

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1201	DEAD	63-2	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung/branch	congestion,<2>
			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:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	fatty change,<3>,central//hepatocellular adenoma,'1'//hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
urin bladd	NON-REMARKABLE			
pituitary	NON-REMARKABLE			

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

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1201	DEAD	63-2	thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
	Cause of Death	tumor death (LIVER TUMOR)		
1202	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium,nasal gland
			trachea	NON-REMARKABLE
			lung/branch	bronchiolar-alveolar carcinoma,'0'//metastasis:liver tumor,<3>

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

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1202	SCHEDULED	105-1	bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	follicular hyperplasia,<1>
			heart	endothelial cell hyperplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>//eosinophilic change:glandular stomach,<1>//erosion:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE

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

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1202	SCHEDULED	105-1	semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	inflammation,<1>
			brain	deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	adenoma,'0'
			muscle	NON-REMARKABLE
1203	DEAD	97-2	bone	NON-REMARKABLE
			skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung/branch	leukemic cell infiltration,<3>
			bone marrow	NON-REMARKABLE
			Lymph node	malignant lymphoma,'4'
			thymus	NON-REMARKABLE
			spleen	leukemic cell infiltration,<3>
			heart	NON-REMARKABLE

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

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 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1203	DEAD	97-2	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular adenoma,'1'
			pancreas	NON-REMARKABLE
			kidney	degeneration:tubulus,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'1'
			thyroid	NON-REMARKABLE
			adronal	NON-REMARKABLE
			testis	mineralization,<1>//atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE

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

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 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1203	DEAD	97-2	periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	mineralization,<1>
			bone	NON-REMARKABLE
			Cause of Death	tumor death (LEUKEMIA)
1204	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			subcutis	hemangioendothelioma,'0'
			nasal cavit	eosinophilic change:respiratory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/branch	metastasis:liver tumor,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	follicular hyperplasia,<2>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE

():Comment

<1>:Slight

<2>:Moderate

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1204	SCHEDULED	105-1	stomach	hyperplasia:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	angiectasis,<2>,with,thrombus//hyperplasia,<2>//hepatocellular adenoma,'0'//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

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 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1204	SCHEDULED	105-1	muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
1205	DEAD	98-2	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung/branch	congestion,<2>
			bone marrow	NON-REMARKABLE
			Lymph node	malignant lymphoma,'4'
			thymus	NON-REMARKABLE
			spleen	leukemic cell infiltration,<3>
			heart	NON-REMARKABLE
			tooth	inflammation,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>
small intes	leukemic cell infiltration,<3>			
large intes	NON-REMARKABLE			
liver	hepatocellular adenoma,'1'//hemangioma,'1'			

():Comment

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<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1205	DEAD	98-2	pancreas	NON-REMARKABLE
			kidney	hyaline droplet,<1>,proximal tubule//vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>//atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1205	DEAD	98-2		(LEUKEMIA)
1206	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium,nasal gland//rhinitis,<1>,catarrh
			trachea	NON-REMARKABLE
			lung/branch	bronchiolar-alveolar carcinoma,'0'
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tooth	inflammation,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<3>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	fatty change,<2>,central//hyperplasia,<1>//hepatocellular adenoma,'0'
			pancreas	NON-REMARKABLE

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

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1206	SCHEDULED	105-1	kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>//atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
1207	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1207	SCHEDULED	105-1	lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	hemangi endothelioma:benign,'0'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	fatty change,<2>,central//hyperplasia,<2>//histiocytic sarcoma,'0'//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>

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 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1207	SCHEDULED	105-1	epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	inflammation,<1>
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
1208	MORIBUND	93-6	bone	NON-REMARKABLE
			skin/app	inflammation,<1>
			nasal cavit	nuclear enlargement:olfactory epithelium,<1>,supporting cell
			trachea	NON-REMARKABLE
			lung/branch	metastasis:liver tumor,<1>,histiocytic sarcoma
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
spleen	extramedullary hematopoiesis,<2>			

():Comment

<1>:Slight

<2>:Moderate

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 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1208	MORIBUND	93-6	heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//erosion:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	histiocytic sarcoma,'4'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>//hyaline droplet,<1>,proximal tubule
			urin bladd	metastasis:liver tumor,<3>,histiocytic sarcoma
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>

():Comment

<1>:Slight

<2>:Moderate

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 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1208	MORIBUND	93-6	spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death (LIVER TUMOR)
1209	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<2>,olfactory epithelium,nasal gland
			trachea	NON-REMARKABLE
			lung/branch	hemorrhage,<1>,focal//metastasis:liver tumor,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tooth	dysplasia,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE

():Comment

<1>:Slight

<2>:Moderate

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 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1209	SCHEDULED	105-1	esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular adenoma,'0'//hepatocellular carcinoma,'0'//hemangi endothelioma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<2>//atrophy,<1>
			epididymis	spermatogenic granuloma,<1>
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>

():Comment

<1>:Slight

<2>:Moderate

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1209	SCHEDULED	105-1	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
1210	MORIBUND	96-3	skin/app	hyperplasia:epidermis,<1>,with,scab
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium,nasal gland
			trachea	NON-REMARKABLE
			Lung/branch	bronchiolar-alveolar carcinoma,'2'
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tooth	dysplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>
small intes	NON-REMARKABLE			
large intes	NON-REMARKABLE			

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

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 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1210	MORIBUND	96-3	Liver	hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death

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

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HISTOLOGICAL FINDINGS (INDIVIDUAL)
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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1210	MORIBUND	96-3		(LIVER TUMOR)
1211	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			subcutis	hemangioma, '0'
			nasal cavity	nuclear enlargement: olfactory epithelium, <1>, supporting cell
			trachea	NON-REMARKABLE
			Lung/branch	pneumonia: NOS, <1> // bronchiolar-alveolar carcinoma, '0'
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	hemangioma, '0'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	heterotopic gland, <1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	necrosis, <2> // angiectasis, <1> // hepatocellular carcinoma, '0'
			pancreas	NON-REMARKABLE

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

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 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 200

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1211	SCHEDULED	105-1	kidney	uacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<1>
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>,deposit of calcium,moderate
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
adipose	granulation,<1>			
1212	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<2>,olfactory epithelium,nasal gland//eosinophilic change:olfactory epithelium,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1212	SCHEDULED	105-1	trachea	NON-REMARKABLE
			lung/branch	bronchiolar-alveolar carcinoma,'0'
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	follicular hyperplasia,<2>
			heart	NON-REMARKABLE
			tooth	dysplasia,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	lymphocytic infiltration,<1>//vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 202

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1212	SCHEDULED	105-1	adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>//atrophy,<2>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	cyst,<1>
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1213	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			Lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1213	SCHEDULED	105-1	thymus	NON-REMARKABLE
			spleen	deposit of melanin,<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	hepatocellular adenoma,' 0'
			pancreas	NON-REMARKABLE
			kidney	regeneration,<1>,proximal tubule//vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NOT-EXAMINE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1213	SCHEDULED	105-1	mammary gl	NON-REMARKABLE
			prep/cli gl	inflammation,<1>
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1214	DEAD	92-3	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<2>//atrophy:olfactory epithelium,<1>,with,respiratory metaplasia
			trachea	NON-REMARKABLE
			Lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	necrosis,<3>
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tooth	inflammation,<1>
tongue	NON-REMARKABLE			

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

STUDY NO. : 0064
ANIMAL : MOUSE BDF1
REPORT TYPE : A1
SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-104W)

PAGE : 205

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1214	DEAD	92-3	salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular adenoma,'1'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	adenocarcinoma,'4'
			thyroid	NOT-EXAMINE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	cyst,<1>
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1214	DEAD	92-3	periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	degeneration,<1>
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death (PITUITARY TUMOR)
1215	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<2>,olfactory epithelium,nasal gland
			trachea	NON-REMARKABLE
			Lung/branch	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:glandular stomach,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1215	SCHEDULED	105-1	small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	fatty change,<2>,central//hepatocellular adenoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	spermatogenic granuloma,<2>
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1215	SCHEDULED	105-1	bone	NON-REMARKABLE
1216	DEAD	92-7	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium,nasal gland
			trachea	NON-REMARKABLE
			lung/branch	bronchiolar-alveolar carcinoma,'1'
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			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	hemangi endothelioma,'4'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1216	DEAD	92-7	pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
	Cause of Death	tumor death (LIVER TUMOR)		
1217	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium,nasal gland
			trachea	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1217	SCHEDULED	105-1	Lung/branch	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:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>//carcinoid tumor:malignant,'0'
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hyperplasia,<1>//hepatocellular adenoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>//atrophy,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1217	SCHEDULED	105-1	epididymis	spermatogenic granuloma,<2>
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	hemorrhage,<2>
			1218	DEAD
nasal cavit	NON-REMARKABLE			
trachea	NON-REMARKABLE			
Lung/branch	NON-REMARKABLE			
bone marrow	NON-REMARKABLE			
Lymph node	NON-REMARKABLE			
thymus	NON-REMARKABLE			
spleen	deposit of melanin,<1>			

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1218	DEAD	62-2	heart	NON-REMARKABLE
			tooth	dysplasia,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	fatty change,<3>,central//hyperplasia,<1>
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<1>
			thyroid	NON-REMARKABLE
			panc islet	hyperplasia,<2>
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1218	DEAD	62-2	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	urinary retention
1219	DEAD	84-5	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	leukemic cell infiltration,<1>
			Lymph node	malighant lymphoma,' 4'
			thymus	NON-REMARKABLE
			spleen	leukemic cell infiltration,<3>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
salivary gl	NON-REMARKABLE			

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1219	DEAD	84-5	esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>
			small intes	leukemic cell infiltration,<3>
			large intes	NON-REMARKABLE
			liver	leukemic cell infiltration,<2>
			pancreas	NON-REMARKABLE
			kidney	degeneration:tubulus,<3>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1219	DEAD	84-5	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death (LEUKEMIA)
1220	DEAD	93-7	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:olfactory epithelium,<2>
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	hemangioendothelioma,'1'
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	hemangioendothelioma,'4'
			heart	NON-REMARKABLE
			artery/aort	arteritis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1220	DEAD	93-7	Large intes	NON-REMARKABLE
			Liver	hepatocellular adenoma,'1'//metastasis:spleen tumor,<2>
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<1>
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>//atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	inflammation,<2>
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 217

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1220	DEAD	93-7		
			Cause of Death	tumor death (SPLEEN TUMOR)
1221	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium,nasal gland
			trachea	NON-REMARKABLE
			lung/branch	bronchiolar-alveolar cell hyperplasia,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	follicular hyperplasia,<2>
			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	fatty change,<1>,central
			pancreas	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1221	SCHEDULED	105-1	kidney	vacuolization of proximal tube,<1>//regeneration,<1>,proximal tubule
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
1222	MORIBUND	93-7	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1222	MORIBUND	93-7	Lung/branch	metastasis:liver tumor,<4>
			bone marrow	NON-REMARKABLE
			Lymph node	metastasis:liver tumor,<2>
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	necrosis,<1>,with,mineralization
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
			kidney	dilatation:tubular lumen,<1>//vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1222	MORIBUND	93-7	epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	cyst,<1>
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
				Cause of Death
1223	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium,nasal gland
			trachea	NON-REMARKABLE
			lung/branch	interstitial penumonia,<2>
			bone marrow	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1223	SCHEDULED	105-1	Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			heart	NON-REMARKABLE
			tooth	dysplasia,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular adenoma,'0'//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	spermatogenic granuloma,<2>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 222

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1223	SCHEDULED	105-1	semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	adenoma,' 0'
			muscle	NON-REMARKABLE
1224	MORIBUND	100-1	bone	NON-REMARKABLE
			skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung/branch	metastasis:liver tumor,<1>
			bone marrow	leukemic cell infiltration,<1>
			lymph node	malignant lymphoma,' 3'
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<3>//leukemic cell infiltration,<2>
			heart	NON-REMARKABLE
tooth	dysplasia,<1>			

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 223

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1224	MORIBUND	100-1	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	necrosis,<2>,zonal//angiectasis,<1>//hepatocellular carcinoma,'1'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<2>//atrophy,<2>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 224

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1224	MORIBUND	100-1	periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death (LEUKEMIA)
1225	DEAD	84-3	skin/app	NON-REMARKABLE
			subcutis	hemangi endothelioma,'1'
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			Lung/branch	congestion,<1>
			bone marrow	hemangi endothelioma,'1'
			Lymph node	malignant lymphoma,'4'
			thymus	NON-REMARKABLE
			spleen	hemangi endothelioma,'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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 225

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1225	DEAD	84-3	stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	NON-REMARKABLE
			pancreas	NON-REMARKABLE
			kidney	dilatation:tubular lumen,<1>//regeneration,<2>,proximal tubule
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1225	DEAD	84-3	muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			retroperit	schwannoma:malignant,'1'
			Cause of Death	tumor death (LEUKEMIA)
1226	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	nuclear enlargement:olfactory epithelium,<1>,supporting cell
			trachea	NON-REMARKABLE
			lung/branch	granulation,<2>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>//follicular hyperplasia,<1>
			heart	NON-REMARKABLE
			tooth	dysplasia,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
stomach	hyperplasia:glandular stomach,<2>//heterotopic gland,<1>//eosinophilic change:glandular stomach,<1>// erosion:glandular stomach,<1>			

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 227

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1226	SCHEDULED	105-1	small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hemangioendothelioma,'0' //hepatocellular adenoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<1>
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	inflammation,<1>
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 228

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1226	SCHEDULED	105-1	muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1227	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium,nasal gland
			trachea	NON-REMARKABLE
			lung/branch	bronchiolar-alveolar adenoma,'0'
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	follicular hyperplasia,<2>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
liver	fatty change,<1>,central			
pancreas	NON-REMARKABLE			
kidney	vacuolization of proximal tube,<1>			

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 229

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1227	SCHEDULED	105-1	urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<2>//atrophy,<2>
			epididymis	NON-REMARKABLE
			semin ues	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	inflammation,<1>
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
muscle	NON-REMARKABLE			
bone	NON-REMARKABLE			
1228	SCHEDULED	105-1	skin/app	hyperplasia:epidermis,<1>,with,scab
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 230

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1228	SCHEDULED	105-1	lung/branch	bronchiolar-alveolar carcinoma,'0'
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tooth	dysplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular adenoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 231

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1228	SCHEDULED	105-1	testis	mineralization,<1>//atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
1229	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			Lung/branch	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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1229	SCHEDULED	105-1	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	fatty change,<1>,central
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>//regeneration,<1>,proximal tubule
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>//atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1229	SCHEDULED	105-1	brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1230	SCHEDULED	105-1	adipose	granulation,<1>
			skin/app	NON-REMARKABLE
			nasal cavit	nuclear enlargement:olfactory epithelium,<1>,supporting cell
			trachea	NON-REMARKABLE
			Lung/branch	bronchiolar-alveolar carcinoma,'0'
			bone marrow	hemangioendothelioma,'0'
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	hemangioendothelioma,'0'
			heart	NON-REMARKABLE
			tooth	dysplasia,<1>
tongue	NON-REMARKABLE			
salivary gl	NON-REMARKABLE			

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1230	SCHEDULED	105-1	esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<3>//eosinophilic change:glandular stomach,<1>//erosion:glandular stomach,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	granulation,<1>//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>//regeneration,<1>,proximal tubule
			urin bladd	metastasis:spleen tumor,<3>
			pituitary	Rathke pouch,<1>
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1230	SCHEDULED	105-1	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
1231	DEAD	95-7	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung/branch	bronchiolar-alveolar adenoma,'1'
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			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	hyperplasia,<1>			

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1231	DEAD	95-7	pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	hemorrhage,<2>
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
Cause of Death				no microscopical confirmation

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1232	MORIBUND	70-6	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung/branch	metastasis:liver tumor,<1>,histiocytic sarcoma
			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	eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	fatty change,<1>,central//hepatocellular adenoma,'1'//histiocytic sarcoma,'4'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1232	MORIBUND	70-6	thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	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 (LIVER TUMOR)	
1233	DEAD	91-7	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			Lung/branch	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 239

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1233	DEAD	91-7	bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of melanin,<1>
			heart	arteritis,<1>
			tongue	cyst,<2>,salivary gland
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1233	DEAD	91-7	semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death (LIVER TUMOR)
1234	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<2>,olfactory epithelium,nasal gland//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	hemangioendothelioma,'0'
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
spleen	extramedullary hematopoiesis,<2>			

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1234	SCHEDULED	105-1	heart	hemangioendothelioma,'0'
			tooth	dysplasia,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	hepatocellular adenoma,'0'//hepatocellular carcinoma,'0'//hemangioendothelioma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1234	SCHEDULED	105-1	brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1235	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			subcutis	thrombus,<1>
			nasal cavit	eosinophilic change:olfactory epithelium,<1>//respiratory metaplasia,<1>,olfactory epithelium,nasal gland
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tooth	dysplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1235	SCHEDULED	105-1	esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular adenoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>//atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1235	SCHEDULED	105-1	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1236	MORIBUND	88-6	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung/branch	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:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular adenoma,'1'//hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1236	MORIBUND	88-6	kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	deposit of calcium,<1>
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
	Cause of Death	tumor death (LIVER TUMOR)		
1237	DEAD	101-7	skin/app	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1237	DEAD	101-7	nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung/branch	congestion,<2>//bronchiolar-alveolar adenoma,'1'
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tooth	dysplasia,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
kidney	vacuolization of proximal tube,<1>			
urin bladd	NON-REMARKABLE			
pituitary	NON-REMARKABLE			

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1237	DEAD	101-7	thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	inflammation,<2>
			brain	deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
			Cause of Death	tumor death (LIVER TUMOR)
1238	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1238	SCHEDULED	105-1	lung/branch	bronchiolar-alveolar adenoma,'0'
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	hemangioma:benign,'0'
			heart	NON-REMARKABLE
			tooth	inflammation,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular adenoma,'0'//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1238	SCHEDULED	105-1	testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	inflammation,<2>
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1239	DEAD	81-3	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung/branch	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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 250

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1239	DEAD	81-3	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	hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1239	DEAD	81-3	brain	hyaline body,<1>//epidermal cyst,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
			Cause of Death	tumor death (LIVER TUMOR)
1240	DEAD	72-3	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium,nasal gland
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	hemangi endothelioma,' 4'
heart	NON-REMARKABLE			
tooth	dysplasia,<2>			

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 252

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1240	DEAD	72-3	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hemangi endothelioma,'2'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1240	DEAD	72-3	periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	adenoma,'1'
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
			Cause of Death	tumor death (SPLEEN TUMOR)
1241	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	nuclear enlargement:olfactory epithelium,<1>,supporting cell
			trachea	NON-REMARKABLE
			lung/branch	bronchiolar-alveolar adenoma,'0'
			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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 254

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1241	SCHEDULED	105-1	stomach	hyperplasia:glandular stomach,<2>//erosion:glandular stomach,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	fatty change,<1>,central//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 255

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1241	SCHEDULED	105-1	muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1242	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	nuclear enlargement:olfactory epithelium,<1>,supporting cell
			trachea	NON-REMARKABLE
			lung/branch	metastasis:liver tumor,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			heart	NON-REMARKABLE
			tooth	dysplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//heterotopic gland,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1242	SCHEDULED	105-1	kidney	vacuolization of proximal tube,<1>//lymphocytic infiltration,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	cyst,<1>
			brain	deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
1243	DEAD	87-2	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium,nasal gland

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

STUDY NO. : 0064
ANIMAL : MOUSE BDF1
REPORT TYPE : A1
SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1243	DEAD	87-2	trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	leukemic cell infiltration,<1>
			lymph node	malishant lymphoma,'4'
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			artery/aort	arteritis,<3>
			tooth	dysplasia,<3>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	leukemic cell infiltration,<2>
			large intes	NON-REMARKABLE
			liver	leukemic cell infiltration,<2>
			pancreas	NON-REMARKABLE
			kidney	leukemic cell infiltration,<2>
			urin bladd	NON-REMARKABLE
			pituitary	leukemic cell infiltration,<2>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1243	DEAD	87-2	thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	leukemic cell infiltration,<2>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	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)	
1244	MORIBUND	74-7	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung/branch	embolus,<2>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 259

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1244	MORIBUND	74-7	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:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	fatty change,<1>,central//hyperplasia,<1>//mixed cell focus,<1>
			pancreas	NON-REMARKABLE
			kidney	dilatation:tubular lumen,<1>
			urin bladd	NON-REMARKABLE
			pituitary	adenocarcinoma,'4'
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 260

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1244	MORIBUND	74-7	semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph neru	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death (PITUITARY TUMOR)
1245	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	nuclear enlargement:olfactory epithelium,<1>,supporting cell
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	malignant lymphoma,'0'
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1245	SCHEDULED	105-1	heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	fatty change,<1>,central//hepatocellular adenoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	inflammation,<1>

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1245	SCHEDULED	105-1	brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1246	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	nuclear enlargement:olfactory epithelium,<1>,supporting cell
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	follicular hyperplasia,<2>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>//eosinophilic change:glandular stomach,<1>//erosion:glandular stomach,<2>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1246	SCHEDULED	105-1	small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	angiectasis,<1>//hepatocellular adenoma,'0'//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<1>
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	granulation,<2>
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1246	SCHEDULED	105-1	bone	NON-REMARKABLE
1247	DEAD	102-2	skin/app	NON-REMARKABLE
			nasal cavit	nuclear enlargement:olfactory epithelium,<1>,supporting cell
			trachea	NON-REMARKABLE
			lung/branch	congestion,<3>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			heart	NON-REMARKABLE
			tooth	dysplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hemangioma,'4'//hepatocellular adenoma,'1'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1247	DEAD	102-2	urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
	Cause of Death	tumor death (LIVER TUMOR)		
1248	DEAD	98-4	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1248	DEAD	98-4	trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	malignant Lymphoma,'4'
			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	hepatocellular carcinoma,'1'//leukemic cell infiltration,<2>
			pancreas	NON-REMARKABLE
			kidney	hyaline droplet,<1>,proximal tubule//leukemic cell infiltration,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1248	DEAD	98-4	testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	keratitis,<3>//cataract,<2>
			Harder gl	adenoma,'1'
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
				Cause of Death
1249	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1249	SCHEDULED	105-1	thymus	NON-REMARKABLE
			spleen	deposit of melanin,<1>//extramedullary hematopoiesis,<2>
			heart	myocardial fibrosis,<1>
			tooth	dysplasia,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<1>
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1249	SCHEDULED	105-1	prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	demyelination,<1>,trigeminal nerve
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1250	DEAD	104-4	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			Lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	hemangi endothelioma,' 4'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
salivary gl	NON-REMARKABLE			

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1250	DEAD	104-4	esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	necrosis,<1>,focal//hemangioendothelioma,'1'
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>//atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>

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

STUDY NO. : 0064
ANIMAL : MOUSE BDF1
REPORT TYPE : A1
SEX : MALE

GROUP NAME : 2000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1250	DEAD	104-4	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
			Cause of Death	tumor death (SPLEEN TUMOR)

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1301	DEAD	87-3	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<2>//nuclear enlargement:respiratory epithelium,<1>// nuclear enlargement:olfactory epithelium,<2>,supporting cell//atrophy:olfactory epithelium,<2>,with, respiratory metaplasia
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	malignant lymphoma,'4'
			thymus	NON-REMARKABLE
			spleen	necrosis,<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	nuclear enlargement:proximal tubule,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 273

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1301	DEAD	87-3	urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
				Cause of Death
1302	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//nuclear enlargement:respiratory epithelium,<1>//

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 274

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1302	SCHEDULED	105-1		nuclear enlargement:olfactory epithelium,<2>,supporting cell
			trachea	NON-REMARKABLE
			lung/branch	hemorrhage,<2>,focal//atrophy:epithelium,<3>,branchus,branchiole//nuclear enlargement bronchial epithelium,<1>// bronchiolar-alveolar carcinoma,'0'
			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:glandular stomach,<1>//erosion:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	necrosis,<1>,central//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1302	SCHEDULED	105-1	pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph neru	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
1303	DEAD	85-5	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//nuclear enlargement:respiratory epithelium,<1>// eosinophilic change:respiratory epithelium,<1>//eosinophilic change:olfactory epithelium,<2>// nuclear enlargement:olfactory epithelium,<2>,supporting cell
			trachea	atrophy:epithelium,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1303	DEAD	85-5	Lung/branch	atrophy:epithelium,<2>,branchus,bronchiole//nuclear enlargement bronchial epithelium,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	malighant lymphoma,'2'
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tooth	dysplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	necrosis,<1>,central//hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1303	DEAD	85-5	testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			pleura	pleuritis,<2>
		Cause of Death	tumor death (LIVER TUMOR)	
1304	MORIBUND	38-2	skin/app	NON-REMARKABLE
			nasal cavit	nuclear enlargement:olfactory epithelium,<2>,supporting cell//eosinophilic change:olfactory epithelium,<2>// atrophy:olfactory epithelium,<2>,with,respiratory metaplasia//ethesioneuroepithelioma,'4',Level 3
			trachea	atrophy:epithelium,<1>
			lung/branch	nuclear enlargement bronchial epithelium,<2>//atrophy:epithelium,<1>,branchus,branchiole

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 278

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1304	MORIBUND	38-2	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	vacuolization of proximal tube,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NOT-EXAMINE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1304	MORIBUND	38-2	semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	metastasis: nasal tumor, <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 (NASAL TUMOR)
1305	DEAD	92-5	skin/app	NON-REMARKABLE
			nasal cavit	atrophy: olfactory epithelium, <2>, with, respiratory metaplasia//eosinophilic change: respiratory epithelium, <1>//nuclear enlargement: olfactory epithelium, <2>, supporting cell//rhinitis, <1>, catarrh
			trachea	NON-REMARKABLE
			lung/branch	atrophy: epithelium, <3>, bronchus, bronchiole//nuclear enlargement bronchial epithelium, <1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE

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

STUDY NO. : 0064
ANIMAL : MOUSE BDF1
REPORT TYPE : A1
SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-104W)

PAGE : 280

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1305	DEAD	92-5	spleen	extramedullary hematopoiesis,<2>
			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	hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 281

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1305	DEAD	92-5	brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	adenoma,'1'
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death (LIVER TUMOR)
1306	DEAD	76-2	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//eosinophilic change:olfactory epithelium,<1>// nuclear enlargement:olfactory epithelium,<1>,supporting cell//squamous cell metaplasia,<1>
			trachea	atrophy:epithelium,<1>
			lung/branch	congestion,<2>//atrophy:epithelium,<3>,branchus,branchiole//nuclear enlargement bronchial epithelium,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			heart	NON-REMARKABLE
			tooth	dysplasia,<2>

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

STUDY NO. : 0064
ANIMAL : MOUSE BDF1
REPORT TYPE : A1
SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-104W)

PAGE : 282

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1306	DEAD	76-2	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	angiectasis,<2>,with,thrombus//hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1306	DEAD	76-2	periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death (LIVER TUMOR)
1307	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	nuclear enlargement:respiratory epithelium,<1>//nuclear enlargement:olfactory epithelium,<2>,supporting cell// squamous cell metaplasia,<1>//atrophy:olfactory epithelium,<1>,with,respiratory metaplasia
			trachea	atrophy:epithelium,<2>
			lung/branch	accumulation of foamy cells,<1>//atrophy:epithelium,<3>,bronchus,bronchiole//nuclear enlargement bronchial epithelium, <1> (NEG)
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of melanin,<1>
			heart	hemangi endothelioma,' 0'
			tongue	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1307	SCHEDULED	105-1	salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular adenoma,'0'//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1307	SCHEDULED	105-1	eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1308	MORIBUND	94-2	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//nuclear enlargement:respiratory epithelium,<2>// nuclear enlargement:olfactory epithelium,<2>,supporting cell//eosinophilic change:respiratory epithelium,<2>// sclerosis:lamina propria,<1>,nasal septum
			trachea	atrophy:epithelium,<2>//nuclear enlargement:epithelium,<1>
			Lung/branch	atrophy:epithelium,<2>,branchus,branchiale//nuclear enlargement branchial epithelium,<1>
			bone marrow	Leukemic cell infiltration,<2>
			Lymph node	Leukemic cell infiltration,<1>
			thymus	NON-REMARKABLE
			spleen	malignant lymphoma,'2'
			heart	NON-REMARKABLE
			tongue	Leukemic cell infiltration,<1>
			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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1308	MORIBUND	94-2	Large intes	NON-REMARKABLE
			liver	angiectasis,<1>//hepatocellular carcinoma,'4'//leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	leukemic cell infiltration,<1>
			bone	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 287

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1308	MORIBUND	94-2		
			Cause of Death	tumor death (LIVER TUMOR)
1309	DEAD	47-6	skin/app	NON-REMARKABLE
			nasal cavit	NON-REMARKABLE
			trachea	NON-REMARKABLE
			Lung/branch	NON-REMARKABLE
			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
			large intes	NON-REMARKABLE
			Liver	necrosis,<3>,central
			pancreas	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 288

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1309	DEAD	47-6	kidney	hyaline droplet,<1>,proximal tubule
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	spermatogenic granuloma,<3>
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hemorrhage,<1>
			spinal cord	hemorrhage,<1>
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	hemorrhage
1310	SCHEDULED	105-1	skin/app	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 289

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1310	SCHEDULED	105-1	nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//eosinophilic change:respiratory epithelium,<2>// nuclear enlargement:olfactory epithelium,<2>,supporting cell//rhinitis,<1>,catarrh
			trachea	atrophy:epithelium,<1>
			lung/branch	accumulation of foamy cells,<1>//atrophy:epithelium,<3>,branchus,bronchiole//nuclear enlargement bronchial epithelium, <1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tooth	dysplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 290

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1310	SCHEDULED	105-1	urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
1311	MORIBUND	68-1	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//eosinophilic change:respiratory epithelium,<2>// nuclear enlargement:olfactory epithelium,<1>,supporting cell//nuclear enlargement:respiratory epithelium,<1>
			trachea	atrophy:epithelium,<2>//nuclear enlargement:epithelium,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1311	MORIBUND	68-1	lung/branch	atrophy:epithelium,<1>,branchus,bronchiole//nuclear enlargement bronchial epithelium,<1>//metastasis:liver tumor,<1>, histiocytic sarcoma
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			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	histiocytic sarcoma,'4'
			pancreas	NON-REMARKABLE
			kidney	hyaline droplet,<1>,proximal tubule
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1311	MORIBUND	68-1	testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	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
1312	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//eosinophilic change:respiratory epithelium,<1>// nuclear enlargement:olfactory epithelium,<2>,supporting cell//nuclear enlargement:respiratory epithelium,<1>// rhinitis,<1>,catarrh
			trachea	atrophy:epithelium,<2>//nuclear enlargement:epithelium,<1>
			lung/branch	atrophy:epithelium,<2>,bronchus,bronchiole//nuclear enlargement bronchial epithelium,<1>//accumulation of foamy cells,

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 293

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1312	SCHEDULED	105-1		<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			heart	NON-REMARKABLE
			tooth	dysplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>//eosinophilic change:glandular stomach,<1>//erosion:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 294

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1312	SCHEDULED	105-1	adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
1313	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//nuclear enlargement:respiratory epithelium,<1>// nuclear enlargement:olfactory epithelium,<2>,supporting cell//squamous cell metaplasia,<1>//rhinitis,<1>,catarrh
			trachea	atrophy:epithelium,<2>
			lung/branch	accumulation of foamy cells,<1>//bronchiolar-alveolar cell hyperplasia,<1>//atrophy:epithelium,<3>,bronchus, bronchiole//nuclear enlargement bronchial epithelium,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1313	SCHEDULED	105-1	bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	adenocarcinoma,'0'
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular carcinoma,'0'
			gall bladd	necrosis,<1>
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>//nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<1>
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 296

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1313	SCHEDULED	105-1	epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1314	DEAD	91-5	skin/app	NON-REMARKABLE
			nasal cavit	nuclear enlargement:olfactory epithelium,<2>,supporting cell//eosinophilic change:olfactory epithelium,<2>// atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//rhinitis,<2>,catarrh
			trachea	atrophy:epithelium,<1>
			lung/branch	hemorrhage,<3>,focal//accumulation of foamy cells,<2>//nuclear enlargement bronchial epithelium,<1>
			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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1314	DEAD	91-5	heart	necrosis,<1>,with,mineralization
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	angiectasis,<3>,with,thrombus
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NOT-EXAMINE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	deposit of calcium,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1314	DEAD	91-5	spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	mineralization,<1>
			bone	NON-REMARKABLE
			Cause of Death	hemorrhage
1315	SCHEDULED	105-1	skin/app	NON-REMARKABLE//epidermal cyst,<1>//papilloma,'0'
			nasal cavit	nuclear enlargement:respiratory epithelium,<1>//nuclear enlargement:olfactory epithelium,<2>,supporting cell//atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//eosinophilic change:respiratory epithelium,<1>
			trachea	atrophy:epithelium,<2>
			lung/branch	accumulation of foamy cells,<1>//atrophy:epithelium,<3>,bronchus,branchiole//nuclear enlargement bronchial epithelium,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tooth	inflammation,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 299

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1315	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	angiectasis,<1>
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1315	SCHEDULED	105-1	periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
1316	DEAD	94-5	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:olfactory epithelium,<2>//nuclear enlargement:respiratory epithelium,<1>// nuclear enlargement:olfactory epithelium,<2>,supporting cell//atrophy:olfactory epithelium,<1>,with, respiratory metaplasia//rhinitis,<2>,catarrh
			trachea	atrophy:epithelium,<1>
			lung/branch	atrophy:epithelium,<3>,bronchus,bronchiole//nuclear enlargement bronchial epithelium,<1> (NEG)
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 301

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1316	DEAD	94-5	esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular adenoma,'1'//hemangi endothelioma,'4'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	inflammation,<1>
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1316	DEAD	94-5	eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death (LIVER TUMOR)
1317	MORIBUND	87-6	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//eosinophilic change:olfactory epithelium,<2>// nuclear enlargement:olfactory epithelium,<2>,supporting cell//sclerosis:lamina propria,<1>,nasal septum//rhinitis,<1>,
			trachea	atrophy:epithelium,<2>
			lung/branch	atrophy:epithelium,<3>,branchus,branchiole//nuclear enlargement bronchial epithelium,<1>
			bone marrow	Leukemic cell infiltration,<3>
			Lymph node	malignant Lymphoma,'4'
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<3>
			heart	hemangi endothelioma,'1'
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1317	MORIBUND	87-6	small intes	leukemic cell infiltration,<3>
			large intes	NON-REMARKABLE
			liver	angiectasis,<3>,with,thrombus//hepatocellular carcinoma,'2'//leukemic cell infiltration,<2>
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	deposit of calcium,<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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1317	MORIBUND	87-6	bone	NON-REMARKABLE
			Cause of Death	tumor death (LEUKEMIA)
1318	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	nuclear enlargement:respiratory epithelium,<1>//nuclear enlargement:olfactory epithelium,<2>,supporting cell//atrophy:olfactory epithelium,<1>,with,respiratory metaplasia
			trachea	atrophy:epithelium,<2>
			lung/branch	accumulation of foamy cells,<2>//atrophy:epithelium,<3>,bronchus,bronchiole//nuclear enlargement bronchial epithelium,<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	hemangioendothelioma:benign,'0'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 305

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1318	SCHEDULED	105-1	Liver	hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
1319	DEAD	59-2	skin/app	scar,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 306

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1319	DEAD	59-2	nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//nuclear enlargement:olfactory epithelium,<1>, supporting cell
			trachea	NON-REMARKABLE
			lung/branch	congestion,<3>//accumulation of foamy cells,<1>//nuclear enlargement branchial epithelium,<1>
			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	hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 307

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1319	DEAD	59-2	thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
	Cause of Death	tumor death (LIVER TUMOR)		
1320	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//nuclear enlargement:respiratory epithelium,<1>// nuclear enlargement:olfactory epithelium,<1>,supporting cell
			trachea	atrophy:epithelium,<1>//nuclear enlargement:epithelium,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1320	SCHEDULED	105-1	Lung/branch	accumulation of foamy cells,<1>//atrophy:epithelium,<3>,branchus,branchiole//nuclear enlargement bronchial epithelium, <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	angiectasis,<3>//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1320	SCHEDULED	105-1	testis	mineralization,<1>//atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			1321	SCHEDULED
nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//eosinophilic change:respiratory epithelium,<2>//nuclear enlargement:respiratory epithelium,<1>//nuclear enlargement:olfactory epithelium,<2>,supporting cell//rhinitis,<1>,catarrh			
trachea	atrophy:epithelium,<2>//nuclear enlargement:epithelium,<1>			
lung/branch	atrophy:epithelium,<3>,branchus,bronchiole//nuclear enlargement bronchial epithelium,<1>//bronchiolar-alveolar carcinoma,'0'			
bone marrow	NON-REMARKABLE			

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

GROUP NAME : 8000 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1321	SCHEDULED	105-1	Lymph node	malignant lymphoma,'0'
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	leukemic cell infiltration,<3>
			large intes	NON-REMARKABLE
			liver	hepatocellular adenoma,'0' //hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1321	SCHEDULED	105-1	prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
1322	SCHEDULED	105-1	bone	NON-REMARKABLE
			skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<2>,with,respiratory metaplasia//nuclear enlargement:respiratory epithelium,<1>// nuclear enlargement:olfactory epithelium,<2>,supporting cell//eosinophilic change:respiratory epithelium,<1>// rhinitis,<2>,catarrh
			trachea	atrophy:epithelium,<1>//nuclear enlargement:epithelium,<1>
			lung/branch	accumulation of foamy cells,<1>//atrophy:epithelium,<3>,branchus,branchiole//nuclear enlargement bronchial epithelium, <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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1322	SCHEDULED	105-1	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	angiectasis,<1>,with,thrombus//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	Lymphocytic infiltration,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 313

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1322	SCHEDULED	105-1	spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	Lymphocytic infiltration,<1>
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1323	MORIBUND	97-3	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<2>,with,respiratory metaplasia//nuclear enlargement:respiratory epithelium,<1>// nuclear enlargement:olfactory epithelium,<2>,supporting cell//eosinophilic change:olfactory epithelium,<2>//rhinitis, <2>,catarrh
			trachea	atrophy:epithelium,<2>
			lung/branch	accumulation of foamy cells,<1>//atrophy:epithelium,<3>,branchus,branchiole//nuclear enlargement bronchial epithelium, <1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	malignant lymphoma,'1'
			heart	hemangioendothelioma,'1'
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 314

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1323	MORIBUND	97-3	esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
			kidney	dilatation:tubular lumen,<1>//nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 315

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1323	MORIBUND	97-3	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			Cause of Death	tumor death (LIVER TUMOR)
1324	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<2>,with,respiratory metaplasia//eosinophilic change:respiratory epithelium,<1>// nuclear enlargement:respiratory epithelium,<1>//nuclear enlargement:olfactory epithelium,<2>,supporting cell// rhinitis,<2>,catarrh
			trachea	atrophy:epithelium,<1>
			lung/branch	accumulation of foamy cells,<2>//atrophy:epithelium,<3>,bronchus,branchiole//nuclear enlargement bronchial epithelium, <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

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1324	SCHEDULED	105-1	stomach	hyperplasia:glandular stomach,<2>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	angiectasis,<3>,with,thrombus//hepatocellular adenoma,'0'//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<2>//atrophy,<2>
			epididymis	inflammation,<1>
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1324	SCHEDULED	105-1	muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1325	MORIBUND	84-2	skin/app	NON-REMARKABLE
			subcutis	leukemic cell infiltration,<2>
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//nuclear enlargement:respiratory epithelium,<1>// nuclear enlargement:olfactory epithelium,<1>,supporting cell
			trachea	atrophy:epithelium,<1>//nuclear enlargement:epithelium,<1>
			lung/branch	atrophy:epithelium,<3>,branchus,branchiole//nuclear enlargement bronchial epithelium,<1>//leukemic cell infiltration, <3>
			bone marrow	NON-REMARKABLE
			Lymph node	malighant lymphoma,' 4'
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	leukemic cell infiltration,<2>
			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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 318

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1325	MORIBUND	84-2	Liver	angiectasis,<1>//hepatocellular carcinoma,'2'
			pancreas	leukemic cell infiltration,<2>
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	leukemic cell infiltration,<1>
			Harder gl	NON-REMARKABLE
muscle	NON-REMARKABLE			
bone	NON-REMARKABLE			
1326	DEAD	97-3	skin/app	NON-REMARKABLE

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

' ':Context

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 319

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1326	DEAD	97-3	nasal cavit	nuclear enlargement:olfactory epithelium,<2>,supporting cell//atrophy:olfactory epithelium,<2>,with, respiratory metaplasia//nuclear enlargement:respiratory epithelium,<2>//rhinitis,<1>,catarrh
			trachea	nuclear enlargement:epithelium,<1>//atrophy:epithelium,<2>
			lung/branch	congestion,<3>//atrophy:epithelium,<3>,branchus,branchiole
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	necrosis,<1>,with,mineralization
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1326	DEAD	97-3	thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	deposit of calcium,<1>//hemorrhage,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
	Cause of Death	tumor death (LIVER TUMOR)		
1327	MORIBUND	69-6	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//eosinophilic change:respiratory epithelium,<2>// nuclear enlargement:olfactory epithelium,<1>,supporting cell
			trachea	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1327	MORIBUND	69-6	lung/branch	accumulation of foamy cells,<2>//interstitial pneumonia,<2>//atrophy:epithelium,<2>,branchus,branchiole// nuclear enlargement bronchial epithelium,<1>//metastasis:liver tumor,<1>,histiocytic sarcoma
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			heart	endothelial cell hyperplasia,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	angiectasis,<1>//histiocytic sarcoma,'4'
			pancreas	NON-REMARKABLE
			kidney	hyaline droplet,<1>,proximal tubule
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 322

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1327	MORIBUND	69-6	testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
				Cause of Death
1328	DEAD	91-6	skin/app	NON-REMARKABLE
			subcutis	hemorrhage,<2>
			nasal cavit	nuclear enlargement:olfactory epithelium,<2>,supporting cell//atrophy:olfactory epithelium,<1>,with, respiratory metaplasia//eosinophilic change:respiratory epithelium,<1>//nuclear enlargement:respiratory epithelium, <1>//rhinitis,<1>,catarrh
			trachea	atrophy:epithelium,<2>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 323

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1328	DEAD	91-6	lung/branch	congestion,<2>//accumulation of foamy cells,<1>//atrophy:epithelium,<3>,branchus,branchiole
			bone marrow	leukemic cell infiltration,<2>
			lymph node	malighant lymphoma,'4'
			thymus	NON-REMARKABLE
			spleen	leukemic cell infiltration,<2>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	leukemic cell infiltration,<2>
			large intes	NON-REMARKABLE
			liver	leukemic cell infiltration,<1>
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1328	DEAD	91-6	epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
				Cause of Death
1329	DEAD	100-6	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//nuclear enlargement:respiratory epithelium,<1>// nuclear enlargement:olfactory epithelium,<2>,supporting cell//eosinophilic change:respiratory epithelium,<1>
			trachea	atrophy:epithelium,<2>
			lung/branch	bronchiolar-alveolar carcinoma,'1'
			bone marrow	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 325

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1329	DEAD	100-6	Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tooth	dysplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular carcinoma,' 4'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 326

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1329	DEAD	100-6	semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
			Cause of Death	tumor death (LIVER TUMOR)
1330	DEAD	90-6	skin/app	NON-REMARKABLE
			nasal cavit	nuclear enlargement:respiratory epithelium,<1>//nuclear enlargement:olfactory epithelium,<2>,supporting cell//atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//eosinophilic change:respiratory epithelium,<1>//rhinitis,<1>,catarrh
			trachea	atrophy:epithelium,<1>
			lung/branch	atrophy:epithelium,<2>,branchus,bronchiole//nuclear enlargement bronchial epithelium,<1>//metastasis:liver tumor,<3>
			bone marrow	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 327

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1330	DEAD	90-6	Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	hemorrhage,<1>
			liver	hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1330	DEAD	90-6	prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1331	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//eosinophilic change:respiratory epithelium,<1>//nuclear enlargement:respiratory epithelium,<1>//nuclear enlargement:olfactory epithelium,<2>,supporting cell
			trachea	atrophy:epithelium,<1>
			lung/branch	accumulation of foamy cells,<1>//atrophy:epithelium,<2>,bronchus,branchiole
			bone marrow	NON-REMARKABLE
			Lymph node	follicular hyperplasia,<2>
			thymus	NON-REMARKABLE
			spleen	hemangioperithelioma:benign,'0'

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 329

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1331	SCHEDULED	105-1	heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hyperplasia,<2>//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>//nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1331	SCHEDULED	105-1	spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1332	DEAD	90-3	skin/app	hyperplasia:epidermis,<1>,with,scab
			nasal cavit	nuclear enlargement:olfactory epithelium,<2>,supporting cell//nuclear enlargement:respiratory epithelium,<1>// atrophy:olfactory epithelium,<1>,with,respiratory metaplasia
			trachea	atrophy:epithelium,<1>
			lung/branch	metastasis:liver tumor,<3>
			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:glandular stomach,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 331

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1332	DEAD	90-3	small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	angiectasis,<1>//hepatocellular carcinoma,'4',with,Lymphocytic infiltration
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 332

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1332	DEAD	90-3	bone	NON-REMARKABLE
			Cause of Death	tumor death (LIVER TUMOR)
1333	DEAD	60-6	skin/app	NON-REMARKABLE
			subcutis	Lipoma,'1'
			nasal cavit	eosinophilic change:olfactory epithelium,<2>//nuclear enlargement:olfactory epithelium,<1>,supporting cell
			trachea	NON-REMARKABLE
			lung/branch	atrophy:epithelium,<1>,branchus,branchiole//nuclear enlargement bronchial epithelium,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<3>
			heart	degeneration,<1>,with,organization
			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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 333

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1333	DEAD	60-6	pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			peritoneum	peritonitis,<1>
			Cause of Death	hemorrhage

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 334

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1334	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//nuclear enlargement:respiratory epithelium,<1>// nuclear enlargement:olfactory epithelium,<2>,supporting cell//rhinitis,<1>,catarrh
			trachea	atrophy:epithelium,<1>
			lung/branch	accumulation of foamy cells,<1>//atrophy:epithelium,<2>,bronchus,bronchiole//nuclear enlargement bronchial epithelium, <1>
			bone marrow	NON-REMARKABLE
			lymph node	malignant lymphoma,'0'
			thymus	NON-REMARKABLE
			spleen	leukemic cell infiltration,<2>
			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	hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1334	SCHEDULED	105-1	urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
adipose	granulation,<1>			
1335	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<2>//atrophy:olfactory epithelium,<1>,with,respiratory metaplasia// nuclear enlargement:respiratory epithelium,<1>//nuclear enlargement:olfactory epithelium,<2>,supporting cell//

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1335	SCHEDULED	105-1		
				rhinitis,<2>,catarrh
			trachea	atrophy:epithelium,<2>
			lung/branch	accumulation of foamy cells,<2>//atrophy:epithelium,<3>,branchus,branchiole
			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	hyperplasia,<1>//hepatocellular adenoma,'0'//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 337

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1335	SCHEDULED	105-1	thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	cyst,<2>
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	degeneration:cornea,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1336	SCHEDULED	105-1	adipose	granulation,<1>
			skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//eosinophilic change:respiratory epithelium,<1>// nuclear enlargement:olfactory epithelium,<2>,supporting cell
			trachea	atrophy:epithelium,<1>//nuclear enlargement:epithelium,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 338

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1336	SCHEDULED	105-1	lung/branch	atrophy:epithelium,<2>,branchus,bronchiole//nuclear enlargement bronchial epithelium,<1>//accumulation of foamy cells,<1>//bronchiolar-alveolar carcinoma,'0'
			bone marrow	NON-REMARKABLE
			lymph node	follicular hyperplasia,<1>
			thymus	NON-REMARKABLE
			spleen	follicular hyperplasia,<2>//hemangioendothelioma:benign,'0'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<3>//eosinophilic change:glandular stomach,<1>//erosion:glandular stomach,<1>//heterotopic gland,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	angiectasis,<1>//hyperplasia,<2>//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	vacuolization of proximal tube,<1>//nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1336	SCHEDULED	105-1	adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			1337	SCHEDULED
subcutis	hemangioma:benign,'0'			
nasal cavit	eosinophilic change:respiratory epithelium,<1>//nuclear enlargement:olfactory epithelium,<1>,supporting cell//atrophy:olfactory epithelium,<1>,with,respiratory metaplasia			
trachea	nuclear enlargement:epithelium,<1>			
Lung/branch	accumulation of foamy cells,<1>//atrophy:epithelium,<2>,branchus,branchiole//nuclear enlargement bronchial epithelium,<1>			

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1337	SCHEDULED	105-1	lung/branch	(NEG)
			bone marrow	leukemic cell infiltration,<1>
			lymph node	leukemic cell infiltration,<2>
			thymus	NON-REMARKABLE
			spleen	malignant lymphoma,'0'
			heart	NON-REMARKABLE
			tooth	dysplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	erosion:glandular stomach,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	angiectasis,<1>
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1337	SCHEDULED	105-1	adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	inflammation,<1>
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1338	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//nuclear enlargement:respiratory epithelium,<1>// nuclear enlargement:olfactory epithelium,<2>,supporting cell//atrophy:olfactory epithelium,<1>,with, respiratory metaplasia//rhinitis,<2>,catarrh
			trachea	atrophy:epithelium,<2>//nuclear enlargement:epithelium,<1>
			Lung/branch	accumulation of foamy cells,<2>//atrophy:epithelium,<2>,branchus,branchiole//nuclear enlargement bronchial epithelium,

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1338	SCHEDULED	105-1		<1>
			bone marrow	NON-REMARKABLE
			lymph node	follicular hyperplasia,<1>
			thymus	NON-REMARKABLE
			spleen	follicular hyperplasia,<1>
			heart	endothelial cell hyperplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hyperplasia,<1>,with,thrombus//hepatocellular adenoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 343

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1338	SCHEDULED	105-1	testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			1339	SCHEDULED
nasal cavit	squamous cell metaplasia,<3>//nuclear enlargement:olfactory epithelium,<1>,supporting cell// atrophy:olfactory epithelium,<2>,with,respiratory metaplasia//rhinitis,<1>,catarrh			
trachea	atrophy:epithelium,<1>			
lung/branch	accumulation of foamy cells,<1>//atrophy:epithelium,<3>,bronchus,branchiole//nuclear enlargement bronchial epithelium, <1>			
bone marrow	NON-REMARKABLE			
Lymph node	NON-REMARKABLE			

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1339	SCHEDULED	105-1	thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	deposit of amyloid,<3>//pheochromocytoma:malignant,'0'
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 345

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1339	SCHEDULED	105-1	mammary gl	NON-REMARKABLE
			prep/cli gl	inflammation,<2>
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			nasolacr d	inflammation,<2>
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1340	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//squamous cell metaplasia,<1>// nuclear enlargement:respiratory epithelium,<1>//nuclear enlargement:olfactory epithelium,<1>,supporting cell// atrophy:olfactory epithelium,<2>,with,respiratory metaplasia
			trachea	atrophy:epithelium,<1>
			lung/branch	atrophy:epithelium,<3>,bronchus,branchiole//nuclear enlargement bronchial epithelium,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	malignant lymphoma,'0'
			thymus	NON-REMARKABLE
			spleen	hemangioma:benign,'0'//leukemic cell infiltration,<3>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 346

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1340	SCHEDULED	105-1	heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<3>//eosinophilic change:glandular stomach,<1>//erosion:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	hepatocellular carcinoma,'0'//hemangi endothelioma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	spermatogenic granuloma,<1>
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	deposit of calcium,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 347

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1340	SCHEDULED	105-1	spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
1341	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//nuclear enlargement:olfactory epithelium,<2>,supporting cell//atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//rhinitis,<2>,catarrh
			trachea	atrophy:epithelium,<2>//nuclear enlargement:epithelium,<1>
			lung/branch	accumulation of foamy cells,<2>//atrophy:epithelium,<3>,bronchus,bronchiole//nuclear enlargement bronchial epithelium,<1>//pneumonia:NOS,<2>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tongue	arteritis,<1>
			salivary gl	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1341	SCHEDULED	105-1	esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>//eosinophilic change:glandular stomach,<1>//erosion:glandular stomach,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hyperplasia,<1>//angiectasis,<1>//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph neru	NON-REMARKABLE
			eye	cataract,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 349

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1341	SCHEDULED	105-1	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1342	MORIBUND	68-7	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//nuclear enlargement:olfactory epithelium,<1>,supporting cell// atrophy:olfactory epithelium,<1>,with,respiratory metaplasia
			trachea	atrophy:epithelium,<1>
			lung/branch	atrophy:epithelium,<2>,branchus,bronchiole//nuclear enlargement bronchial epithelium,<1>// bronchiolar-alveolar adenoma,'1'//metastasis:liver tumor,<1>,histiocytic sarcoma
			bone marrow	metastasis:liver tumor,<1>,histiocytic sarcoma
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1342	MORIBUND	68-7	Liver	hepatocellular carcinoma,'2'//histiocytic sarcoma,'3'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//deposit of calcium,<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

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 351

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1342	MORIBUND	68-7		(LIVER TUMOR)
1343	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//nuclear enlargement:olfactory epithelium,<1>, supporting cell//rhinitis,<2>,catarrh
			trachea	atrophy:epithelium,<2>//nuclear enlargement:epithelium,<1>
			lung/branch	accumulation of foamy cells,<1>//atrophy:epithelium,<3>,branchus,branchiole//nuclear enlargement bronchial epithelium,<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	thrombus,<2>,atrium
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//heterotopic gland,<1>//eosinophilic change:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	hepatocellular carcinoma,'0'

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 352

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1343	SCHEDULED	105-1	pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>//atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph neru	NON-REMARKABLE
			eye	cataract,<1>//degeneration:cornea,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
bone	NON-REMARKABLE			
1344	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//nuclear enlargement:olfactory epithelium,<1>,

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1344	SCHEDULED	105-1		supporting cell
			trachea	atrophy:epithelium,<2>//nuclear enlargement:epithelium,<1>
			lung/branch	accumulation of foamy cells,<2>//atrophy:epithelium,<3>,bronchus,bronchiole//nuclear enlargement bronchial epithelium,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	malignant lymphoma,'0'
			thymus	NON-REMARKABLE
			spleen	leukemic cell infiltration,<3>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<2>//eosinophilic change:glandular stomach,<1>//erosion:glandular stomach,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	hepatocellular adenoma,'0'
			pancreas	NON-REMARKABLE
			Kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1344	SCHEDULED	105-1	pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>//atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			nasolacr d	dysplasia,<1>
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1345	DEAD	91-4	skin/app	NON-REMARKABLE
			subcutis	hemangioendothelioma,'1'
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//nuclear enlargement:olfactory epithelium,<2>, supporting cell//rhinitis,<2>,catarrh

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

PAGE : 355

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1345	DEAD	91-4	trachea	atrophy:epithelium,<1>
			lung/branch	hemorrhage,<3>,focal
			bone marrow	hemangioendothelioma,'1'
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	necrosis,<3>//hemangioendothelioma,'4'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	mineralization,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	hyperplasia,<1>,with,thrombus//hemangioendothelioma,'2'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NOT-EXAMINE
			adrenal	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

GROUP NAME : 8000 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1345	DEAD	91-4	testis	atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
				Cause of Death
1346	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	nuclear enlargement:respiratory epithelium,<1>//nuclear enlargement:olfactory epithelium,<2>,supporting cell//atrophy:olfactory epithelium,<2>,with,respiratory metaplasia
			trachea	atrophy:epithelium,<2>
			lung/branch	accumulation of foamy cells,<2>//atrophy:epithelium,<3>,bronchus,branchiole//nuclear enlargement bronchial epithelium,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1346	SCHEDULED	105-1	bone marrow	NON-REMARKABLE
			Lymph node	malighant lymphoma,' 0'
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	NON-REMARKABLE
			tooth	dysplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>//papilloma,' 0',forestomach
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	necrosis,<1>//angiectasis,<1>//hepatocellular carcinoma,' 0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1346	SCHEDULED	105-1	epididymis	spermatogenic granuloma,<1>
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1347	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<2>,with,respiratory metaplasia//nuclear enlargement:olfactory epithelium,<1>, supporting cell//eosinophilic change:respiratory epithelium,<1>//nuclear enlargement:respiratory epithelium,<1>// rhinitis,<2>,catarrh
			trachea	atrophy:epithelium,<2>//nuclear enlargement:epithelium,<1>
			lung/branch	accumulation of foamy cells,<2>//atrophy:epithelium,<3>,bronchus,bronchiole//nuclear enlargement bronchial epithelium,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1347	SCHEDULED	105-1	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	hepatocellular carcinoma,'0'//hepatocellular adenoma,'0'
			pancreas	NON-REMARKABLE
			kidney	Lymphocytic infiltration,<1>//nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	spindle-cell hyperplasia,<1>
			testis	mineralization,<1>//atrophy,<1>
			epididymis	inflammation,<2>
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1347	SCHEDULED	105-1	mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1348	MORIBUND	97-7	skin/app	NON-REMARKABLE
			nasal cavit	atrophy:olfactory epithelium,<1>,with,respiratory metaplasia//nuclear enlargement:olfactory epithelium,<1>, supporting cell//rhinitis,<1>,catarrh
			trachea	atrophy:epithelium,<2>//nuclear enlargement:epithelium,<1>
			lung/branch	atrophy:epithelium,<3>,bronchus,branchiole//nuclear enlargement bronchial epithelium,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			heart	NON-REMARKABLE
			tooth	inflammation,<1>
			tongue	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1348	MORIBUND	97-7	salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	angiectasis,<2>,with,thrombus//hepatocellular carcinoma,'4'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>//atrophy,<1>
			epididymis	NON-REMARKABLE
			semin ves	granulation,<3>
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1348	MORIBUND	97-7	eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			peritoneum	hemangioendothelioma,'2'
			Cause of Death	tumor death (LIVER TUMOR)
1349	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	rhinitis,<2>,catarrh//nuclear enlargement:respiratory epithelium,<1>//atrophy:olfactory epithelium,<2>,with, respiratory metaplasia//nuclear enlargement:olfactory epithelium,<1>,supporting cell
			trachea	atrophy:epithelium,<2>//nuclear enlargement:epithelium,<1>
			lung/branch	accumulation of foamy cells,<2>//atrophy:epithelium,<3>,bronchus,bronchiole//nuclear enlargement bronchial epithelium, <1>
			bone marrow	NON-REMARKABLE
			Lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	malignant lymphoma,'0'
			heart	myocardial fibrosis,<1>
			tooth	dysplasia,<2>
			tongue	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1349	SCHEDULED	105-1	salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	hyperplasia:glandular stomach,<1>//eosinophilic change:glandular stomach,<1>//erosion:glandular stomach,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	necrosis,<2>//hemangioendothelioma,'0'//hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>//hyaline cast,<1>
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<1>
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	mineralization,<1>
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE

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

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1349	SCHEDULED	105-1	eye	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1350	SCHEDULED	105-1	skin/app	epidermal cyst,<1>
			nasal cavit	eosinophilic change:respiratory epithelium,<1>//atrophy:olfactory epithelium,<2>,with,respiratory metaplasia// nuclear enlargement:respiratory epithelium,<2>//nuclear enlargement:olfactory epithelium,<1>,supporting cell// rhinitis,<2>,catarrh
			trachea	atrophy:epithelium,<2>
			lung/branch	atrophy:epithelium,<3>,branchus,bronchiole//nuclear enlargement bronchial epithelium,<1>
			bone marrow	NON-REMARKABLE
			Lymph node	follicular hyperplasia,<2>
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<2>
			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. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1350	SCHEDULED	105-1	Large intes	NON-REMARKABLE
			Liver	hepatocellular carcinoma,'0'
			pancreas	NON-REMARKABLE
			kidney	nuclear enlargement:proximal tubule,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	NON-REMARKABLE
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	inflammation,<1>
			brain	hyaline body,<1>//deposit of calcium,<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. : 0064
ANIMAL : MOUSE BDF1
REPORT TYPE : A1
SEX : MALE

GROUP NAME : 8000 ppm

HISTOLOGICAL FINDINGS (INDIVIDUAL)
ALL ANIMALS (0-104W)

PAGE : 366

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1350	SCHEDULED	105-1	bone	NON-REMARKABLE

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

(HPT050)

BAIS2

STUDY NO. : 0064
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : Control

HISTOLOGICAL FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2001	DEAD	91-7	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium,nasal gland//eosinophilic change:respiratory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/branch	metastasis:liver tumor,<2>,histiocytic sarcoma
			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	histiocytic sarcoma,'4'
			pancreas	NON-REMARKABLE
			kidney	hyaline droplet,<1>,proximal tubule
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE

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