± 0.329	1.698 ± 0.025***

SIGNIFICANT DIFFERENCE; * : P ≤ 0.05 ** : P ≤ 0.01 *** : P ≤ 0.001

付録表D - 15

臓器重量（体重比）・総括表
（ラット・13週間試験・雄）

TABLE RELATIVE BODY AND ORGAN WEIGHT

STUDY NO. : 0049

WEEK: 13

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	BODY WEIGHT (G)	THYMUS (%)	ADRENAL R (%)	ADRENAL L (%)	TESTIS R (%)
MALE	0	10	345 ± 17	0.079 ± 0.007	0.008 ± 0.001	0.008 ± 0.001	0.423 ± 0.023
	7.5	10	343 ± 12	0.086 ± 0.008*	0.007 ± 0.001	0.008 ± 0.001	0.431 ± 0.020
	18.8	10	351 ± 19	0.087 ± 0.009*	0.008 ± 0.001	0.008 ± 0.001	0.411 ± 0.026
	46.9	10	329 ± 21	0.088 ± 0.016	0.008 ± 0.001	0.008 ± 0.001	0.442 ± 0.026
	117.	10	320 ± 12**	0.084 ± 0.012	0.008 ± 0.001	0.009 ± 0.001	0.447 ± 0.021*

SIGNIFICANT DIFFERENCE; * : P<0.05 ** : P<0.01 *** : P<0.001

TABLE RELATIVE BODY AND ORGAN WEIGHT

STUDY NO. : 0049

WEEK: 13

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	TESTIS L (%)	HEART (%)	LUNG R (%)	LUNG L (%)	KIDNEY R (%)
MALE	0	10	0.441 ± 0.032	0.289 ± 0.009	0.194 ± 0.009	0.105 ± 0.005	0.278 ± 0.011
	7.5	10	0.435 ± 0.016	0.288 ± 0.009	0.194 ± 0.016	0.105 ± 0.006	0.281 ± 0.017
	18.8	10	0.410 ± 0.027*	0.289 ± 0.006	0.189 ± 0.009	0.104 ± 0.005	0.269 ± 0.012
	46.9	10	0.452 ± 0.039	0.311 ± 0.021**	0.198 ± 0.009	0.110 ± 0.005	0.288 ± 0.009*
	117.	10	0.460 ± 0.016	0.301 ± 0.016	0.203 ± 0.011	0.111 ± 0.003**	0.291 ± 0.009*

SIGNIFICANT DIFFERENCE; * : P ≤ 0.05 ** : P ≤ 0.01 *** : P ≤ 0.001

TABLE RELATIVE BODY AND ORGAN WEIGHT

STUDY NO. : 0049

WEEK: 13

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	KIDNEY L (%)	SPLEEN (%)	LIVER (%)	BRAIN (%)
MALE	0	10	0.240 ± 0.012	0.168 ± 0.005	2.543 ± 0.073	0.561 ± 0.027
	7.5	10	0.288 ± 0.016	0.167 ± 0.009	2.524 ± 0.087	0.560 ± 0.017
	18.8	10	0.275 ± 0.011	0.168 ± 0.007	2.537 ± 0.051	0.547 ± 0.022
	46.9	10	0.285 ± 0.015	0.173 ± 0.015	2.525 ± 0.069	0.574 ± 0.035
	117.	10	0.296 ± 0.011**	0.176 ± 0.010*	2.523 ± 0.085	0.584 ± 0.031

SIGNIFICANT DIFFERENCE; * : P ≤ 0.05 ** : P ≤ 0.01 *** : P ≤ 0.001

付録表D - 16

臓器重量（体重比）・総括表
（ラット・13週間試験・雌）

TABLE RELATIVE BODY AND ORGAN WEIGHT

STUDY NO. : 0049

WEEK: 13

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	BODY WEIGHT (G)	THYMIUS (%)	ADRENAL R (%)	ADRENAL L (%)	OVARY R (%)
FEMALE	0	10	194 ± 8	0.122 ± 0.011	0.015 ± 0.001	0.016 ± 0.002	0.028 ± 0.003
	7.5	10	198 ± 9	0.120 ± 0.011	0.015 ± 0.002	0.017 ± 0.002	0.025 ± 0.004*
	18.8	10	194 ± 11	0.115 ± 0.009	0.014 ± 0.001	0.016 ± 0.002	0.025 ± 0.005
	46.9	10	192 ± 7	0.115 ± 0.010	0.015 ± 0.001	0.016 ± 0.002	0.027 ± 0.006
	117.	10	178 ± 9***	0.119 ± 0.008	0.015 ± 0.002	0.017 ± 0.001	0.029 ± 0.003

SIGNIFICANT DIFFERENCE; * : P ≤ 0.05 ** : P ≤ 0.01 *** : P ≤ 0.001

TABLE RELATIVE BODY AND ORGAN WEIGHT

STUDY NO. : 0049

WEEK: 13

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	OVARY L (%)	HEART (%)	LUNG R (%)	LUNG L (%)	KIDNEY R (%)
FEMALE	0	10	0.033 ± 0.006	0.337 ± 0.008	0.251 ± 0.011	0.139 ± 0.006	0.309 ± 0.014
	7.5	10	0.028 ± 0.006*	0.338 ± 0.023	0.259 ± 0.017	0.143 ± 0.011	0.308 ± 0.018
	18.8	10	0.028 ± 0.005*	0.331 ± 0.017	0.249 ± 0.022	0.137 ± 0.007	0.309 ± 0.013
	46.9	10	0.029 ± 0.005	0.350 ± 0.014*	0.257 ± 0.021	0.139 ± 0.003	0.315 ± 0.016
	117.	10	0.033 ± 0.004	0.356 ± 0.016**	0.265 ± 0.016*	0.149 ± 0.006***	0.328 ± 0.016*

SIGNIFICANT DIFFERENCE; *: P<0.05 **: P<0.01 ***: P<0.001

TABLE RELATIVE BODY AND ORGAN WEIGHT

STUDY NO. : 0049

WEEK: 13

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	KIDNEY L (%)	SPLEEN (%)	LIVER (%)	BRAIN (%)
FEMALE	0	10	0.307 ± 0.016	0.198 ± 0.010	2.301 ± 0.060	0.912 ± 0.033
	7.5	10	0.309 ± 0.018	0.199 ± 0.007	2.359 ± 0.210	0.892 ± 0.043
	18.8	10	0.303 ± 0.009	0.194 ± 0.011	2.283 ± 0.075	0.916 ± 0.052
	46.9	10	0.313 ± 0.010	0.202 ± 0.013	2.306 ± 0.062	0.924 ± 0.042
	117.	10	0.333 ± 0.013**	0.222 ± 0.013***	2.414 ± 0.159	0.955 ± 0.053#

SIGNIFICANT DIFFERENCE; #: P<0.05 **: P<0.01 ***: P<0.001

付録表D - 17

肉眼所見・総括表

(ラット・がん原性試験・死亡・瀕死動物・雄)

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0061

SEX : MALE

DOSE LEVEL (PPM)		0		4		20		100	
NO. OF EXAMINED ANIMALS		11	5	7	9	11	8	7	10
ORGAN	FINDINGS	D	M	D	M	D	M	D	M
SKIN	NODULE	1	1	0	0	3	0	0	2
SURCUTANEOUS TISSUE	HEMORRHAGE	1	0	0	0	0	0	0	0
	MASS	4	1	0	3	3	1	0	2
	NODULE	0	0	0	0	0	1	0	0
	YELLOWISH	0	0	0	0	0	1	0	0
SOFT TISSUE	NODULE	3	1	0	0	1	1	0	1
EYE	ABSCCESS	0	0	0	0	0	0	0	1
	WHITE	0	0	0	0	0	0	1	0
	REDDISH	1	0	1	0	1	1	0	0
HINDLIMB	MASS	1	0	0	0	0	0	0	0
NECK	MASS	1	0	0	0	0	0	0	0
HARDERIAN GLAND	NODULE	1	0	0	0	0	0	0	0
	REDDISH	0	1	0	0	0	0	0	0
AUDITORY	NODULE	1	1	0	0	1	1	0	0
NASAL CAVITY	HEMORRHAGE	1	0	0	0	0	0	0	0
	FLUID	0	1	0	0	0	0	0	0
BRAIN	HEMORRHAGE	0	0	0	1	0	0	0	0
	SWOOLEN	0	0	0	1	0	0	0	0
	RED PATCH/ZONE	0	0	0	0	0	0	0	1
CEREBRUM	HEMORRHAGE	1	0	0	0	0	0	0	0
	NODULE	0	0	0	0	0	0	1	0
CEREBELLUM	HEMORRHAGE	1	0	1	0	0	0	0	0
PITUITARY	ENLARGED	1	2	0	1	4	2	3	2
	NODULE	1	0	0	0	0	1	2	1
	RED PATCH/ZONE	0	0	1	0	0	1	0	0
	BLACK PATCH/ZONE	0	0	1	0	0	0	0	0
BRAINSTEM	SOFT	0	0	0	1	0	0	0	0
SPINAL CORD	HEMORRHAGE	0	0	0	1	0	0	0	0
	RED PATCH/ZONE	0	0	0	0	0	2	0	0
PERIPHERAL NERVE	NODULE	1	0	0	0	0	0	0	0
BONE	MASS	0	0	0	0	1	0	0	0
	NODULE	0	0	0	0	0	1	0	0
	SOFT	1	0	0	1	1	0	0	0
BLOOD	ANEMIC	0	0	0	1	0	0	0	0
WHOLE BODY	ANEMIC	0	0	0	0	0	1	0	0
	YELLOWISH	0	0	0	0	0	1	0	0
	AUTOLYSIS	10	0	7	0	11	0	7	0
THYROID	ENLARGED	0	0	1	1	1	0	1	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0061

SEX : MALE

DOSE LEVEL (PPM)		0		4		20		100	
NO. OF EXAMINED ANIMALS		11	5	7	9	11	8	7	10
ORGAN	FINDINGS	D	M	D	M	D	M	D	M
THYROID	NODULE	0	0	0	0	0	0	1	0
THYMUS	HEMORRHAGE	0	0	0	0	0	0	1	0
	REDUCED	1	0	0	2	0	0	0	0
LUNG	CONGESTION	3	0	1	0	1	0	0	0
	EDEMA	0	0	1	0	0	0	0	0
	ATELECTASIS	1	0	0	0	0	0	0	0
	NODULE	1	1	0	0	1	0	1	0
	WHITE	0	0	1	0	0	0	0	0
	REDDISH	3	0	3	1	5	0	6	1
	WHITE PATCH/ZONE	0	0	0	1	1	0	0	1
	RED PATCH/ZONE	0	0	1	1	1	2	1	0
	COLORED PATCH/ZONE	1	0	0	0	0	0	0	0
THORACIC CAVITY									
	HEMORRHAGE	1	0	0	0	0	0	1	0
	FLUID	0	1	3	2	0	2	3	1
MEDIASTINUM									
	NODULE	0	0	0	0	1	0	0	0
PLEURAL	NODULE	1	0	0	0	0	0	0	0
HEART	WHITE	0	0	0	0	0	1	0	0
	WHITE PATCH/ZONE	0	0	0	1	0	0	0	0
ATRIUM	DILATED	0	0	0	0	1	0	0	0
	NODULE	0	0	1	0	0	0	0	0
	WHITE	0	0	0	0	1	0	0	0
TONGUE	NODULE	0	0	1	0	0	0	0	0
PARATHYROID									
	ENLARGED	0	0	0	1	0	0	0	0
ABDOMINAL CAVITY									
	HEMORRHAGE	0	0	0	1	0	0	1	0
	MASS	0	0	0	1	0	0	0	0
	FLUID	0	0	0	0	1	0	0	0
LIVER	CONGESTION	1	0	0	0	0	0	1	0
	ANEMIC	0	1	0	0	0	0	1	0
	ENLARGED	2	0	1	0	0	0	0	0
	GRANULAR	0	0	0	1	0	1	0	0
	NODULE	0	0	0	1	0	2	1	0
	PALE	0	0	0	0	1	1	0	0
	WHITE PATCH/ZONE	0	0	1	1	0	0	0	0
	RED PATCH/ZONE	0	0	0	0	0	1	1	0
	HERNIATION	0	0	0	1	0	1	0	0
SPLEEN	ENLARGED	2	0	1	2	3	2	0	4
	DEFORMED	0	1	0	0	0	0	0	0
	GRANULAR	0	0	0	1	0	0	0	0
	NODULE	0	0	1	1	0	1	2	0
	WHITE PATCH/ZONE	0	0	0	0	1	0	0	1

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0061

SEX : MALE

DOSE LEVEL (PPM)		0		4		20		100	
ORGAN	FINDINGS	11 D	5 M	7 D	9 M	11 D	8 M	7 D	10 M
STOMACH	DILATED	0	0	1	0	0	0	0	1
	FLUID	0	0	0	0	0	0	0	1
FORESTOMACH	RUPTURE	0	0	0	0	0	1	0	0
	ULCER	2	0	5	3	2	3	1	2
	THICK	0	1	0	0	0	0	0	1
GLANDULAR STOMACH	ULCER	0	1	1	2	2	1	2	2
	FLUID	0	0	0	3	0	0	0	0
	THICK	2	0	0	2	1	1	1	1
	RED PATCH/ZONE	0	1	0	0	0	2	1	0
PANCREAS	NODULE	0	0	0	0	0	0	3	0
SMALL INTESTINE	DILATED	0	0	0	0	1	0	0	0
	FLUID	0	0	0	1	0	0	0	0
DUODENUM	NODULE	0	0	1	0	0	0	0	0
LARGE INTESTINE	DILATED	0	0	0	0	1	0	0	0
	FLUID	0	0	0	1	0	0	0	0
PERITONEUM	NODULE	0	0	0	0	1	0	0	0
RETROPERITONEUM	MASS	0	0	0	1	0	0	0	0
ADRENAL	ENLARGED	3	0	1	0	0	1	0	0
	MISSING	0	0	0	0	0	0	1	0
	RED PATCH/ZONE	0	0	0	1	0	0	0	0
KIDNEY	ENLARGED	0	0	0	0	0	0	1	0
	GRANULAR	1	0	1	4	3	5	0	1
	CYST	0	0	0	1	0	0	0	0
URINARY BLADDER	DILATED	0	0	0	1	1	0	0	1
	NODULE	0	0	0	0	0	0	0	1
TESTIS	EDEMA	0	0	0	1	0	0	0	0
	ENLARGED	0	0	0	0	1	1	0	0
	ATROPHIC	0	0	0	3	2	1	1	1
	NODULE	6	2	5	3	9	4	2	6
	WHITE PATCH/ZONE	0	0	0	0	0	0	1	0
PROSTATE	NODULE	0	0	0	0	0	0	0	1
SEMINAL VESICLE	NODULE	0	0	0	0	0	0	1	0
PREPUTIAL GLAND	NODULE	0	0	1	0	0	0	0	0
LYMPH NODE	ENLARGED	2	0	1	2	1	4	0	1
	REDDISH	1	0	0	0	0	0	0	0
ARTERY	EMBOLUS	0	0	0	0	1	0	0	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0061

SEX : MALE

DOSE LEVEL (PPM)		0		4		20		100	
NO. OF EXAMINED ANIMALS		11	5	7	9	11	8	7	10
ORGAN	FINDINGS	D	M	D	M	D	M	D	M
ARTERY	INDURATION	0	0	0	1	0	0	0	0

D: DEAD M: MORIBUND

付録表 D - 18

肉眼所見・総括表

(ラット・がん原性試験・死亡・瀕死動物・雌)

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0061

SEX : FEMALE

DOSE LEVEL (PPM)		0		4		20		100	
ORGAN	FINDINGS	D	M	D	M	D	M	D	M
SKIN	NODULE	0	0	0	0	0	0	1	0
SURCUTANEOUS TISSUE	MASS	2	0	0	2	1	2	0	0
	CYST	0	0	0	2	0	0	0	0
	YELLOWISH	0	1	0	1	0	2	1	0
SOFT TISSUE	NODULE	0	0	0	0	1	0	0	0
EYE	REDDISH	0	0	0	0	1	0	0	0
HARDERIAN GLAND	REDDISH	0	0	0	0	0	0	0	1
	BLACK PATCH/ZONE	0	1	0	0	0	0	1	0
AUDITORY	NODULE	0	0	0	0	0	0	1	0
BRAIN	HEMORRHAGE	0	1	0	0	0	0	0	0
CEREBELLUM	HEMORRHAGE	0	0	0	0	0	1	0	0
PITUITARY	ENLARGED	1	3	0	3	2	2	2	0
	NODULE	0	1	1	0	0	1	2	0
	RED PATCH/ZONE	0	0	0	1	0	3	1	0
	COLORED PATCH/ZONE	0	0	1	0	0	0	0	0
BRAINSTEM	NODULE	0	0	0	0	0	1	0	0
SPINAL CORD	HEMORRHAGE	0	1	0	0	0	0	0	0
BONE	ELEVATED	0	0	0	0	0	1	0	0
WHOLE BODY	YELLOWISH	0	0	0	1	0	1	0	0
	AUTOLYSIS	3	0	6	0	2	0	5	0
THYROID	ENLARGED	0	0	1	1	0	0	0	0
	NODULE	0	0	0	1	0	0	0	0
THYMUS	ENLARGED	0	0	0	0	0	0	0	1
	REDUCED	1	0	0	0	1	0	0	0
LUNG	CONGESTION	0	0	0	0	0	1	1	0
	EDEMA	0	0	0	1	0	0	0	0
	NODULE	0	0	1	0	0	0	0	1
	REDDISH	1	0	2	0	2	0	2	1
	RED PATCH/ZONE	0	1	1	0	0	2	0	1
THORACIC CAVITY	FLUID	0	0	1	1	1	2	1	2
MEDIASTINUM	MASS	0	0	1	0	0	0	0	0
ATRIUM	RED PATCH/ZONE	0	0	0	0	0	1	0	0
PARATHYROID	ENLARGED	0	1	0	0	0	0	0	0
ABDOMINAL CAVITY	HEMORRHAGE	0	0	0	0	1	0	0	0
	FLUID	0	0	1	0	0	0	1	0
LIVER	ENLARGED	0	0	1	0	0	1	0	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0061

SEX : FEMALE

DOSE LEVEL (PPM)		0		4		20		100	
NO. OF EXAMINED ANIMALS	FINDINGS	4	4	6	6	3	8	5	4
ORGAN		D	M	D	M	D	M	D	M
LIVER	GRANULAR	0	0	1	1	0	2	0	0
	REDDISH	0	0	1	0	0	0	0	0
	YELLOWISH	0	0	0	0	0	1	0	0
	WHITE PATCH/ZONE	0	0	1	0	0	0	1	1
	RED PATCH/ZONE	0	0	0	0	0	0	0	1
	HERNIATION	1	0	0	1	0	2	0	0
BILE DUCT	DILATED	0	0	0	1	0	0	0	0
SPLEEN	ENLARGED	0	2	2	1	0	4	1	1
	REDDISH	0	0	0	0	0	1	0	0
FORESTOMACH	ULCER	0	1	0	1	1	2	0	2
	THICK	0	0	0	0	0	1	0	0
GLANDULAR STOMACH	ULCER	0	1	3	1	0	3	0	1
	FLUID	1	1	0	0	0	0	0	0
	THICK	0	1	1	1	0	1	0	1
	BROWN	1	0	0	0	0	0	0	0
	RED PATCH/ZONE	0	0	1	1	0	1	0	1
RETROPERITONEUM	MASS	0	0	0	0	1	0	0	0
ADRENAL	ENLARGED	0	0	1	1	0	0	1	1
	MISSING	0	0	0	0	1	0	0	0
	RED PATCH/ZONE	0	0	0	0	0	0	1	0
KIDNEY	MISSING	0	0	0	0	1	0	0	0
	GRANULAR	0	0	0	2	0	0	0	0
	DARK	0	0	0	0	0	1	0	0
URINARY BLADDER	DILATED	0	0	0	0	0	0	0	1
	FLUID	1	0	0	0	0	0	0	0
CLITORAL GLAND	NODULE	0	1	0	0	0	0	0	0
OVARY	ENLARGED	0	0	0	0	0	0	0	2
	CYST	0	0	0	0	0	0	1	0
UTERUS	ENLARGED	0	0	0	1	0	0	0	0
	NODULE	0	0	1	0	0	1	1	1
VAGINA	DILATED	0	0	0	0	0	0	0	1
	NODULE	0	0	1	0	0	0	0	1
LYMPH NODE	ENLARGED	0	0	1	0	0	0	2	0
	REDDISH	0	0	0	0	0	1	0	2

D: DEAD M: MORIBUND

付録表 D - 19

肉眼所見・総括表

(ラット・がん原性試験・定期解剖動物・雄)

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 104 WEEK)

STUDY NO. : 0061

SEX : MALE

DOSE LEVEL (PPM)		0	4	20	100
NO. OF EXAMINED ANIMALS		34	34	31	33
ORGAN	FINDINGS				
SKIN	MASS	0	0	1	0
	NODULE	1	3	3	1
SURCUTANEOUS TISSUE	MASS	9	6	8	5
	CYST	1	0	0	0
	YELLOWISH	0	1	0	0
SOFT TISSUE	NODULE	5	6	3	4
EYE	NODULE	0	0	0	1
	REDDISH	0	0	1	0
TAIL	NODULE	0	1	0	1
	ULCER	1	0	0	0
PITUITARY	ENLARGED	5	4	3	5
	NODULE	1	9	7	6
	RED PATCH/ZONE	4	1	0	2
BONE	NODULE	1	0	0	0
WHOLE BODY	AUTOLYSIS	2	0	1	0
THYROID	ENLARGED	3	2	3	8
	MASS	0	1	0	0
	NODULE	1	0	4	3
	RED PATCH/ZONE	0	0	0	1
	BLACK PATCH/ZONE	2	0	0	0
LUNG	NODULE	4	1	1	4
	REDDISH	1	0	1	0
	WHITE PATCH/ZONE	0	0	2	1
	RED PATCH/ZONE	2	3	2	2
	COLORED PATCH/ZONE	0	0	1	2
THORACIC CAVITY	FLUID	0	1	1	1
HEART	WHITE PATCH/ZONE	0	1	1	1
ESOPHAGUS	FLUID	0	1	0	0
ABDOMINAL CAVITY	FLUID	0	0	1	0
LIVER	ANEMIC	0	0	1	0
	ENLARGED	0	0	4	0
	NODULE	3	3	1	3
	CYST	1	1	3	0
	WHITE PATCH/ZONE	0	1	0	1
	COLORED PATCH/ZONE	0	2	1	0
	HERNIATION	0	1	2	1
	ROUGH	3	3	3	1
SPLEEN	INFARCT	0	1	1	0
	ENLARGED	5	4	5	0
	DEFORMED	1	0	0	0

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 104 WEEK)

STUDY NO. : 0061

SEX : MALE

DOSE LEVEL (PPM)		0	4	20	100
NO. OF EXAMINED ANIMALS		34	34	31	33
ORGAN	FINDINGS				
SPLEEN	SCARRED	0	1	0	0
	MASS	0	0	0	1
	WHITE PATCH/ZONE	1	0	0	0
	COLORLED PATCH/ZONE	1	1	0	0
FORESTOMACH	ULCER	1	0	0	0
GLANDULAR STOMACH	ULCER	3	3	0	1
	RED PATCH/ZONE	0	0	1	0
PANCREAS	NODULE	0	1	1	2
CECUM	NODULE	0	0	0	1
PERITONEUM	NODULE	0	0	2	1
RETROPERITONEUM	MASS	0	0	0	1
	CYST	1	0	0	0
ADRENAL	ENLARGED	0	1	1	1
KIDNEY	ENLARGED	0	1	1	0
	GRANULAR	30	31	28	32
URINARY BLADDER	DILATED	1	0	0	0
TESTIS	ENLARGED	10	12	12	10
	ATROPHIC	5	5	4	5
	NODULE	34	33	31	28
SEMINAL VESICLE	NODULE	0	0	0	1
PREPUTIAL GLAND	NODULE	1	3	3	0
LYMPH NODE	ENLARGED	0	0	2	0

付録表D - 20

肉眼所見・総括表

(ラット・がん原性試験・定期解剖動物・雌)

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 104 WEEK)

STUDY NO. : 0061

SEX : FEMALE

DOSE LEVEL (PPM)		0	4	20	100
NO. OF EXAMINED ANIMALS		42	38	39	41
ORGAN	FINDINGS				
SKIN	NODULE	1	0	0	0
HAIR	REDUCED	2	0	0	0
SURCUTANEOUS TISSUE	MASS	11	12	6	5
	NODULE	0	0	1	0
	YELLOWISH	1	0	0	0
SOFT TISSUE	NODULE	3	1	2	0
EYE	WHITE	1	0	0	1
HARDERIAN GLAND	RED PATCH/ZONE	0	0	1	1
AUDITORY	NODULE	0	0	1	0
PITUITARY	ENLARGED	8	9	10	5
	NODULE	11	9	8	9
	WHITE PATCH/ZONE	0	0	1	0
	RED PATCH/ZONE	6	3	3	4
WHOLE BODY	ANEMIC	0	0	1	0
	WASTING	1	0	1	0
THYROID	ENLARGED	1	0	1	2
	NODULE	2	1	1	1
	RED PATCH/ZONE	0	0	1	0
LUNG	NODULE	0	1	0	2
	WHITE PATCH/ZONE	0	0	0	1
	RED PATCH/ZONE	3	1	0	9
THORACIC CAVITY	FLUID	0	0	0	1
HEART	NODULE	1	1	0	0
TONGUE	NODULE	0	2	2	0
	WHITE PATCH/ZONE	0	0	1	0
	RED PATCH/ZONE	0	1	0	0
ESOPHAGUS	FLUID	1	0	0	0
ABDOMINAL CAVITY	HEMORRHAGE	0	1	0	0
LIVER	ENLARGED	0	0	1	1
	NODULE	3	3	3	1
	PALE	1	0	0	0
	WHITE PATCH/ZONE	0	0	1	0
	RED PATCH/ZONE	2	1	0	1
	COLORED PATCH/ZONE	1	0	0	3
	HERNIATION	2	4	2	2
	ROUGH	2	4	3	2
SPLEEN	ENLARGED	2	4	4	2
FORESTOMACH	NODULE	0	1	0	0

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 104 WEEK)

STUDY NO. : 0061

SEX : FEMALE

DOSE LEVEL (PPM)	0	4	20	100
NO. OF EXAMINED ANIMALS	42	38	39	41
ORGAN----- FINDINGS-----				
FORESTOMACH				
ULCER	1	1	1	0
GLANDULAR STOMACH				
ULCER	0	2	1	0
RED PATCH/ZONE	0	0	1	0
PANCREAS	2	1	1	0
NODULE	0	1	0	0
PERITONEUM	0	1	0	0
ADRENAL	0	0	0	1
ENLARGED	0	0	0	1
KIDNEY	13	9	11	15
GRANULAR	1	0	1	0
GREEN				
CLITORAL GLAND				
NODULE	3	2	6	1
OVARY	0	0	1	0
NODULE	2	0	2	2
CYST	0	1	0	0
UTERUS	0	1	0	0
ATROPHIC	4	7	5	1
NODULE	0	0	0	1
BLACK PATCH/ZONE	1	0	1	1
DILATED LUMEN	0	2	1	0
LYMPH NODE				
ENLARGED				

付録表 D - 2 1

臓器重量（実重量）・総括表
（ラット・がん原性試験・雄）

TABLE ABSOLUTE BODY AND ORGAN WEIGHT

STUDY NO. : 0061

WEEK: 104

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	BODY WEIGHT (G)	ADRENAL R (G)	ADRENAL L (G)	TESTIS R (G)	TESTIS L (G)
MALE	0	34	407 ± 62	0.037 ± 0.007	0.041 ± 0.008	2.136 ± 1.215	2.534 ± 0.863
	4	34	415 ± 48	0.038 ± 0.014	0.039 ± 0.008	2.537 ± 0.933	2.911 ± 1.228
	20	31	414 ± 42	0.037 ± 0.010	0.047 ± 0.040	2.781 ± 1.275*	2.884 ± 1.138
	100	33	384 ± 33	0.056 ± 0.120	0.035 ± 0.006**	2.136 ± 1.095	2.330 ± 1.075

SIGNIFICANT DIFFERENCE; * : P<0.05 ** : P<0.01 *** : P<0.001

TABLE ABSOLUTE BODY AND ORGAN WEIGHT

STUDY NO. : 0061

WEEK: 104

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	HEART (G)	LUNG R (G)	LUNG L (G)	KIDNEY R (G)	KIDNEY L (G)
MALE	0	34	1.267 ± 0.135	1.045 ± 0.363	0.591 ± 0.225	1.474 ± 0.127	1.472 ± 0.136
	4	34	1.237 ± 0.098	0.959 ± 0.198	0.535 ± 0.114	1.469 ± 0.127	1.461 ± 0.138
	20	31	1.269 ± 0.135	0.999 ± 0.268	0.561 ± 0.151	1.542 ± 0.345	1.539 ± 0.354
	100	33	1.187 ± 0.087**	0.914 ± 0.176	0.496 ± 0.040*	1.370 ± 0.129**	1.357 ± 0.123**

SIGNIFICANT DIFFERENCE; * : P ≤ 0.05 ** : P ≤ 0.01 *** : P ≤ 0.001

TABLE ABSOLUTE BODY AND ORGAN WEIGHT

STUDY NO. : 0061

WEEK: 104

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	SPLEEN (G)	LIVER (G)	BRAIN (G)
MALE	0	34	2.161 ± 3.108	13.558 ± 2.062	2.049 ± 0.039
	4	34	1.665 ± 1.973	13.013 ± 1.319	2.057 ± 0.040
	20	31	1.536 ± 1.038	13.995 ± 2.342	2.038 ± 0.046
	100	33	1.156 ± 0.391	11.905 ± 1.445***	1.946 ± 0.044***

SIGNIFICANT DIFFERENCE; *: P<0.05 ** : P<0.01 ***: P<0.001

付録表D - 22

臓器重量（実重量）・総括表
（ラット・がん原性試験・雌）

TABLE ABSOLUTE BODY AND ORGAN WEIGHT

STUDY NO. : 0061

WEEK: 104

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	BODY WEIGHT (G)		ADRENAL R (G)	ADRENAL L (G)	OVARY R (G)	OVARY L (G)
FEMALE	0	42	303 ±	40	0.036 ± 0.006	0.038 ± 0.006	0.084 ± 0.229	0.061 ± 0.052
	4	38	313 ±	39	0.036 ± 0.005	0.040 ± 0.007	0.047 ± 0.014	0.051 ± 0.010
	20	39	301 ±	35	0.037 ± 0.012	0.040 ± 0.013	0.052 ± 0.032	0.052 ± 0.011
	100	41	272 ±	24 ***	0.058 ± 0.163	0.036 ± 0.015	0.049 ± 0.014	0.075 ± 0.140

SIGNIFICANT DIFFERENCE; #: P<0.05 ** : P<0.01 *** : P<0.001

TABLE ABSOLUTE BODY AND ORGAN WEIGHT

STUDY NO. : 0061

WEEK: 104

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	HEART (G)	LUNG R (G)	LUNG L (G)	KIDNEY R (G)	KIDNEY L (G)
FEMALE	0	42	0.937 ± 0.088	0.648 ± 0.103	0.368 ± 0.057	0.997 ± 0.088	0.995 ± 0.077
	4	38	0.968 ± 0.096	0.679 ± 0.177	0.381 ± 0.097	0.994 ± 0.107	0.997 ± 0.109
	20	39	0.955 ± 0.098	0.638 ± 0.081	0.362 ± 0.052	0.991 ± 0.104	0.991 ± 0.104
	100	41	0.918 ± 0.066	0.640 ± 0.145	0.361 ± 0.073	0.901 ± 0.055***	0.896 ± 0.052**

SIGNIFICANT DIFFERENCE; * : P<0.05 ** : P<0.01 *** : P<0.001

TABLE ABSOLUTE BODY AND ORGAN WEIGHT

STUDY NO. : 0061

WEEK: 104

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	SPLEEN (G)	LIVER (G)	BRAIN (G)
FEMALE	0	42	0.831 ± 0.726	8.033 ± 0.903	1.854 ± 0.035
	4	38	1.191 ± 1.980	8.176 ± 1.199	1.864 ± 0.041
	20	39	1.075 ± 1.962	8.026 ± 1.307	1.847 ± 0.036
	100	41	0.807 ± 1.113	6.853 ± 0.859***	1.765 ± 0.045***

SIGNIFICANT DIFFERENCE; * : P ≤ 0.05 ** : P ≤ 0.01 *** : P ≤ 0.001

付録表 D - 23

臓器重量（体重比）・総括表
（ラット・がん原性試験・雄）

TABLE RELATIVE BODY AND ORGAN WEIGHT

STUDY NO. : 0061

WEEK: 104

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	BODY WEIGHT (G)	ADRENAL R (%)	ADRENAL L (%)	TESTIS R (%)	TESTIS L (%)
MALE	0	34	407 ± 62	0.009 ± 0.003	0.010 ± 0.003	0.532 ± 0.304	0.631 ± 0.215
	4	34	415 ± 48	0.009 ± 0.004	0.010 ± 0.003	0.607 ± 0.219	0.704 ± 0.307
	20	31	414 ± 42	0.009 ± 0.002	0.012 ± 0.010	0.667 ± 0.303	0.685 ± 0.250
	100	33	384 ± 33	0.015 ± 0.030	0.009 ± 0.002	0.552 ± 0.266	0.604 ± 0.269

SIGNIFICANT DIFFERENCE; * : P ≤ 0.05 ** : P ≤ 0.01 *** : P ≤ 0.001

TABLE RELATIVE BODY AND ORGAN WEIGHT

STUDY NO. : 0061

WEEK: 104

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	HEART (%)	LUNG R (%)	LUNG L (%)	KIDNEY R (%)	KIDNEY L (%)
MALE	0	34	0.320 ± 0.071	0.270 ± 0.133	0.152 ± 0.078	0.372 ± 0.078	0.373 ± 0.087
	4	34	0.304 ± 0.060	0.237 ± 0.080	0.132 ± 0.045	0.361 ± 0.072	0.359 ± 0.077
	20	31	0.310 ± 0.055	0.244 ± 0.075	0.137 ± 0.043	0.380 ± 0.131	0.379 ± 0.132
	100	33	0.311 ± 0.029	0.239 ± 0.047	0.130 ± 0.013	0.360 ± 0.050	0.356 ± 0.048

SIGNIFICANT DIFFERENCE; * : P ≤ 0.05 ** : P ≤ 0.01 *** : P ≤ 0.001

TABLE RELATIVE BODY AND ORGAN WEIGHT

STUDY NO. : 0061

WEEK: 104

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	SPLEEN (%)	LIVER (%)	BRAIN (%)
MALE	0	34	0.580 ± 0.946	3.419 ± 0.831	0.518 ± 0.106
	4	34	0.443 ± 0.704	3.188 ± 0.581	0.503 ± 0.066
	20	31	0.376 ± 0.262	3.402 ± 0.642	0.497 ± 0.056
	100	33	0.300 ± 0.093	3.106 ± 0.338*	0.510 ± 0.047

SIGNIFICANT DIFFERENCE; * : P ≤ 0.05 ** : P ≤ 0.01 *** : P ≤ 0.001

付録表D - 24

臓器重量（体重比）・総括表
（ラット・がん原性試験・雌）

TABLE RELATIVE BODY AND ORGAN WEIGHT

STUDY NO. : 0061

WEEK: 104

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	BODY WEIGHT (G)		ADRENAL R (%)	ADRENAL L (%)	OVARY R (%)	OVARY L (%)
FEMALE	0	42	303 ±	40	0.012 ± 0.003	0.013 ± 0.003	0.027 ± 0.071	0.021 ± 0.020
	4	38	313 ±	39	0.012 ± 0.003	0.013 ± 0.003	0.015 ± 0.005	0.016 ± 0.003
	20	39	301 ±	35	0.013 ± 0.006	0.014 ± 0.005	0.017 ± 0.010	0.017 ± 0.004
	100	41	272 ±	24***	0.022 ± 0.065	0.013 ± 0.005	0.018 ± 0.005	0.027 ± 0.047

SIGNIFICANT DIFFERENCE: * : P<0.05 ** : P<0.01 *** : P<0.001

TABLE RELATIVE BODY AND ORGAN WEIGHT

STUDY NO. : 0061

WEEK: 104

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	HEART (%)	LUNG R (%)	LUNG L (%)	KIDNEY R (%)	KIDNEY L (%)
FEMALE	0	42	0.316 ± 0.062	0.219 ± 0.052	0.124 ± 0.030	0.336 ± 0.058	0.335 ± 0.059
	4	38	0.314 ± 0.056	0.220 ± 0.064	0.124 ± 0.036	0.323 ± 0.062	0.324 ± 0.060
	20	39	0.323 ± 0.065	0.216 ± 0.047	0.123 ± 0.029	0.336 ± 0.071	0.335 ± 0.067
	100	41	0.340 ± 0.034*	0.237 ± 0.054	0.134 ± 0.028	0.333 ± 0.031	0.332 ± 0.032

SIGNIFICANT DIFFERENCE: * : P ≤ 0.05 ** : P ≤ 0.01 *** : P ≤ 0.001

TABLE RELATIVE BODY AND ORGAN WEIGHT

STUDY NO. : 0061

WEEK: 104

SEX	DOSE LEVEL (PPM)	NO. OF ANIMALS	SPLEEN (%)	LIVER (%)	BRAIN (%)
FEMALE	0	42	0.286 ± 0.281	2.700 ± 0.495	0.625 ± 0.098
	4	38	0.386 ± 0.632	2.650 ± 0.528	0.604 ± 0.078
	20	39	0.388 ± 0.747	2.708 ± 0.599	0.622 ± 0.080
	100	41	0.295 ± 0.393	2.529 ± 0.317	0.654 ± 0.060

SIGNIFICANT DIFFERENCE; * : P ≤ 0.05 ** : P ≤ 0.01 *** : P ≤ 0.001

付録表D - 25

肉眼所見・総括表

(マウス・急性試験・死亡・瀕死動物・雄雌)

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0029

SEX : MALE

DOSE LEVEL (PPM)		100		150		225		338		506	
NO. OF EXAMINED ANIMALS		0	0	0	0	0	0	0	0	8	0
ORGAN	FINDINGS	D	M	D	M	D	M	D	M	D	M
EYE	TURBID	0	0	0	0	0	0	0	0	5	0
NASAL CAVITY	FLUID	0	0	0	0	0	0	0	0	1	0
LUNG	CONGESTION	0	0	0	0	0	0	0	0	6	0
VENTRICLE	DILATED	0	0	0	0	0	0	0	0	3	0
GLANDULAR STOMACH	HEMORRHAGE	0	0	0	0	0	0	0	0	4	0
	FLUID	0	0	0	0	0	0	0	0	1	0
SMALL INTESTINE	RED PATCH/ZONE	0	0	0	0	0	0	0	0	0	0
LARGE INTESTINE	RED PATCH/ZONE	0	0	0	0	0	0	0	0	0	0
URINARY BLADDER	RED PATCH/ZONE	0	0	0	0	0	0	0	0	1	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0029

SEX : MALE

DOSE LEVEL (PPM)		760	
NO. OF EXAMINED ANIMALS		10	0
ORGAN	FINDINGS	D	M
EYE	TURBID	7	0
NASAL CAVITY			
	FLUID	1	0
LUNG	CONGESTION	10	0
VENTRICLE	DILATED	0	0
GLANDULAR STOMACH			
	HEMORRHAGE	0	0
	FLUID	0	0
SMALL INTESTINE			
	RED PATCH/ZONE	1	0
LARGE INTESTINE			
	RED PATCH/ZONE	2	0
URINARY BLADDER			
	RED PATCH/ZONE	0	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0029

SEX : FEMALE

DOSE LEVEL (PPM)		100		150		225		338		506	
NO. OF EXAMINED ANIMALS		0	0	0	0	0	0	0	0	10	0
ORGAN	FINDINGS	D	M	D	M	D	M	D	M	D	M
EYE	TURBID	0	0	0	0	0	0	0	0	6	0
LUNG	CONGESTION	0	0	0	0	0	0	0	0	9	0
VENTRICLE	DILATED	0	0	0	0	0	0	0	0	1	0
GLANDULAR STOMACH	HEMORRHAGE	0	0	0	0	0	0	0	0	1	0
DUODENUM	TURBID	0	0	0	0	0	0	0	0	1	0
KIDNEY	ANEMIC	0	0	0	0	0	0	0	0	1	0
UTERUS	DILATED LUMEN	0	0	0	0	0	0	0	0	3	0

D: DEAD M: MORIBUND

付録表D - 26

肉眼所見・総括表

(マウス・急性試験・定期解剖動物・雄雌)

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0029

SEX : MALE

DOSE LEVEL (PPM)		100	150	225	338	506
NO. OF EXAMINED ANIMALS		10	10	10	10	2
ORGAN	FINDINGS					
SPLEEN	BLACK PATCH/ZONE	1	0	0	1	0
KIDNEY	ENLARGED	0	0	3	0	0
	PALE	0	0	0	0	1
	HYDRONEPHROSIS	1	0	0	0	0

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0029

SEX : MALE

DOSE LEVEL (PPM)		760
NO. OF EXAMINED ANIMALS		0
ORGAN	FINDINGS	
SPLEEN	BLACK PATCH/ZONE	0
KIDNEY	ENLARGED	0
	PALE	0
	HYDRONEPHROSIS	0

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0029

SEX : FEMALE

DOSE LEVEL (PPM)		100	150	225	338	506
NO. OF EXAMINED ANIMALS		10	10	10	10	0
ORGAN	FINDINGS					
SPLEEN	BLACK PATCH/ZONE	0	0	2	0	0
KIDNEY	PALE	0	1	1	1	0
UTERUS	DILATED LUMEN	4	7	6	3	0

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0029

SEX : FEMALE

DOSE LEVEL (PPM)		760
NO. OF EXAMINED ANIMALS		0
ORGAN	FINDINGS	
SPLEEN	BLACK PATCH/ZONE	0
KIDNEY	PALE	0
UTERUS	DILATED LUMEN	0

付録表D - 27

病理組織学的所見・総括表

(マウス・急性試験・死亡・瀕死動物)

TABLE SUMMARY OF MICRO FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0029

SEX : MALE

DOSE LEVEL (PPM)		100				150				225				338				506				
NO. OF EXAMINED ANIMALS		0				0				0				0				2				
ORGAN	FINDINGS	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	
LUNG	CONGESTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
LIVER	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
	DEGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
KIDNEY	TUBULAR NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0029

SEX : MALE

DOSE LEVEL (PPM)		760			
NO. OF EXAMINED ANIMALS		2			
ORGAN	FINDINGS	T	1	2	3
LUNG	CONGESTION	0	1	1	0
LIVER	NECROSIS	0	0	0	2
	DEGENERATION	0	0	2	0
KIDNEY	TUBULAR NECROSIS	0	0	0	2

+ : BENIGN # : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0029

SEX : FEMALE

DOSE LEVEL (PPM)		0				100				150				225				338				506			
NO. OF EXAMINED ANIMALS		0				0				0				0				3				3			
ORGAN	FINDINGS	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3
LUNG	CONGESTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0			
LIVER	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1		
	DEGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0		
KIDNEY	TUBULAR NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3			
THYMUS	KARYORRHEXIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
LYMPH NODES																									
	KARYORRHEXIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0		
NASAL CAVITY																									
	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0029

SEX : FEMALE

DOSE LEVEL (PPM)		760			
NO. OF EXAMINED ANIMALS		2			
ORGAN	FINDINGS	T	1	2	3
LUNG	CONGESTION	0	0	1	1
LIVER	NECROSIS	0	0	0	2
	DEGENERATION	0	0	2	0
KIDNEY	TUBULAR NECROSIS	0	0	0	2
THYMUS	KARYORRHEXIS	0	0	0	0
LYMPH NODES					
	KARYORRHEXIS	0	0	0	0
NASAL CAVITY					
	NECROSIS	0	0	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

付録表 D - 28

病理組織学的所見・総括表
(マウス・急性試験・定期解剖動物)

TABLE SUMMARY OF MICRO FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0029

SEX : MALE

DOSE LEVEL (PPM)		100				150				225				338				506			
NO. OF EXAMINED ANIMALS	ORGAN	FINDINGS				FINDINGS				FINDINGS				FINDINGS				FINDINGS			
		T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3
LIVER	GRANULATION	0	0	1	0	0	0	0	0	0	1	1	0	0	2	0	0	0	1	0	0
KIDNEY	REGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	HYDRONEPHROSIS	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TUBULAR NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
NASAL CAVITY	NECROSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	METAPLASIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0029

SEX : MALE

DOSE LEVEL (PPM)		760			
NO. OF EXAMINED ANIMALS		0			
ORGAN	FINDINGS	T	1	2	3
LIVER	GRANULATION	0	0	0	0
KIDNEY	REGENERATION	0	0	0	0
	HYDRONEPHROSIS	0	0	0	0
	TUBULAR NECROSIS	0	0	0	0
NASAL CAVITY	NECROSIS	0	0	0	0
	METAPLASIA	0	0	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0029

SEX : FEMALE

DOSE LEVEL (PPM)		100				150				225				338				506				
NO. OF EXAMINED ANIMALS		2				2				2				2				0				
ORGAN	FINDINGS	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	T	1	2	3	
LIVER	GRANULATION	0	2	0	0	0	1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
SPLEEN	DEPOSIT OF PIGMENT	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
NASAL CAVITY	METAPLASIA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

TABLE SUMMARY OF MICRO FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0029

SEX : FEMALE

DOSE LEVEL (PPM)		760			
NO. OF EXAMINED ANIMALS		0			
ORGAN	FINDINGS	T	1	2	3
LIVER	GRANULATION	0	0	0	0
SPLEEN	DEPOSIT OF PIGMENT	0	0	0	0
NASAL CAVITY	METAPLASIA	0	0	0	0

+ : BENIGN * : MALIGNANT T : TUMOR 1 : SLIGHT 2 : MODERATE 3 : MARKED

付録表D - 29

肉眼所見・総括表

(マウス・2週間試験・死亡・瀕死動物)

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0046

SEX : MALE

DOSE LEVEL (PPM)		0		154		200		260		338	
NO. OF EXAMINED ANIMALS	FINDINGS	D	M	D	M	D	M	D	M	D	M
EYE	TURBID	0	0	0	0	0	0	0	0	0	0
NASAL CAVITY	HEMORRHAGE	0	0	0	0	0	0	0	0	2	0
THYMUS	ATROPHIC	0	0	0	0	4	0	2	0	0	0
	SMALL	0	0	1	0	1	0	1	0	0	0
LUNG	HYPEREMIA	0	0	0	0	0	0	0	0	1	0
	CONGESTION	0	0	1	0	2	0	1	0	0	0
	EDEMA	0	0	0	0	1	0	6	0	0	0
	REDDISH	0	0	0	0	0	0	1	0	3	0
	BLACK	0	0	0	0	0	0	0	0	2	0
THORACIC CAVITY	FLUID	0	0	0	0	0	0	0	0	1	0
VENTRICLE	DILATED	0	0	0	0	1	0	0	0	0	0
	ENLARGED	0	0	0	0	0	0	1	0	0	0
ATRIUM	REDDISH	0	0	0	0	0	0	0	0	1	0
ABDOMINAL CAVITY	FLUID	0	0	0	0	0	0	0	0	1	0
LIVER	ANEMIC	0	0	0	0	2	0	3	0	0	0
	PALE	0	0	0	0	0	0	1	0	0	0
	REDDISH	0	0	0	0	0	0	0	0	2	0
SPLEEN	ANEMIC	0	0	0	0	0	0	3	0	0	0
	PALE	0	0	0	0	0	0	1	0	0	0
	BLACK PATCH/ZONE	0	0	0	0	0	0	0	0	0	0
FORESTOMACH	EROSION	0	0	0	0	0	0	1	0	0	0
GLANDULAR STOMACH	HEMORRHAGE	0	0	0	0	0	0	1	0	2	0
	RED PATCH/ZONE	0	0	1	0	0	0	1	0	0	0
	BLACK PATCH/ZONE	0	0	0	0	0	0	1	0	0	0
SMALL INTESTINE	EDEMA	0	0	0	0	0	0	0	0	0	0
	RED PATCH/ZONE	0	0	0	0	0	0	0	0	0	0
KIDNEY	EDEMA	0	0	0	0	0	0	0	0	1	0
	PALE	0	0	1	0	4	0	2	0	0	0
	REDDISH	0	0	0	0	0	0	0	0	3	0
	BLACK	0	0	0	0	0	0	0	0	1	0
URINARY BLADDER	FLUID	0	0	0	0	0	0	0	0	1	0
	PALE	0	0	0	0	0	0	0	0	1	0
	BROWN	0	0	0	0	0	0	0	0	1	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0046

SEX : MALE

DOSE LEVEL (PPM)		440	
NO. OF EXAMINED ANIMALS		10	0
ORGAN	FINDINGS	D	M
EYE	TURBID	5	0
NASAL CAVITY			
	HEMORRHAGE	0	0
THYROID	ATROPHIC	0	0
	SMALL	0	0
LUNG	HYPEREMIA	2	0
	CONGESTION	1	0
	EDEMA	0	0
	REDDISH	7	0
	BLACK	0	0
THORACIC CAVITY			
	FLUID	0	0
VENTRICLE	DILATED	0	0
	ENLARGED	0	0
ATRIUM	REDDISH	0	0
ABDOMINAL CAVITY			
	FLUID	0	0
LIVER	ANEMIC	0	0
	PALE	0	0
	REDDISH	3	0
SPLEEN	ANEMIC	0	0
	PALE	0	0
	BLACK PATCH/ZONE	1	0
FORESTOMACH			
	EROSION	0	0
GLANDULAR STOMACH			
	HEMORRHAGE	0	0
	RED PATCH/ZONE	0	0
	BLACK PATCH/ZONE	0	0
SMALL INTESTINE			
	EDEMA	4	0
	RED PATCH/ZONE	5	0
KIDNEY	EDEMA	0	0
	PALE	0	0
	REDDISH	0	0
	BLACK	0	0
URINARY BLADDER			
	FLUID	1	0
	PALE	0	0
	BROWN	0	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0046

SEX : FEMALE

DOSE LEVEL (PPM)		0		154		200		260		338	
NO. OF EXAMINED ANIMALS		0	0	0	0	8	0	10	0	10	0
ORGAN	FINDINGS	D	M	D	M	D	M	D	M	D	M
EYE	TURBID	0	0	0	0	0	0	0	0	2	0
WHOLE BODY	ANEMIC	0	0	0	0	0	0	3	0	0	0
	REDDISH	0	0	0	0	1	0	0	0	0	0
THYMUS	HEMORRHAGE	0	0	0	0	0	0	0	0	0	0
	ATROPHIC	0	0	0	0	3	0	1	0	0	0
	SMALL	0	0	0	0	1	0	1	0	0	0
LUNG	HYPEREMIA	0	0	0	0	0	0	0	0	5	0
	CONGESTION	0	0	0	0	2	0	0	0	2	0
	EDEMA	0	0	0	0	5	0	7	0	0	0
	REDDISH	0	0	0	0	1	0	1	0	2	0
VENTRICLE	DILATED	0	0	0	0	1	0	2	0	0	0
LIVER	ANEMIC	0	0	0	0	4	0	7	0	0	0
	TURBID	0	0	0	0	0	0	1	0	0	0
	PALE	0	0	0	0	0	0	2	0	0	0
	REDDISH	0	0	0	0	0	0	0	0	1	0
SPLEEN	ANEMIC	0	0	0	0	1	0	6	0	0	0
	ENLARGED	0	0	0	0	1	0	0	0	0	0
	BLACK PATCH/ZONE	0	0	0	0	1	0	0	0	2	0
FORESTOMACH	EROSION	0	0	0	0	0	0	2	0	0	0
	BROWN	0	0	0	0	0	0	1	0	0	0
GLANDULAR STOMACH	HEMORRHAGE	0	0	0	0	2	0	1	0	2	0
SMALL INTESTINE	EDEMA	0	0	0	0	0	0	0	0	5	0
	RED PATCH/ZONE	0	0	0	0	0	0	0	0	1	0
LARGE INTESTINE	EDEMA	0	0	0	0	0	0	0	0	0	0
	CONGESTION	0	0	0	0	0	0	0	0	2	0
	ANEMIC	0	0	0	0	3	0	0	0	0	0
	ENLARGED	0	0	0	0	1	0	0	0	0	0
	TURBID	0	0	0	0	1	0	0	0	0	0
	PALE	0	0	0	0	0	0	1	0	0	0
	REDDISH	0	0	0	0	0	0	5	0	0	0
	BLACK PATCH/ZONE	0	0	0	0	3	0	1	0	0	0
URINARY BLADDER	BROWN	0	0	0	0	0	0	0	0	1	0
	EDEMA	0	0	0	0	0	0	0	0	5	0
	SMALL	0	0	0	0	0	0	1	0	0	0

D: DEAD M: MORIBUND

TABLE SUMMARY OF GROSS FINDINGS (DEAD OR MORIBUND)

STUDY NO. : 0046

SEX : FEMALE

DOSE LEVEL (PPM)		440	
NO. OF EXAMINED ANIMALS		10	0
ORGAN	FINDINGS	D	M
EYE	TURBID	0	0
WHOLE BODY	ANEMIC	0	0
	REDDISH	0	0
THYMUS	HEMORRHAGE	1	0
	ATROPHIC	0	0
	SMALL	0	0
LUNG	HYPEREMIA	7	0
	CONGESTION	0	0
	EDEMA	0	0
VENTRICLE	REDDISH	2	0
	DILATED	0	0
LIVER	ANEMIC	0	0
	TURBID	0	0
	PALE	0	0
	REDDISH	4	0
SPLEEN	ANEMIC	0	0
	ENLARGED	0	0
	BLACK PATCH/ZONE	1	0
FORESTOMACH	EROSION	0	0
	BROWN	0	0
GLANDULAR STOMACH	HEMORRHAGE	0	0
SMALL INTESTINE	EDEMA	3	0
	RED PATCH/ZONE	0	0
LARGE INTESTINE	EDEMA	3	0
KIDNEY	CONGESTION	0	0
	ANEMIC	0	0
	ENLARGED	0	0
	TURBID	0	0
	PALE	0	0
	REDDISH	0	0
	BLACK PATCH/ZONE	0	0
URINARY BLADDER	BROWN	0	0
UTERUS	EDEMA	4	0
	SMALL	0	0

D: DEAD M: MORIBUND

付録表D - 30

肉眼所見・総括表

(マウス・2週間試験・定期解剖動物)

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0046

SEX : MALE

DOSE LEVEL (PPM)		0	154	200	260	338
NO. OF EXAMINED ANIMALS		10	9	5	1	0
ORGAN	FINDINGS					
THYMUS	ATROPHIC	0	5	5	1	0
LIVER	ANEMIC	1	0	3	1	0
	ATROPHIC	0	0	1	0	0
	YELLOWISH	0	0	2	0	0
GALL BLADDER	SMALL	0	0	1	0	0
SPLEEN	ANEMIC	0	0	1	0	0
	BLACK	1	1	0	0	0
KIDNEY	ANEMIC	5	3	0	1	0
	BLACK PATCH/ZONE	0	0	4	1	0

TABLE SUMMARY OF GROSS FINDINGS (SACRIFICED AT 14 DAY)

STUDY NO. : 0046

SEX : MALE

DOSE LEVEL (PPM)	NO. OF EXAMINED ANIMALS	
	440	
ORGAN	FINDINGS	
THYMUS	ATROPHIC	0
LIVER	ANEMIC	0
	ATROPHIC	0
	YELLOWISH	0
GALL BLADDER	SMALL	0
SPLEEN	ANEMIC	0
	BLACK	0
KIDNEY	ANEMIC	0
	BLACK PATCH/ZONE	0