

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 50 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2149	SCHEDULED	105-7	stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,' 0'
			thyroid	NON-REMARKABLE
			parathyroid	hyperplasia,<1>
			panc islet	adenoma,' 0'
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
periph nerv	NON-REMARKABLE			
eye	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2149	SCHEDULED	105-7	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2150	SCHEDULED	105-7	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	granulation,<1>
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
small intes	NON-REMARKABLE			
large intes	NON-REMARKABLE			
liver	NON-REMARKABLE			

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2150	SCHEDULED	105-7	pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,' 0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	duct ectasia,<2>//fibroadenoma,' 0'
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2201	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<3>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	bronchiolar-alveolar carcinoma,'0'
			bone marrow	granulation,<1>
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2201	SCHEDULED	105-1	pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	osteosclerosis,<1>			
2202	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<3>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	metastasis:adrenal tumor,<1>

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

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Animal ID-NO.	Death information	Time of Examination Week-Day	Organ	Findings
2202	SCHEDULED	105-1	bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>//granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,' 0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	pheochromocytoma:malignant,' 0'
			ovary	NON-REMARKABLE

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death information	Time of Examination Week-Day	Organ	Findings
2202	SCHEDULED	105-1	uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2203	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<4>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	granulation,<1>
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
spleen	NON-REMARKABLE			
heart	NON-REMARKABLE			

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105#)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2203	SCHEDULED	105-1	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	mixed cell focus,<1>//granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE

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 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2203	SCHEDULED	105-1	periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2204	MORIBUND	89-5	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<1>//thrombus,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,' 4'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	ulcer:forestomach,<2>//ulcer:glandular stomach,<1>
small intes	NON-REMARKABLE			

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 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2204	MORIBUND	89-5	Large intes	NON-REMARKABLE
			liver	Leukemic cell infiltration,<1>,with,necrosis
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE

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 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2204	KORIBUND	89-5		
			Cause of Death	tumor death:leukemia
2205	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>//thrombus,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	Leukemic cell infiltration,<1>
			bone marrow	Leukemic cell infiltration,<1>
			Lymph node	Leukemic cell infiltration,<1>
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,' 0'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	Leukemic cell infiltration,<1>

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2205	SCHEDULED	105-1	pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,' 0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	hyperplasia:medulla,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
Harder gl	NON-REMARKABLE			
muscle	NON-REMARKABLE			
bone	NON-REMARKABLE			
2206	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<3>

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2206	SCHEDULED	105-1	Larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			Lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
urin bladd	NON-REMARKABLE			
pituitary	cyst,<1>//hyperplasia,<1>			
thyroid	NON-REMARKABLE			

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2206	SCHEDULED	105-1	parathyroid	NON-REMARKABLE
			adrenal	peliosis-like lesion,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2207	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2207	SCHEDULED	105-1	thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	basophilic cell focus,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	pheochromocytoma,'0'
			ovary	NON-REMARKABLE
			uterus	endometrial stromal polyp,'0'
vagina	NON-REMARKABLE			

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 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2207	SCHEDULED	105-i	mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
2208	DEAD	92-7	bone	NON-REMARKABLE
			skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	metastasis:uterus tumor,<2>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'2'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2208	DEAD	92-7	esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	C-cell adenoma,'1'
			parathyroid	NON-REMARKABLE
			adrenal	hyperplasia:cortical cell,<1>
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<2>//osteogenic sarcoma,'3'
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
spinal cord	NON-REMARKABLE			
periph nerv	NON-REMARKABLE			
eye	NON-REMARKABLE			

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 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2208	DEAD	92-7	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:uterus
2209	DEAD	103-7	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	congestion,<1>,diffuse
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
small intes	adenoma,'4'			

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 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2209	DEAD	103-7	large intes	NON-REMARKABLE
			Liver	mixed cell focus,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			liver gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE

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 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2209	DEAD	103-7		
			Cause of Death	tumor death:small intestine
2210	HORIBUND	90-4	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			Lung	Leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	fibrosis,<1>,focal//mononuclear cell leukemia,'4'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	ulcer:forestomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	leukemic cell infiltration,<1>

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-1050)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2210	MORIBUND	90-4	pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>//glomerulosclerosis,<1>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<2>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>//retinal atrophy,<3>
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:leukemia

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 572

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2211	SCHEDULED	105-4	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 573

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2211	SCHEDULED	105-4	pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<1>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
2212	SCHEDULED	105-4	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2212	SCHEDULED	105-4	bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<2>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2212	SCHEDULED	105-4	uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2213	MORIBUND	91-7	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<1>//thrombus,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	leukemic cell infiltration,<1>
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'4'
			heart	thrombus,<1>,left atrium

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2213	MORIBUND	91-7	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	mixed cell focus,<1>//leukemic cell infiltration,<2>,with,necrosis
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	peliosis-like lesion,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2213	MORIBUND	91-7	periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:leukemia
2214	MORIBUND	89-5	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			Lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2214	MORIBUND	89-5	stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,' 4'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	hyperplasia,<1>
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	degeneration:cornea,<1>
			Harder gl	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2214	MORTIBUND	89-5	muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:pituitary gland
2215	SCHEDULED	105-4	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
stomach	NON-REMARKABLE			
small intes	NON-REMARKABLE			
large intes	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2215	SCHEDULED	105-4	Liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	cortical adenoma,'0'
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
Harder gl	NON-REMARKABLE			
muscle	NON-REMARKABLE			
bone	NON-REMARKABLE			
2216	SCHEDULED	105-4	skin/app	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2216	SCHEDULED	105-4	nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'0'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2216	SCHEDULED	105-4	thyroid	follicular adenocarcinoma,'0'
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<2>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2217	NON-IBUND	84-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : Q104
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2217	HORIBUND	84-1	Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'1'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2217	NORIBUND	84-1	vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	glioma,'4'
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:brain
2218	SCHEDULED	105-4	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2218	SCHEDULED	105-4	heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<1>
vagina	NON-REMARKABLE			
mammary gl	NON-REMARKABLE			
brain	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2218	SCHEDULED	105-4	spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2219	SCHEDULED	105-4	skin/app	NON-REMARKABLE
			subcutis	fibroma,'0'
			nasal cavit	eosinophilic change:respiratory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'0'
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2219	SCHEDULED	105-4	stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary.	adenoma,'0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	fibroadenoma,'0'
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2219	SCHEDULED	105-4	muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2220	SCHEDULED	105-4	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:respiratory epithelium,<1>/ eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2220	SCHEDULED	105-4	pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
muscle	NON-REMARKABLE			
bone	NON-REMARKABLE			
2221	SCHEDULED	105-5	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:olfactory epithelium,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2221	SCHEDULED	105-5	larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
urin bladd	NON-REMARKABLE			
pituitary	adenoma,'0'			
thyroid	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2221	SCHEDULED	105-5	parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	retinal atrophy,<2>
			liver gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2222	DEAD	79-7	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	congestion,<1>,diffuse
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2222	DEAD	79-7	thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis, <2>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia: forestomach, <2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	endometrial stromal sarcoma, '4'
			vagina	NON-REMARKABLE

(): Comment <1>: Slight <2>: Moderate <3>: Marked <4>: Severe ' ': Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2222	DEAD	79-7	mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:uterus
2223	HORIBUND	104-7	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	leukemic cell infiltration,<1>
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'4'
			heart	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2223	NORIBUND	104-7	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	cortical adenoma,'1'
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2223	NORIBUND	104-7	periph nerv	NON-REMARKABLE
			eye	hemorrhage:retina,<1>
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:leukemia
2224	SCHEDULED	105-5	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2224	SCHEDULED	105-5	stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 597

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2224	SCHEDULED	105-5	muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2225	SCHEDULED	105-5	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
large intes	NON-REMARKABLE			
Liver	bile duct hyperplasia,<1>			
pancreas	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death information	Time of Examination Week-Day	Organ	Findings
2225	SCHEDULED	105-5	kidney	chronic nephropathy, <3>//hyperplasia:tubular epithelial cell, <1>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma, '0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex, <1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
muscle	NON-REMARKABLE			
2226	SCHEDULED	105-5	bone	NON-REMARKABLE
			skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium, <1>//eosinophilic change:olfactory epithelium, <1>
			larynx	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2226	SCHEDULED	105-5	trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death information	Time of Examination Week-Day	Organ	Findings
2226	SCHEDULED	105-5	adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			2227	SCHEDULED
nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:respiratory epithelium,<1>/ eosinophilic change:olfactory epithelium,<1>			
larynx	NON-REMARKABLE			
trachea	NON-REMARKABLE			
lung	NON-REMARKABLE			
bone marrow	NON-REMARKABLE			
lymph node	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-105W)

PAGE : 601

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2227	SCHEDULED	105-5	thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<4>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,' 0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2227	SCHEDULED	105-5	mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
2228	DEAD	101-2	bone	NON-REMARKABLE
			skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-105W)

PAGE : 603

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2228	DEAD	101-2	esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>//hemorrhage,<3>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe * :Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2228	DEAD	101-2	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	renal lesion
2229	DEAD	69-4	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<3>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
small intes	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 605

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2229	DEAD	69-4	large intes	NON-REMARKABLE
			Liver	necrosis:centeral,<1>
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	endometrial stromal sarcoma,'4'
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2229	DEAD	69-4	peritoneum	metastasis:uterus tumor,<2>
			Cause of Death	tumor death:uterus
2230	SCHEDULED	105-5	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2230	SCHEDULED	105-5	pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<4>
			urin bladd	NON-REMARKABLE
			pituitary	adenocarcinoma,'0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	duct ectasia,<2>
			brain	metastasis:pituitary tumor,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			liver gl	degeneration,<2>
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
2231	SCHEDULED	105-6	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:respiratory epithelium,<1>//

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2231	SCHEDULED	105-6		eosinophilic change: olfactory epithelium, <2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia: forestomach, <2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	mixed cell focus, <1> // granulation, <1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy, <2>
			urin bladd	NON-REMARKABLE

(): Comment <1>: Slight <2>: Moderate <3>: Marked <4>: Severe : Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2231	SCHEDULED	105-6	pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
2232	SCHEDULED	105-6	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:respiratory epithelium,<2>// eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2232	SCHEDULED	105-6	Lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	leukemic cell infiltration,<2>
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'0'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	bile duct hyperplasia,<2>//hepatocellular adenoma,'0' //leukemic cell infiltration,<2>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0' //leukemic cell infiltration,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2232	SCHEDULED	105-6	ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	degeneration:cornea,<1>
			liver gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
2233	SCHEDULED	105-6	bone	NON-REMARKABLE
			skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-105W)

PAGE : 612

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2233	SCHEDULED	105-6	heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	basophilic cell focus,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,' 0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	hyperplasia:cortical cell,<2>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2233	SCHEDULED	105-6	spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2234	SCHEDULED	105-6	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	fibrosis,<1>,focal//mononuclear cell leukemia,'0'
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2234	SCHEDULED	105-6	small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	Leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	hyperplasia:cortical cell,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2234	SCHEDULED	105-6	bone	NON-REMARKABLE
			Cause of Death	tumor death:leukemia
2235	DEAD	96-7	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//thrombus,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	atrophy,<1>,diffuse
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'4'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	ulcer:forestomach,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	leukemic cell infiltration,<3>,with,necrosis

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-105W)

PAGE : 616

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2235	DEAD	96-7	pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE

Cause of Death tumor death:Leukemia

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2236	SCHEDULED	105-6	skin/app	NON-REMARKABLE
			nasal cavity	inflammation:foreign body,<2>,respiratory epithelium//eosinophilic change:respiratory epithelium,<1>// eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2236	SCHEDULED	105-6	urin bladd	NON-REMARKABLE
			pituitary	adenoma, '0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body, <1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
2237	SCHEDULED	105-6	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body, <1>,respiratory epithelium//eosinophilic change:olfactory epithelium, <1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2237	SCHEDULED	105-6	Lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	NON-REMARKABLE
			pancreas	atrophy, <1>
			kidney	chronic nephropathy, <2>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
thyroid	NON-REMARKABLE			
parathyroid	NON-REMARKABLE			
adrenal	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 620

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2237	SCHEDULED	105-6	ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<2>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
2238	DEAD	95-3	bone	NON-REMARKABLE
			skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	infiltration:alveolar macrophage,<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2238	DEAD	95-3	heart	thrombus,<1>,left atrium
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	necrosis:central,<1>
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	adenoma,'4'

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2238	DEAD	95-3	brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:preputial/clitoral gland
2239	SCHEDULED	105-6	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:respiratory epithelium,<1>// eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	lymphadenitis,<1>
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 623

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2239	SCHEDULED	105-6	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<1>//hyperplasia:cortical cell,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2239	SCHEDULED	105-6	periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
2240	SCHEDULED	105-6	bone	NON-REMARKABLE
			skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:respiratory epithelium,<1>// eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			Lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
stomach	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 625

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2240	SCHEDULED	105-6	small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<4>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<1>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe :Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2240	SCHEDULED	105-6	bone	NON-REMARKABLE
2241	MORIBUND	74-2	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//thrombus,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	leukemic cell infiltration,<1>
			thymus	NON-REMARKABLE
			spleen	fibrosis,<1>,focal//mononuclear cell leukemia,'4'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	erosion:glandular stomach,<1>//ulcer:forestomach,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	mixed cell focus,<1>//leukemic cell infiltration,<1>,with,necrosis
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 627

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2241	MORIBUND	74-2	urin bladd	NON-REMARKABLE
			pituitary	adenoma.'1'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<2>//endometrial stromal polyp.'1'
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
		Cause of Death	tumor death: leukemia	
2242	SCHEDULED	105-7	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium.<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2242	SCHEDULED	105-7	larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2242	SCHEDULED	105-7	parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			2243	MORIBUND
nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<1>			
larynx	NON-REMARKABLE			
trachea	NON-REMARKABLE			
lung	leukemic cell infiltration,<1>			
bone marrow	granulation,<1>			
lymph node	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-105W)

PAGE : 630

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2243	MORIBUND	102-6	thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,' 3'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	ulcer:forestomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	leukemic cell infiltration,<1>,with,necrosis
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,' 2'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 631

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2243	HORIBUND	102-6	mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death: leukemia
2244	SCHEDULED	105-7	skin/app	NON-REMARKABLE
			nasal cavity	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-105W)

PAGE : 632

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2244	SCHEDULED	105-7	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	adenoma,' 0'
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 633

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2244	SCHEDULED	105-7	periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2245	SCHEDULED	105-7	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<3>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	granulation,<1>
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
small intes	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2245	SCHEDULED	105-7	large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>/hyperplasia,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe :Context

STUDY NO. : Q104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 635

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2246	DEAD	70-5	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:respiratory epithelium,<1>// eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	congestion,<1>,diffuse
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 636

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2246	DEAD	70-5	urin bladd	NON-REMARKABLE
			pituitary	adenoma,'4'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	hyperplasia:cortical cell,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
muscle	NON-REMARKABLE			
bone	NON-REMARKABLE			
			Cause of Death	tumor death:pituitary gland
2247	SCHEDULED	105-7	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//thrombus,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe :Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 637

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2247	SCHEDULED	105-7	larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	leukemic cell infiltration,<1>
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'0'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	erosion:glandular stomach,<2>//leukemic cell infiltration,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	leukemic cell infiltration,<1>,with,necrosis
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : AI
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2247	SCHEDULED	105-7	parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<1>
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<1>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hemorrhage,<1>//hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	hemorrhage:retina,<1>
			liver gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2248	SCHEDULED	105-7	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:respiratory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	granulation,<1>
			Lymph node	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe :Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2248	SCHEDULED	105-7	thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>//fibrosis,<1>,focal//mononuclear cell leukemia,'0'
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0',intermediate area
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death information	Time of Examination Week-Day	Organ	Findings
2248	SCHEDULED	105-7	mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2249	SCHEDULED	105-7	skin/app	NON-REMARKABLE
			subcutis	fibroma, '0'
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis, <1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 641

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2249	SCHEDULED	105-7	salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2249	SCHEDULED	105-7	eye	NON-REMARKABLE
			Harder gl	degeneration,<2>
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2250	SCHEDULED	105-7	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

PAGE : 643

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2250	SCHEDULED	105-7	Liver	necrosis:focal,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	peliosis-like lesion,<1>
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<1>
			vagina	NON-REMARKABLE
			mammary gl	hyperplasia,<1>
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2301	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:respiratory epithelium,<1>// eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	vacuolated cell focus,<2>//hyperplasia,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<4>//nuclear enlargement:proximal tubule,<1>,straight portion

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 645

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2301	SCHEDULED	105-1	urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	pheochromocytoma, 0'
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			liver gl	NON-REMARKABLE
muscle	NON-REMARKABLE			
2302	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<2>//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2302	SCHEDULED	105-1	Lung	bronchiolar-alveolar cell hyperplasia,<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	bile duct hyperplasia,<1>//granulation,<2>
			pancreas	atrophy,<1>//hyperplasia:acinar cell,<1>
			kidney	chronic nephropathy,<2>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 647

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2302	SCHEDULED	105-1	ovary	NON-REMARKABLE
			uterus	endometrial stromal polyp,'0'
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
2303	SCHEDULED	105-1	bone	NON-REMARKABLE
			skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:respiratory epithelium,<1>// eosinophilic change:olfactory epithelium,<3>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2303	SCHEDULED	105-1	spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<1>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 649

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2303	SCHEDULED	105-1	brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	osteosclerosis,<1>
2304	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<3>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2304	SCHEDULED	105-1	stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>/herniation,<1>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<3>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
spinal cord	NON-REMARKABLE			
periph nerv	NON-REMARKABLE			
eye	NON-REMARKABLE			
harder gl	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 651

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2304	SCHEDULED	105-1	muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
2305	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	metastasis:adrenal tumor,<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'0'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
small intes	NON-REMARKABLE			
large intes	NON-REMARKABLE			
liver	bile duct hyperplasia,<1>//herniation,<1>//leukemic cell infiltration,<1>			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 652

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2305	SCHEDULED	105-1	pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	pheochromocytoma:malignant,'0'
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<1>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
muscle	NON-REMARKABLE			
bone	NON-REMARKABLE			
2306	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<3>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2306	SCHEDULED	105-1	larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	granulation,<1>
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<2>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
urin bladd	NON-REMARKABLE			
pituitary	cyst,<1>			
thyroid	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2306	SCHEDULED	105-i	parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hemorrhage,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			liver gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2307	SCHEDULED	105-i	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1054)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2307	SCHEDULED	105-1	thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'0'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>//leukemic cell infiltration,<1>,with,necrosis
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2307	SCHEDULED	105-1	mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2308	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2308	SCHEDULED	105-1	esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	cortical adenoma,'0'
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph neru	NON-REMARKABLE
			eye	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2308	SCHEDULED	105-1	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2309	MORBUND	100-4	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:respiratory epithelium,<1>//thrombus,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
stomach	NON-REMARKABLE			
small intes	NON-REMARKABLE			
large intes	NON-REMARKABLE			
liver	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death information	Time of Examination Week-Day	Organ	Findings
2309	NORIBUND	100-4	pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'4'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<2>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	degeneration:cornea,<1>
			liver gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death tumor death:pituitary gland	

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2310	SCHEDULED	105-i	skin/app	NON-REMARKABLE
			nasal cavity	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:respiratory epithelium,<1>// eosinophilic change:olfactory epithelium,<3>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2310	SCHEDULED	105-1	urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>//retinal atrophy,<3>//degeneration:cornea,<1>
			harder gl	granulation,<1>
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
2311	SCHEDULED	105-4	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2311	SCHEDULED	105-4	Lung	NON-REMARKABLE
			bone marrow	granulation,<1>
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	bile duct hyperplasia,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2311	SCHEDULED	105-4	ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<1>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2312	DEAD	93-3	skin/app	NON-REMARKABLE
			subcutis	fibroma,'4'
			nasal cavit	inflammation:foreign body,<2>,respiratory epithelium
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 664

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2312	DEAD	93-3	spleen	extramedullary hematopoiesis,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	necrosis:centeral,<1>
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2312	DEAD	93-3	brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:subcutis
2313	SCHEDULED	105-4	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'0'
			heart	NON-REMARKABLE
tongue	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2313	SCHEDULED	105-4	salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	bile duct hyperplasia,<1>//vacuolated cell focus,<1>//leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<1>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2313	SCHEDULED	105-4	eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2314	SCHEDULED	105-4	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
small intes	NON-REMARKABLE			
large intes	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2314	SCHEDULED	105-4	liver	bile duct hyperplasia,<1>//granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
Harder gl	NON-REMARKABLE			
muscle	NON-REMARKABLE			
bone	NON-REMARKABLE			
2315	SCHEDULED	105-4	skin/app	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe :Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2315	SCHEDULED	105-4	nasal cavity	eosinophilic change:respiratory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	granulation,<1>
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>//nuclear enlargement:proximal tubule,<1>,straight portion
			ur in bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2315	SCHEDULED	105-4	thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2316	SCHEDULED	105-4	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2316	SCHEDULED	105-4	Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	clear cell focus,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<1>
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<2>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2316	SCHEDULED	105-4	vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			liver gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
2317	SCHEDULED	105-4	bone	NON-REMARKABLE
			skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
tongue	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 673

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2317	SCHEDULED	105-4	salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
mammary gl	NON-REMARKABLE			
brain	NON-REMARKABLE			
spinal cord	NON-REMARKABLE			
periph nerv	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2317	SCHEDULED	105-4	eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2318	SCHEDULED	105-4	skin/app	NON-REMARKABLE
			nasal cavity	eosinophilic change:respiratory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
stomach	NON-REMARKABLE			
small intes	NON-REMARKABLE			
large intes	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death information	Time of Examination Week-Day	Organ	Findings
2318	SCHEDULED	105-4	Liver	bile duct hyperplasia,<1>//herniation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
Harder gl	NON-REMARKABLE			
muscle	NON-REMARKABLE			
bone	NON-REMARKABLE			
2319	SCHEDULED	105-4	skin/app	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 676

Animal ID-NO.	Death information	Time of Examination Week-Day	Organ	Findings
2319	SCHEDULED	105-4	subcutis	fibroma,'0'
			nasal cavit	papilloma,'0'
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<4>
			urin bladd	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 677

Animal ID-NO.	Death information	Time of Examination Week-Day	Organ	Findings
2319	SCHEDULED	105-4	pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
2320	SCHEDULED	105-4	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	bronchiolar-alveolar cell hyperplasia,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2320	SCHEDULED	105-4	bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	C-cell adenoma,'0'
			parathyroid	NON-REMARKABLE
			adrenal	hyperplasia:medulla,<1>
			ovary	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-105W)

PAGE : 679

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2320	SCHEDULED	105-4	uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2321	SCHEDULED	105-5	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'0'
			heart	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 680

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2321	SCHEDULED	105-5	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>//leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<1>//pheochromocytoma,'0'
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2321	SCHEDULED	105-5	periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2322	SCHEDULED	105-5	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'0'
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
small intes	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2322	SCHEDULED	105-5	large intes	NON-REMARKABLE
			Liver	leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	endometrial stromal polyp,'0'
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2323	NORIBUND	93-6	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>//thrombus,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	leukemic cell infiltration,<1>
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'4'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	erosion:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	fatty change,<2>,portal region//leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2323	HORIBUND	93-6	pituitary	NON-REMARKABLE
			thyroid	C-cell carcinoma, '1'
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	endometrial stromal polyp, '1', with hemorrhage
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body, <1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
		Cause of Death	tumor death: leukemia	
2324	HORIBUND	81-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change: respiratory epithelium, <1>
			larynx	NON-REMARKABLE

(): Comment <1>: Slight <2>: Moderate <3>: Marked <4>: Severe ' ': Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2324	NORIBUND	81-1	trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'4'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	ulcer:forestomach,<1>//ulcer:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	necrosis:centeral,<2>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2324	NORIBUND	81-i	adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:leukemia
2325	SCHEDULED	105-5	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2325	SCHEDULED	105-5	Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2325	SCHEDULED	105-5	vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:leukemia
2326	SCHEDULED	105-5	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:olfactory epithelium,<2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	granulation,<1>
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
spleen	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe * :Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2326	SCHEDULED	105-5	heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<2>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
vagina	NON-REMARKABLE			
mammary gl	NON-REMARKABLE			
brain	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2326	SCHEDULED	105-5	spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>//retinal atrophy,<3>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2327	SCHEDULED	105-5	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	granulation,<1>
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2327	SCHEDULED	105-5	small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<2>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>//hyperplasia,<1>
			thyroid	C-cell adenoma,'0'
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
eye	NON-REMARKABLE			
Harder gl	NON-REMARKABLE			
muscle	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2327	SCHEDULED	105-5	bone	NON-REMARKABLE
2328	HORIBUND	100-4	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<2>,respiratory epithelium//eosinophilic change:respiratory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	lymphadenitis,<1>
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,' 4'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	ulcer:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	bile duct hyperplasia,<1>//leukemic cell infiltration,<2>,with,necrosis
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2328	HORIBUND	100-4	urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	mineralization,<1>/hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
			Cause of Death	tumor death: leukemia
2329	HORIBUND	86-7	skin/app	NON-REMARKABLE
			nasal cavit	thrombus,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-105W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2329	HORIBUND	86-7	larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	atrophy,<1>,diffuse
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'4'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	ulcer:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	leukemic cell infiltration,<1>,with,necrosis
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'1'
			thyroid	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 695

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2329	HORIBUND	86-7	parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hemorrhage,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
				Cause of Death
2330	SCHEDULED	105-5	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			Lung	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 696

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2330	SCHEDULED	105-5	bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>//adenoma,' 0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 697

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2330	SCHEDULED	105-5	uterus	cystic endometrial hyperplasia,<1>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hemorrhage,<1>//mineralization,<1>//hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2331	DEAD	79-7	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//thrombus,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 698

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2331	DEAD	79-7	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	ulcer:glandular stomach,<1>//hyperplasia:forestomach,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<4>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,' 4'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	necrosis,<2>,cortex
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	duct ectasia,<1>
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2331	DEAD	79-7	periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:pituitary gland
2332	SCHEDULED	105-6	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-105#)

PAGE : 700

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2332	SCHEDULED	105-6	stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<4>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 701

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2332	SCHEDULED	105-6	muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2333	HORIBUND	103-2	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'4'
			heart	myocardial fibrosis,<1>//thrombus,<1>,left atrium
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	ulcer:forestomach,<3>
			small intes	NON-REMARKABLE
large intes	NON-REMARKABLE			
liver	leukemic cell infiltration,<1>,with,necrosis			
pancreas	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105#)

PAGE : 702

Animal ID-NO.	Death information	Time of Examination Week-Day	Organ	Findings
2333	MORIBUND	103-2	kidney	chronic nephropathy,<1>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	necrosis,<2>,cortex
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<1>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>//retinal atrophy,<3>
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
			Cause of Death	tumor death:Leukemia
2334	SCHEDULED	105-6	skin/app	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 703

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2334	SCHEDULED	105-6	nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0'

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

PAGE : 704

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2334	SCHEDULED	105-6	thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2335	HORIBUND	103-6	skin/app	NON-REMARKABLE
			nasal cavit	thrombus,<1>
			larynx	NOT-EXAMINE
			trachea	NOT-EXAMINE
			lung	leukemic cell infiltration,<1>
			bone marrow	leukemic cell infiltration,<3>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 705

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2335	HORIBUND	103-6	Lymph node	leukemic cell infiltration,<1>
			thymus	NOT-EXAMINE
			spleen	mononuclear cell leukemia, ² 4'
			heart	NON-REMARKABLE
			tongue	NOT-EXAMINE
			salivary gl	NON-REMARKABLE
			esophagus	NOT-EXAMINE
			stomach	hyperplasia:forestomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	leukemic cell infiltration,<2>,with,necrosis
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>//leukemic cell infiltration,<1>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NOT-EXAMINE
			parathyroid	NOT-EXAMINE
			adrenal	leukemic cell infiltration,<2>
			ovary	leukemic cell infiltration,<3>
			uterus	leukemic cell infiltration,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 706

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2335	MORIBUND	103-6	vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	Leukemic cell infiltration,<1>
			spinal cord	necrosis,<2>,with,hemorrhage
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	Leukemic cell infiltration,<1>
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:leukemia
2336	MORIBUND	100-5	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<2>//eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'4'//granulation,<4>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 707

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2336	HORBUND	100-5	heart	thrombus,<1>,left atrium
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	ulcer:glandular stomach,<1>//hyperplasia:forestomach,<1>
			small intes	NON-REMARKABLE
			large intes	ulcer,<2>
			liver	leukemic cell infiltration,<3>,with,necrosis
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	hyperplasia:medulla,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2336	HORIBUND	100-5	spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death: leukemia
2337	DEAD	91-7	skin/app	papilloma, '1'
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration, <1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia, '3'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
salivary gl	NON-REMARKABLE			

(): Comment <1>: Slight <2>: Moderate <3>: Marked <4>: Severe ' ': Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 709

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2337	DEAD	91-7	esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	hyperplasia:medulla,<1>
			ovary	NON-REMARKABLE
			uterus	schwannoma:malignant,'2'
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
spinal cord	NON-REMARKABLE			
periph nerv	NON-REMARKABLE			
eye	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
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GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 710

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2337	DEAD	91-7	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death: leukemia
2338	SCHEDULED	105-6	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
stomach	NON-REMARKABLE			
small intes	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 711

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2338	SCHEDULED	105-6	large intes	NON-REMARKABLE
			Liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy, <2>
			urin bladd	NON-REMARKABLE
			pituitary	cyst, <2>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2339	SCHEDULED	105-6	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	Leukemic cell infiltration,<2>
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'0'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>//leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2339	SCHEDULED	105-6	pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<1>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
2340	SCHEDULED	105-6	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

PAGE : 714

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2340	SCHEDULED	105-6	bone marrow	reticulosis,<1>
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<2>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 715

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2340	SCHEDULED	105-6	uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<3>//retinal atrophy,<3>//degeneration:cornea,<1>
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2341	DEAD	84-2	skin/app	NON-REMARKABLE
			nasal cavit	thrombus,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	lymphadenitis,<1>
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'4'
			heart	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 716

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2341	DEAD	84-2	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	ulcer:glandular stomach,<1>//hyperplasia:forestomach,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	mixed cell focus,<1>//leukemic cell infiltration,<2>,with,necrosis
			pancreas	NON-REMARKABLE
			kidney	renal cell carcinoma,'1'
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'1'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	cystic endometrial hyperplasia,<1>
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2341	DEAD	84-2	periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death: leukemia
2342	SCHEDULED	105-7	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change: respiratory epithelium, <2> // eosinophilic change: olfactory epithelium, <2>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin, <1>
			heart	myocardial fibrosis, <1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
esophagus	NON-REMARKABLE			

(): Comment <1>: Slight <2>: Moderate <3>: Marked <4>: Severe ' ': Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 718

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2342	SCHEDULED	105-7	stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,' 0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	hyperplasia:medulla,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 719

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2342	SCHEDULED	105-7	muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2343	HORIBUND	97-4	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	granulation,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	ulcer:forestomach,<2>//hyperplasia:forestomach,<1>
small intes	NON-REMARKABLE			
large intes	NON-REMARKABLE			
liver	fatty change,<1>,portal region			
pancreas	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

PAGE : 720

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2343	HORIBUND	97-4	kidney	chronic nephropathy,<3>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'4'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
muscle	NON-REMARKABLE			
bone	NON-REMARKABLE			
			Cause of Death	tumor death:pituitary gland
2344	SCHEDULED	105-7	skin/app	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 721

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2344	SCHEDULED	105-7	nasal cavit	eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<1>
			Larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	endocardial hyperplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>,straisht portion
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

Animal ID-NO.	Death information	Time of Examination Week-Day	Organ	Findings
2344	SCHEDULED	105-7	thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2345	MORBUND	70-4	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2345	HORIBUND	70-4	lymph node	leukemic cell infiltration,<1>
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'4'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 724

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2345	KORIBUND	70-4	vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	necrosis,<2>,with,hemorrhage
			periph nerv	NON-REMARKABLE
			eye	hemorrhage:retina,<1>
			liver gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:leukemia
2346	DEAD	102-4	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	hamartoma,'1',lymph node//mononuclear cell leukemia,'3'

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 725

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2346	DEAD	102-4	heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	erosion:glandular stomach,<1>//ulcer:forestomach,<2>//hyperplasia:forestomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,' 2'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	leukemic cell infiltration,<2>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105N)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2346	DEAD	102-4	spinal cord	hemorrhage,<1>
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death:leukemia
2347	SCHEDULED	105-7	skin/app	NON-REMARKABLE
			nasal cavit	inflammation:foreign body,<1>,respiratory epithelium//eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE
			bone marrow	granulation,<1>
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 727

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2347	SCHEDULED	105-7	esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>//nuclear enlargement:proximal tubule,<1>,straight portion
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 728

Animal ID-NO.	Death information	Time of Examination Week-Day	Organ	Findings
2347	SCHEDULED	105-7	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
2348	SCHEDULED	105-7	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	granulation,<1>//mononuclear cell leukemia,'0'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
stomach	NON-REMARKABLE			
small intes	NON-REMARKABLE			
large intes	NON-REMARKABLE			
Liver	bile duct hyperplasia,<1>//leukemic cell infiltration,<1>			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

4

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 729

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2348	SCHEDULED	105-7	pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	focal fatty change:cortex,<1>
			ovary	NON-REMARKABLE
			uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	retinal atrophy,<2>
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
2349	MORIBUND	101-6	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

PAGE : 730

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2349	HORIBUND	101-6	larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	leukemic cell infiltration,<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'3'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'2'
			thyroid	C-cell hyperplasia,<1>

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-105W)

PAGE : 731

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2349	MORBUND	101-6	parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE
			uterus	leukemic cell infiltration,<2>
			vagina	leukemic cell infiltration,<2>
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>//retinal atrophy,<3>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
				Cause of Death
2350	SCHEDULED	105-7	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:olfactory epithelium,<1>
			larynx	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-1050)

PAGE : 732

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2350	SCHEDULED	105-7	bone marrow	granulation,<1>
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	C-cell adenoma,'0'
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			ovary	NON-REMARKABLE

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

STUDY NO. : 0104
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 600 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-105W)

PAGE : 733

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2350	SCHEDULED	105-7	uterus	NON-REMARKABLE
			vagina	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			

():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

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