1,4·ジオキサンのラット及びマウスを用いた 経口(混水)投与によるがん原性試験

APPENDIX

X-1

がん原性試験 NO. 0063;0064

APPENDIX X1

HISTOLOGICAL FINDINGS (INDIVIDUAL)

RAT: MALE

STUDY NO. : 0063 ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)
F344 ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

PAGE: 1

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1001	DEAD	102-3	skin/app	squamous cell carcinoma,'4'
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	congestion,<3>
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			stomach	NON-REMARKABLE
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<3>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<2>//adenoma,'1'

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

ANIMAL : RAT F344

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

REPORT TYPE : A1 SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1001	DEAD	102-3	thyroid	NOT-EXAMINE
			parathyroid	NOT-EXAMINE
			adrena l	hyperplasia:cortical cell,<2>
			testis	interstitial cell tumor,'1'
			epididymis	spermatogenic granuloma,<3>
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE .
			Cause of Death	tumor death (SKIN TUMOR)
1002	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//eosinophilic change:respiratory epithelium,<1>
			trachea	NON-REMARKABLE
	():Comment	<1>:Slight <2	>:Moderate <	:3>:Marked <4>:Severe '':Context

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

ANIMAL : RAT F344

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Nnimal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1002	SCHEDULED	105-1	lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
•			lymph node	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia, $\langle 2 \rangle //$ sponsiosis hepatis, $\langle 1 \rangle //$ acidophilic cell focus, $\langle 1 \rangle$
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	C-cell hyperplasia,<1>
			parathyroid	NON-REMARKABLE
			adrena L	hyperplasia:medulla,<2>
	():Comment	<1>:Slight	<pre></pre>	<3>:Marked <4>:Severe '':Context

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

ANIMAL : RAT F344

REPORT TYPE : A1

SEX : MALE GROU

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1002	SCHEDULED	105-1	testis	interstitial cell tumor, '0'
			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
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1003	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
				//inflammation:foreign body,<2>,respiratory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	thymoma:benign,'0',epithelial type
	():Comment	<1>:Slight <2	>: Moderate	<pre><3>:Marked <4>:Severe ' ':Context</pre>

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

nimal D-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
003	SCHEDULED	105–1	spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//basophilic cell focus,<1>//granulation,<1>
			pancreas	atrophy,<2>
			kidney	chranic nephrapathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<2>
			thyroid	NON-REMARKABLE
	**		parathyroid	NON-REMARKABLE
			adrena L	hyperplasia:medulla,<1>//pheochromocytoma,'0'
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
	():Comment	<1>:Slight <2.	:Moderate	<3>:Marked <4>:Souere '':Context

(HPT050)

STUDY NO. : 0063 ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1003	SCHEDULED	105-1	mammary gl	cyst,<2>
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<1>
·			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1004	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
				//inflammation:foreign body,<1>,respiratory epithelium
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	granulation,<2>
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			artery/aort	arteritis,<2>
			tongue	NON-REMARKABLE
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)
F344 ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1004	SCHEDULED	105-1	salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//acidophilic cell focus,<1>//thrombus,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			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

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1004	SCHEDULED	105-1	periph nerv	NON-REMARKABLE
			еуе	cataract,<2>//retinal atrophy,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1005	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//eosinophilic change:olfactory epithelium,<1>//
				inflammation:foreign body,<1>,respiratory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			artery/aort	arteritis,<1>
			tooth	dysplasia,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context

STUDY NO. : 0063 REPORT TYPE : A1

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

EX	: MALE G	GROUP NAME : Control			PAGE:
nimal D-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings	
005	SCHEDULED	105-1	gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			liver	bile duct hyperplasia,<2>	
			pancreas	NON-REMARKABLE	
			kidney	chronic nephropathy,<2>	
			urin bladd	NON-REMARKABLE	•
			pituitary	adenoma,'0'	
			thyroid	NON-REMARKABLE	
			parathyroid	NON-REMARKABLE	
			adrenal	NON-REMARKABLE	
			testis	interstitial cell tumor,'0'	
			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	
			еуе	cataract,<1>	
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context	

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ANIMAL : RAT F344 ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : Control

nimal D-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
.005	SCHEDULED	105-1	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
006	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//basophilic cell focus,<1>
			pancreas	atrophy,<1>

(HPT050)

BAIS2

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
1006	SCHEDULED	105–1	kidney	chronic nephropathy,<3>	
			urin bladd	NON-REMARKABLE	
			pituitary	cyst,<1>	
			thyroid	NON-REMARKABLE	
			parathyroid	NON-REMARKABLE	
			adrena l	NON-REMARKABLE	
			testis	interstitial cell tumor,'0'	
			epididymis	NON-REMARKABLE	
			semin ves	NON-REMARKABLE	
			prostate	adenoma,'0'	
			mammary gl	NON-REMARKABLE	
			brain	hyaline body,<1>	
			spinal cord	NON-REMARKABLE	
			periph nerv	NON-REMARKABLE	
			еуе	cataract,<1>//retinal atrophy,<2>	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	
			bone	NON-REMARKABLE	
1007	SCHEDULED	105-1	skin/app	NON-REMARKABLE	
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>	
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context	

(HPT050)

BAIS2

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

imal -NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
07	SCHEDULED	105-1	trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//granulation,<1>//spongiosis hepatis,<1>//acidophilic cell focus,<1>//fatty change,<1>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
	():Comment	<1>:Slight <2	>∶Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

STUDY NO. : 0063 ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

PAGE: 13 Animal Death Information Time of Examination ID-NO. Week-Day 0rgan_ Findings_ 1007 SCHEDULED 105-1 adrenal hyperplasia:medulla,<1> testis interstitial cell tumor, '0' 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 өуө cataract,<1> Harder gl NON-REMARKABLE muscle NON-REMARKABLE bone NON-REMARKABLE adipose granulation,<1> 1008 SCHEDULED 105-1 skin/app NON-REMARKABLE subcutis fibroma,'0' deposit of calcium, $\langle 1 \rangle$ //eosinophilic change:olfactory epithelium, $\langle 1 \rangle$ nasal cavit trachea NON-REMARKABLE lung/bronch NON-REMARKABLE bone marrow NON-REMARKABLE ():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

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

REPORT TYPE : A1
SEX : MALI

: MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1008	SCHEDULED	105-1	lymph nade	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>
			pancreas	atrophy,<3>
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NOT-EXAMINE
			parathyroid	NOT-EXAMINE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

PAGE: 15

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1008	SCHEDULED	105-1	semin ves	NON-REMARKABLE
			prostate	hyperplasia,<1>
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph neru	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			adipose	granulation,<1>
1009	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//respiratory metaplasia,<1>,
				olfactory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	accumulation of foamy cells,<1>
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context

: RAT F344

SCHEDULED

ANIMAL

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1 SEX

Animal

ID-NO.

1009

: MALE GROUP NAME : Control

Time of Examination

Week-Day

105-1

Death Information

Findings_ NON-REMARKABLE

NON-REMARKABLE tongue

Organ____

small intes

liver

kidney

parathyroid

heart

NON-REMARKABLE salivary gl

esophagus NON-REMARKABLE

gl stomach atrophy:glandular mucosa,<2>

NON-REMARKABLE

large intes NON-REMARKABLE

bile duct hyperplasia, <2>//herniation, <2>

NON-REMARKABLE pancreas

chronic nephropathy, <3>

urin bladd NON-REMARKABLE

pituitary NON-REMARKABLE

thyroid C-cell hyperplasia, <1>

NON-REMARKABLE adrenal

interstitial cell tumor, '0' testis

NON-REMARKABLE

NON-REMARKABLE epididymis

semin ves NON-REMARKABLE

prostate NON-REMARKABLE

mammary gl NON-REMARKABLE

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

'':Context

(HPT050)

BAIS2

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1009	SCHEDULED	105-1	brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1010	DEAD	97-7	skin/app	NON-REMARKABLE
			subcutis	fibroma,'1'
			nasal cavit	deposit of calcium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	congestion,<2>,with,edema
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	hemangioendothelioma,'3'
			heart	myocardial fibrosis,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
	():Comment	<1>:Slight <2:	>: Moderate	<3>:Marked <4>:Seuere '':Context

ANIMAL : RAT F344

REPORT TYPE : A1

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

SEX : MALE GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings_
1010	DEAD	97-7	forestomach	hyperplasia,<2>
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>
			pancreas	atrophy,<1>
			kidney	tubular necrosis,<2>//deposit of hemosiderin,<2>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	hyperplasia:cortical cell,<1>
			testis	interstitial cell tumor,'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
	():Comment	<1>:Slight <2	>: Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

PAGE: 19

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1010	DEAD	97–7	еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			Cause of Death	tumor death (SPLEEN TUMOR)
1011	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//deposit of calcium,<1>//inflammation:foreign body,<1>,
				respiratory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
	():Comment	<1>:Slight <	2>:Moderate <	<pre><3>:Marked <4>:Severe ' ':Context</pre>

ANIMAL : RAT F344 HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : Control

PAGE: 20 Animal Death Information Time of Examination ID-NO. Week-Day 0rgan_ Findings_ 1011 SCHEDULED 105-1 NON-REMARKABLE small intes NON-REMARKABLE large intes bile duct hyperplasia, $\langle 2 \rangle$ //spongiosis hepatis, $\langle 2 \rangle$ //granulation, $\langle 1 \rangle$ //peliosis-like lesion, $\langle 1 \rangle$ liver atrophy,<1> pancreas chronic nephropathy,<3>//hyperplasia,<1> kidney . urin bladd NON-REMARKABLE pituitary hyperplasia,<2> thyroid NOT-EXAMINE NOT-EXAMINE parathyroid hyperplasia:medulla,<2> adrenal interstitial cell tumor, '0' testis epididymis NON-REMARKABLE NON-REMARKABLE semin ves inflammation,<2>//adenoma,'0' prostate mammary gl NON-REMARKABLE brain hyaline body,<1> spinal cord NON-REMARKABLE periph nerv NON-REMARKABLE еуе cataract,<1> NON-REMARKABLE Harder gl '':Context ():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings	
1011	SCHEDULED	105-1	muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
1012	SCHEDULED	105-1	skin/app	NON-REMARKABLE	
			nasal cavit	${\tt deposit\ of\ calcium, \label{lem:constrain} \label{lem:constrain} deposit\ of\ calcium, \label{lem:constraint} $$ deposit$	
				respiratory epithelium	
			trachea	NON-REMARKABLE	
			lung/branch	NON-REMARKABLE	
			bone marrow	NON-REMARKABLE	
			lymph nade	NON-REMARKABLE	
			thymus	NOT-EXAMINE	
			spleen	deposit of hemosiderin,<1>	
			heart	myocardial fibrosis,<1>	
			tongue	NON-REMARKABLE	
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<1>//acidophilic cell focus,<1>	
			pancreas	NON-REMARKABLE	
	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe ' ':Context	

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

PAGE: 22

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1012	SCHEDULED	105-1	kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<2>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1013	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium, $<1>//eosinophilic$ change:olfactory epithelium, $<1>//inflammation:foreign body, <1>,$
	():Comment	<1>:Slight <	:2>:Moderate	<3>:Marked <4>:Severe '':Context

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE GROUP NAME : Control

PAGE: 23 Animal Death Information Time of Examination ID-NO. Week-Day Findings_ Organ_ 1013 SCHEDULED 105-1 respiratory epithelium NON-REMARKABLE trachea lung/bronch osseous metaplasia,<1> NON-REMARKABLE bone marrow lymph node NON-REMARKABLE thymus NOT-EXAMINE extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1> spleen heart myocardial fibrosis,<1> tongue NON-REMARKABLE salivary gl NON-REMARKABLE NON-REMARKABLE esophagus atrophy:glandular mucosa,<2> gl stomach NON-REMARKABLE small intes NON-REMARKABLE large intes liver bile duct hyperplasia, <2>//vacuolated cell focus, <2> atrophy,<2> pancreas chronic nephropathy,<4> kidney NON-REMARKABLE urin bladd pituitary adenoma,'0' '':Context ():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe

(HPT050)

BAIS2

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

nimal D-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings	
013	SCHEDULED	105-1	thyroid	NON-REMARKABLE	
			parathyroid	NOT-EXAMINE	
			adrena l	hyperplasia:cortical cell,<1>	
			testis	interstitial cell tumor,'0'	
			epididymis	NON-REMARKABLE	
			semin ∪es	NON-REMARKABLE	*
			prostate	inflammation,<2>	
			mammary gl	NON-REMARKABLE	
			prep/cli gl	preputial gland tumor,'0'	
			brain	hyaline body,<1>	
			spinal cord	NON-REMARKABLE	
			periph nerv	NON-REMARKABLE	
			еуе	cataract,<1>	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
014	SCHEDULED	105-1	skin/app	NON-REMARKABLE	
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>	
			trachea	NON-REMARKABLE	
			lung/bronch	NON-REMARKABLE	
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context	

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

imal ⊢NO.	Death Information	Time of Examination Week-Day	0rgan	Findings	
)14	SCHEDULED	105-1	bone marrow	NON-REMARKABLE	
			lymph node	NON-REMARKABLE	
			thymus	NON-REMARKABLE	
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>	
			heart	myocardial fibrosis,<1>	
			artery/aort	arteritis,<1>	
			tongue	NON-REMARKABLE	
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			Liver	bile duct hyperplasia,<2>	
			pancreas	atrophy,<1>	
			kidney	chronic nephropathy,<1>	
			urin bladd	NON-REMARKABLE	
			pituitary	hyperplasia,<1>//cyst,<1>//adenoma,'0'	
			thyroid	C-cell hyperplasia,<1>	
			parathyroid	NON-REMARKABLE	
			adrenal	hyperplasia:medulla,<1>	
	():Camment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context	

(HPT050)

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE

GROUP NAME : Control

Animal Death Information Time of Examination ID-NO. Week-Day Organ____ Findings_ 1014 SCHEDULED 105-1 interstitial cell tumor, '0' testis NON-REMARKABLE epididymis NON-REMARKABLE semin ves NON-REMARKABLE prostate mammary gl NON-REMARKABLE prep/cli gl preputial gland tumor, '0' brain hyaline body,<1> NON-REMARKABLE spinal cord NON-REMARKABLE periph nerv еуе cataract,<1> Harder gl NON-REMARKABLE muscle NON-REMARKABLE NON-REMARKABLE bone 1015 SCHEDULED 105-1 skin/app NON-REMARKABLE nasal cavit deposit of calcium,<1> trachea NON-REMARKABLE lung/bronch squamous cell carcinoma, '0' NON-REMARKABLE bone marrow lymph node NON-REMARKABLE thymus NON-REMARKABLE '':Context ():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe

(HPT050)

BAIS2

ANIMAL : RAT F344

REPORT TYPE : A1

SEX : MALE GROUP NAME : Control HISTOLOGICAL FINDINGS (INDIVIDUAL) ALL ANIMALS (0-104W)

imal -NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
)15	SCHEDULED	105-1	spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>	
			heart	myocardial fibrosis,<2>	
			tongue	NON-REMARKABLE	
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			liver	bile duct hyperplasia,<2>//fatty change,<2>//granulation,<1>	
			pancreas	NON-REMARKABLE	
			kidney	chronic nephropathy,<3>	
			urin bladd	NON-REMARKABLE	
			pituitary	adenoma,'0'	
			thyroid	C-cell adenoma, 0'	
			parathyroid	NOT-EXAMINE	
			adrena l	hyperplasia:cortical cell,<1>	
			testis	interstitial cell tumor,'0'	
			epididymis	NON-REMARKABLE	
			semin ves	NON-REMARKABLE	
			prostate	NON-REMARKABLE	

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

ANIMAL : RAT F344

REPORT TYPE : A1 : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1015	SCHEDULED	105-1	mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1016	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			subcutis	fibrosarcoma,'0'
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
				//inflammation:foreign body,<1>,respiratory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	bronchiolar—alveolar cell hyperplasia,<2>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	deposit of hemosiderin,<2>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
	():Comment	<1>:Slight <2	:>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings_	
1016	SCHEDULED	105–1	salivary gl	metastasis:subcutis tumor,<3>	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			Liver	bile duct hyperplasia,<2>	
			pancreas	atrophy,<1>	
			kidney	chronic nephropathy,<2>	
			urin bladd	NON-REMARKABLE	
			pituitary	adenocarcinoma,'0'	
			thyroid	NON-REMARKABLE	
			parathyroid	NON-REMARKABLE	
			adrenal	peliosis-like lesion,<2>	
			testis	interstitial cell tumor,'0'	
			epididymis	NON-REMARKABLE	
			semin ves	NON-REMARKABLE	
			prostate	inflammation,<2>	
			mammary gl	NON-REMARKABLE	
			brain	NON-REMARKABLE	
			spinal cord	NON-REMARKABLE	
	():Comment	<1>:Slight <2	:>:Moderate	<3>:Marked <4>:Severe '':Context	

(HPT050)

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE GROUP NAME : Control PAGE: 30 Animal Death Information Time of Examination ID-NO. Week-Day Organ____ Findings_ 1016 SCHEDULED 105-1 periph nerv NON-REMARKABLE еуе cataract,<1> Harder gl NON-REMARKABLE muscle NON-REMARKABLE bane NON-REMARKABLE adipose granulation,<1> 1017 SCHEDULED 105-1 skin/app NON-REMARKABLE nasal cavit deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1> NON-REMARKABLE trachea lung/bronch NON-REMARKABLE bone marrow NON-REMARKABLE lymph node NON-REMARKABLE thymus NOT-EXAMINE spleen extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1> heart myocardial fibrosis,<1> artery/aort arteritis,<1> NON-REMARKABLE tongue NON-REMARKABLE salivary gl esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> '':Context ():Comment <1>:Slight <2>: Moderate <3>:Marked <4>:Severe

ANIMAL : RAT F344

REPORT TYPE : A1

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

SEX : MALE GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1017	SCHEDULED	105-1	small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<2>//clear cell focus,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NOT-EXAMINE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'O'
			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
			еуе	cataract,<1>//retinal atrophy,<2>
			Harder gl	NON-REMARKABLE
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

STUDY NO. : 0063 ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1017	SCHEDULED	105-1	muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1018	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//eosinophilic change:respiratory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	bronchiolar-alveolar adenoma,'0'
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tangue	papilloma,'0'
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//granulation,<1>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<2>
	():Comment	<1>:Slight <2	:>:Moderate	<3>:Marked <4>:Seuere '':Context

SEX

ANIMAL

: RAT F344 REPORT TYPE : A1

: MALE GROUP NAME : Control HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

PAGE: 33 Animal Death Information Time of Examination ID-NO. Week-Day 0rgan____ Findings_ 1018 SCHEDULED 105-1 NON-REMARKABLE urin bladd pituitary adenoma,'0' NON-REMARKABLE thyroid parathyroid NON-REMARKABLE panc islet islet cell adenoma, '0' adrenal hyperplasia:medulla,<2> testis NON-REMARKABLE epididymis NON-REMARKABLE NON-REMARKABLE semin ves NON-REMARKABLE prostate mammary gl NON-REMARKABLE brain hyaline body,<1> spinal cord NON-REMARKABLE NON-REMARKABLE periph nerv cataract,<1>//retinal atrophy,<1> еуе Harder gl NON-REMARKABLE muscle NON-REMARKABLE NON-REMARKABLE bone peritoneum mesotheliama,'0' 1019 SCHEDULED 105-1 NON-REMARKABLE skin/app ():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1 SEX : MALE

GROUP NAME : Control

PAGE: 34

nimal D-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
019	SCHEDULED	105-1	nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia, $\langle 2 \rangle //vacuolated$ cell focus, $\langle 1 \rangle //fatty$ change, $\langle 1 \rangle //granulation$, $\langle 1 \rangle$
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0'
			thyroid	C-cell adenoma,'0'
	():Comment	<1>:Slight <2	:>:Moderate	<pre><3>:Marked <4>:Severe ' ':Context</pre>

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1019	SCHEDULED	105-1	parathyroid	NON-REMARKABLE
			panc islet	islet cell adenoma,'0'
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	adenoma,'0'
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1020	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium, $<1>$ //eosinophilic change:olfactory epithelium, $<1>$ //inflammation:foreign body, $<2>$,
				respiratory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
	():Comment	<1>:Slight	<2>: Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

PAGE: 36

nimal D-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
020	SCHEDULED	105-1	bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<2>
			artery/aort	arteritis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<2>
			thyroid	NON-REMARKABLE
			parathyroid	NOT-EXAMINE
			adrena l	NON-REMARKABLE
	():Comment	<1>:Slight <2	:>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

PAGE: 37

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1020	SCHEDULED	105-1	testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	hyperplasia,<1>
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<2>//retinal atrophy,<2>//phthisis bulbi,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1021	DEAD	100-6	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<2>
	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

STUDY NO. : 0063 ANIMAL

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

PAGE: 38 Death Information Animal Time of Examination ID-NO. Week-Day 0rgan____ Findings_ 1021 DEAD 100-6 myocardial fibrosis, <2>//thrombus, <2> heart tongue NON-REMARKABLE salivary gl NON-REMARKABLE esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> small intes NON-REMARKABLE NON-REMARKABLE large intes bile duct hyperplasia, <1>//fatty change, <1> liver NON-REMARKABLE pancreas kidney chronic nephropathy, <4> NON-REMARKABLE urin bladd adenoma,'1' pituitary C-cell carcinoma, 3' thyroid parathyroid NOT-EXAMINE adrenal hyperplasia:medulla,<2> interstitial cell tumor, '1' testis NON-REMARKABLE epididymis NON-REMARKABLE semin ves NON-REMARKABLE prostate mammary gl NON-REMARKABLE ():Comment <1>:Slight ' ':Context <2>:Moderate <3>:Marked <4>:Severe

SEX : MALE

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

ANIMAL : RAT F344

REPORT TYPE : A1

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings_
1021	DEAD	100-6	brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			Cause of Death	tumor death (THYROID TUMOR)
1022	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia, $\langle 1 \rangle$,olfactory epithelium//deposit of calcium, $\langle 1 \rangle$ //inflammation:foreign body, $\langle 1 \rangle$,
				respiratory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	mononuclear cell leukemia,'0'
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
	():Comment	<1>:Slight <2	>:Moderate <	<pre></pre> <pre><3>:Marked <4>:Severe ' ':Context</pre>

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

nimal D-NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
022	SCHEDULED	105-1	salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			liver	bile duct hyperplasia,<2>	
			kidney	chronic nephropathy,<3>	
			urin bladd	NON-REMARKABLE	
			pituitary	adenoma,'0'	
			thyroid	NON-REMARKABLE	
			parathyroid	NON-REMARKABLE	
			panc islet	islet cell adenocarcinoma,'0'	
			adrenal	hyperplasia:medulla,<1>//cortical adenoma,'0'	
			testis	interstitial cell tumor,'0'	
			epididymis	NON-REMARKABLE	
			semin ves	NON-REMARKABLE	
			prostate	inflammation,<2>	
			mammary gl	NON-REMARKABLE	
			brain	NON-REMARKABLE	
			spinal cord	NON-REMARKABLE	
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context	

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

					11105 - 11
Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings	
1022	SCHEDULED	105-1	periph nerv	NON-REMARKABLE	
			еуе	cataract,<1>	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
1023	SCHEDULED	105-1	skin/app	NON-REMARKABLE	
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>	
			trachea	NON-REMARKABLE	
			lung/bronch	NON-REMARKABLE	
			bone marrow	NON-REMARKABLE	
			lymph node	NON-REMARKABLE	
			thymus	NOT-EXAMINE	
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>	
			heart	myocardial fibrosis,<2>	
			tangue	NON-REMARKABLE	
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
-	():Comment	<1>:Slight <2	>: Moderate	<3>:Marked <4>:Severe '':Context	

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ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

nimal D-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings	
23	SCHEDULED	105-1	liver	bile duct hyperplasia,<2>	
			pancreas	atrophy,<1>	
			kidney	chronic nephropathy,<3>	
			urin bladd	NON-REMARKABLE	
			pituitary	adenoma,'0'	
			thyroid	NON-REMARKABLE	
			parathyroid	NON-REMARKABLE	
			panc islet	islet cell adenoma,'0'	
			adrenal	NON-REMARKABLE	
			testis	interstitial cell tumor,'0'	
			epididymis	NON-REMARKABLE	
			semin ves	NON-REMARKABLE .	
			prostate	hyperplasia,<1>//inflammation,<3>	
			mammary gl	NON-REMARKABLE	
			brain	hyaline bady,<1>	
			spinal cord	NON-REMARKABLE	
			periph nerv	NON-REMARKABLE	
			еуе	NON-REMARKABLE	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : Control PAGE: 43 Animal Death Information Time of Examination ID-NO. Week-Day Organ___ Findings 1023 SCHEDULED 105-1 bone NON-REMARKABLE 1024 SCHEDULED 105-1 skin/app NON-REMARKABLE nasal cavit deposit of calcium, <1> trachea NON-REMARKABLE lung/bronch NON-REMARKABLE bone marrow NON-REMARKABLE lymph node NON-REMARKABLE NON-REMARKABLE thymus spleen extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1> heart myocardial fibrosis,<1> NON-REMARKABLE tongue salivary gl NON-REMARKABLE esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> small intes NON-REMARKABLE large intes NON-REMARKABLE liver bile duct hyperplasia,<2>//acidophilic cell focus,<1>//spongiosis hepatis,<1> NON-REMARKABLE pancreas kidney chronic nephropathy,<3> urin bladd NON-REMARKABLE ():Comment <1>:Slight ' ':Context <2>:Moderate <3>:Marked <4>:Severe

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE GROUP NAME : Control

PAGE: 44 Animal Death Information Time of Examination ID-NO. Week-Day Organ__ Findings_ 1024 SCHEDULED 105-1 pituitary NON-REMARKABLE thyroid NON-REMARKABLE NON-REMARKABLE parathyroid adrenal peliosis-like lesion,<2> testis interstitial cell tumor, '0' epididymis NON-REMARKABLE NON-REMARKABLE semin ves NON-REMARKABLE prostate mammary gl NON-REMARKABLE brain NON-REMARKABLE NON-REMARKABLE spinal cord periph neru NON-REMARKABLE NON-REMARKABLE өуө Harder gl NON-REMARKABLE muscle NON-REMARKABLE bane NON-REMARKABLE 1025 SCHEDULED 105-1 skin/app NON-REMARKABLE nasal cavit deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//eosinophilic change:respiratory epithelium,<1>// inflammation:foreign body,<1>,respiratory epithelium NON-REMARKABLE trachea ():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe ' ':Context

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

nimal D-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
025	SCHEDULED	105-1	lung/bronch	accumulation of foamy cells,<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	bile duct hyperplasia,<2>//spongiosis hepatis,<1>//acidophilic cell focus,<1>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	C-cell adenoma,'0'
			parathyroid	NON-REMARKABLE
			adrena l	NON-REMARKABLE
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe ' ':Context

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE

GROUP NAME : Control

PAGE: 46 Death Information Animal Time of Examination ID-NO. Week-Day Organ____ Findings 1025 SCHEDULED 105-1 interstitial cell tumor, '0' testis epididymis NON-REMARKABLE semin ves NON-REMARKABLE NON-REMARKABLE prostate NON-REMARKABLE mammary gl brain hyaline body, <2> spinal cord NON-REMARKABLE NON-REMARKABLE periph nerv еуе cataract,<1>//retinal atrophy,<2> Harder gl NON-REMARKABLE muscle NON-REMARKABLE bane NON-REMARKABLE 1026 SCHEDULED 105-1 skin/app keratoacanthoma,'0' nasal cavit deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1> trachea NON-REMARKABLE lung/bronch NON-REMARKABLE NON-REMARKABLE bone marrow lymph nade NON-REMARKABLE thymus NOT-EXAMINE extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1> spleen ():Comment <1>:Slight '':Context <2>:Moderate <3>:Marked <4>:Severe

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

6	SCHEDULED			Findings
		105-1	heart	myocardial fibrosis,<1>
			tooth	dysplasia,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//basophilic cell focus,<1>
			pancreas	atrophy,<2>
			kidney	chronic nephrapathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<2>
			thyroid	C-cell hyperplasia,<1>
			parathyroid	NON-REMARKABLE
			adrena l	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE

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ANIMAL

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : Control PAGE: 48 Animal Death Information Time of Examination ID-NO. Week-Day Organ__ Findings_ 1026 SCHEDULED 105-1 NON-REMARKABLE mammary gl hyaline body,<1> brain NON-REMARKABLE spinal cord periph neru NON-REMARKABLE cataract,<1>//retinal atrophy,<1> NON-REMARKABLE Harder gl NON-REMARKABLE muscle bane NON-REMARKABLE 1027 SCHEDULED 105-1 skin/app NON-REMARKABLE nasal cavit respiratory metaplasia,<1>,olfactory epithelium/deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<2> //inflammation:foreign body,<1>,respiratory epithelium trachea NON-REMARKABLE lung/bronch NON-REMARKABLE NON-REMARKABLE bone marrow lymph nade NON-REMARKABLE NON-REMARKABLE thymus extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1> spleen myocardial fibrosis,<1> heart NON-REMARKABLE tongue NON-REMARKABLE salivary gl

<4>:Severe

'':Context

(HPT050)

():Comment

<1>:Slight

<2>: Moderate

<3>:Marked

ANIMAL : RAT F344 HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

PAGE: 49 Animal Death Information Time of Examination ID-NO. Week-Day Organ____ Findings_ 1027 SCHEDULED 105-1 NON-REMARKABLE esophagus gl stomach atrophy:glandular mucosa,<2> small intes NON-REMARKABLE large intes NON-REMARKABLE liver bile duct hyperplasia,<2>//hyperplasia,<1>//vacuolated cell focus,<1>//acidophilic cell focus,<1> NON-REMARKABLE pancreas kidney chronic nephropathy,<3> NON-REMARKABLE urin bladd pituitary Rathke pouch, <2> thyroid C-cell hyperplasia,<1> NON-REMARKABLE parathyroid adrenal NON-REMARKABLE testis interstitial cell tumor, '0' epididymis NON-REMARKABLE semin ves NON-REMARKABLE NON-REMARKABLE prostate NON-REMARKABLE mammary gl brain NON-REMARKABLE spinal cord NON-REMARKABLE NON-REMARKABLE periph nerv ():Comment <1>:Slight ' ':Context <2>:Moderate <3>:Marked <4>:Severe

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HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

ANIMAL : RAT F344 REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings	
1027	SCHEDULED	105-1	еуе	cataract,<1>//retinal atrophy,<1>	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
1028	SCHEDULED	105-1	skin/app	NON-REMARKABLE	
			nasal cavit	deposit of calcium,<1>//inflammation:foreign body,<1>,respiratory epithelium	
			trachea	NON-REMARKABLE	
			lung/branch	NON-REMARKABLE	
			bone marrow	NON-REMARKABLE	
			lymph nade	granulation,<1>	
			thymus	NON-REMARKABLE	
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>//mononuclear cell leukemia,'0'	
			heart	myocardial fibrosis,<1>	
			tangue	NON-REMARKABLE	
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			liver	bile duct hyperplasia,<2>//acidophilic cell focus,<1>	
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context	

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
1028	SCHEDULED	105-1	pancreas	atrophy,<1>	
			kidney	chronic nephropathy,<2>	
			urin bladd	NON-REMARKABLE	
			pituitary	NON-REMARKABLE	
			thyroid	NON-REMARKABLE	
			parathyroid	NON-REMARKABLE	
			adrena L	hyperplasia:cortical cell,<1>	
			testis	interstitial cell tumor,'0'	
			epididymis	NON-REMARKABLE	
			semin ves	NON-REMARKABLE	
			prostate	hyperplasia,<1>	
			mammary gl	fibroadenoma,'0'	
			brain	hyaline body,<1>	
			spinal cord	NON-REMARKABLE	
			periph nerv	NON-REMARKABLE	
			еуе	cataract,<1>//retinal atrophy,<1>	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
1029	SCHEDULED	105-1	skin/app	NON-REMARKABLE	
	():Comment	<1>:Slight <2:	>:Moderate	<3>:Marked <4>:Severe '':Context	

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BAIS2

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

Findings	n Or:	Time of Examination Week-Day	Death Information	nimal D-NO.
deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//eosinophilic change:respiratory epithel	na	105–1	SCHEDULED	029
NON-REMARKABLE	tr			
NON-REMARKABLE	lu			
NON-REMARKABLE	ba			
NON-REMARKABLE	ly			
NOT-EXAMINE	th			
extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>	sp			
NON-REMARKABLE	he			
NON-REMARKABLE	to			
NON-REMARKABLE	sa			
NON-REMARKABLE	es			
atrophy:glandular mucosa,<2>	gl			
NON-REMARKABLE	sm			
NON-REMARKABLE	la			
bile duct hyperplasia,<2>//vacuolated cell focus,<1>//granulation,<1>	li			
NON-REMARKABLE	pa			
chronic nephropathy,<2>	ki			
NON-REMARKABLE	ur			
hyperplasia,<1>	pi			
C-cell adenoma, '0'	th			

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ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

PAGE: 53

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1029	SCHEDULED	105-1	parathyroid	NON-REMARKABLE
			adrena l	peliosis-like lesion,<1>
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	inflammation,<2>
			mammary gl	NON-REMARKABLE
			brain	deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1030	DEAD	103-7	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe ' ':Context

ANIMAL : RAT F344

REPORT TYPE : A1

: MALE GROUP NAME : Control HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

SEX PAGE: 54 Animal Death Information Time of Examination ID-NO. Week-Day 0rgan____ Findings_ 1030 DEAD 103-7 NON-REMARKABLE thymus spleen NON-REMARKABLE heart myocardial fibrosis,<2> NON-REMARKABLE tongue NON-REMARKABLE salivary gl esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> small intes NON-REMARKABLE large intes NON-REMARKABLE liver bile duct hyperplasia,<2> pancreas atrophy,<1> kidney chronic nephropathy,<2>//tubular necrosis,<3> urin bladd NON-REMARKABLE adenoma, 3' pituitary thyroid C-cell adenoma, 1' NON-REMARKABLE parathyroid adrenal NON-REMARKABLE interstitial cell tumor, '1' testis epididymis NON-REMARKABLE semin ves NON-REMARKABLE ():Comment <1>:Slight <2>:Moderate '':Context <3>:Marked <4>:Severe

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1030	DEAD	103-7	prostate	inflammation,<2>
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			Cause of Death	tumor death (PITUITARY TUMOR)
1031	SCHEDULED	105-1	skin/app	keratoacanthoma,'0'
			nasal cauit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//eosinophilic change:respiratory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	bronchiolar—alveolar adenoma,'0'
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
	():Comment	<1>:Slight <2;	:Moderate <	3>:Marked <4>:Severe ' ':Context

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ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

imal ⊢NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
)31	SCHEDULED	105-1	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//hyperplasia,<1>//basophilic cell focus,<1>//clear cell focus,<1>//acidophilic cell focus
				<1>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<2>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrena l	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
		·	semin ves	NON-REMARKABLE
			prostate	inflammation,<1>
			mammary gl	NON-REMARKABLE
	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe '':Context

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BAIS2

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

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Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1031	SCHEDULED	105-1	brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1032	MORIBUND	97-7	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//eosinophilic change:respiratory epithelium,<1>//
				inflammation:foreign body,<1>,respiratory epithelium//thrombus,<3>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	erythropoiesis:increased,<2>
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<3>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings	
1032	MORIBUND	97-7	gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			liver	bile duct hyperplasia,<2>//collapse,<3>	
			pancreas	NON-REMARKABLE	
			kidney	chronic nephropathy,<1>	
			urin bladd	NON-REMARKABLE	
			pituitary	NON-REMARKABLE	
			thyroid	NON-REMARKABLE	
			parathyroid	NON-REMARKABLE	
			adrenal	NON-REMARKABLE	
			testis	interstitial cell tumor,'1'	
			epididymis	NON-REMARKABLE	
			semin ves	NON-REMARKABLE	
			prostate	NON-REMARKABLE	
			mammary gl	NON-REMARKABLE	
			prep/cli gl	inflammation,<3>	
			brain	hyaline body,<1>	
			spinal cord	NON-REMARKABLE	
			periph nerv	NON-REMARKABLE	
***	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context	

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings_
1032	MORIBUND	97–7	еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			peritoneum	mesothelioma,'4'
			Cause of Death	tumor death (MESOTHELIOMA)
1033	DEAD	100-7	skin/app	NON-REMARKABLE
			subcutis	fibroma,'1'
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	pneumonia: NOS,<2>
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
***************************************	():Comment	<1>:Slight <2	>:Moderate <	:3>:Marked <4>:Severe '':Context

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ANIMAL

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : Control

PAGE: 60 Animal Death Information Time of Examination ID-NO. Week-Day Organ__ Findings_ 1033 DEAD 100-7 gl stomach atrophy:glandular mucosa,<2> NON-REMARKABLE small intes NON-REMARKABLE large intes liver bile duct hyperplasia, <2>//necrosis:central, <3> pancreas atrophy,<3> kidney chronic nephropathy,<3>//tubular necrosis,<2> NON-REMARKABLE urin bladd NON-REMARKABLE pituitary thyroid C-cell hyperplasia,<1> NON-REMARKABLE parathyroid adrenal hyperplasia:medulla,<1> testis interstitial cell tumor, '1' NON-REMARKABLE epididymis NON-REMARKABLE semin ves prostate NON-REMARKABLE mammary gl NON-REMARKABLE NON-REMARKABLE brain NON-REMARKABLE spinal cord NON-REMARKABLE periph nerv cataract,<1>//keratitis,<2> еуе

<4>:Severe

' ':Context

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():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

ANIMAL

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1 SEX : MALE

GROUP NAME : Control

Animal Death Information Time of Examination ID-NO. Week-Day 0rgan_ Findings_ 1033 DEAD 100-7 Harder gl NON-REMARKABLE muscle NON-REMARKABLE bone NON-REMARKABLE Cause of Death pneumonia 1034 SCHEDULED 105-1 skin/app NON-REMARKABLE subcutis fibroma,'0' nasal cavit deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1> NON-REMARKABLE trachea NON-REMARKABLE lung/bronch NON-REMARKABLE bone marrow lymph node NON-REMARKABLE thymus NON-REMARKABLE extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1> spleen heart myocardial fibrosis,<2> artery/aort arteritis,<3> tongue NON-REMARKABLE NON-REMARKABLE salivary gl NON-REMARKABLE esophagus atrophy:glandular mucosa,<2> gl stomach ():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

imal -NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
34	SCHEDULED	105-1	small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//hyperplasia,<1>//basophilic cell focus,<1>
			pancreas	atrophy,<1>
			kidney	chronic nephrapathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrena l	hyperplasia:medulla,<1>//pheochromocytoma,'0'
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	inflammation,<1>
			mammary gl	NON-REMARKABLE
			brain	hyaline bady,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1034	SCHEDULED	105-1	muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			adipose	granulation,<1>
1035	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//deposit of calcium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	bronchiolar—alveolar carcinoma,'0'
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	extramedullary hematopoiesis,<2>//deposit of hemosiderin,<2>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<3>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>//spongiosis hepatis,<2>
			pancreas	atrophy,<1>
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings	
1035	SCHEDULED	105–1	kidney	chronic nephropathy,<2>	
			urin bladd	NON-REMARKABLE	
			pituitary	hyperplasia,<1>//cyst,<1>	
			thyroid	C-cell hyperplasia,<2>	
			parathyroid	NON-REMARKABLE	
			panc islet	islet cell adenoma,'0'	
			adrena l	NON-REMARKABLE	
			testis	interstitial cell tumor, 0'	
			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	
			өуө	cataract,<1>//retinal atrophy,<1>	
			Harder gl	NON-REMARKABLE	
		•	muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
1036	DEAD	96-3	skin/app	NON-REMARKABLE	
	():Comment	<1>:Slight <2:	>:Moderate	<pre><3>:Marked <4>:Severe ' ':Context</pre>	

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ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1036	DEAD	96–3	nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
				//inflammation:foreign body,<1>,respiratory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	leukemic cell infiltration,<3>
			bone marrow	erythrapaiesis:increased,<1>
			lymph node	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	mononuclear cell leukemia, 4'
			heart	myocardial fibrosis,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//leukemic cell infiltration,<2>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<2>//adenoma,'1'
				-

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ANIMAL : RAT F344 HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : Control

PAGE: 66 Animal Death Information Time of Examination ID-NO. Week-Day Organ____ Findings_ 1036 DEAD 96-3 NON-REMARKABLE thyroid parathyroid NON-REMARKABLE adrenal NON-REMARKABLE testis interstitial cell tumor, '1' epididymis NON-REMARKABLE NON-REMARKABLE semin ves prostate adenoma,'1' NON-REMARKABLE mammary gl brain leukemic cell infiltration,<1> spinal cord NON-REMARKABLE periph nerv NON-REMARKABLE cataract,<1> өуө Harder gl NON-REMARKABLE NON-REMARKABLE muscle bane NON-REMARKABLE Cause of Death tumor death (LEUKEMIA) 1037 SCHEDULED 105-1 NON-REMARKABLE skin/app subcutis fibroma,'0' nasal cavit deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//eosinophilic change:respiratory epithelium,<1> '':Context ():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe

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ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

imal -NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
37	SCHEDULED	105-1	trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			artery/aort	arteritis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//acidophilic cell focus,<1>//mixed cell focus,<1>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX

: MALE GROUP NAME : Control

PAGE: 68 Animal Death Information Time of Examination ID-NO. Week-Day 0rgan__ Findings_ 1037 SCHEDULED 105-1 parathyroid NON-REMARKABLE adrenal hyperplasia:medulla,<1> interstitial cell tumor, '0' testis NON-REMARKABLE epididymis NON-REMARKABLE semin ves prostate NON-REMARKABLE mammary gl NON-REMARKABLE brain hyaline body,<1> NON-REMARKABLE spinal cord periph nerv NON-REMARKABLE cataract,<1> өуө NON-REMARKABLE Harder gl NON-REMARKABLE muscle bane NON-REMARKABLE 1038 SCHEDULED 105-1 skin/app NON-REMARKABLE respiratory metaplasia,<1>,olfactory epithelium,/deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1> nasal cavit //inflammation:foreign body,<1>,respiratory epithelium NON-REMARKABLE trachea lung/bronch NON-REMARKABLE bone marrow NON-REMARKABLE <3>:Marked ():Comment <1>:Slight <4>:Severe ' ':Context <2>:Moderate

(HPT050)

ANIMAL

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1 SEX

: MALE GROUP NAME : Control

PAGE: 69 Animal Death Information Time of Examination ID-NO. Week-Day 0rgan_ Findings 1038 SCHEDULED 105-1 lymph node NON-REMARKABLE NOT-EXAMINE thymus extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1> spleen myocardial fibrosis,<1> heart NON-REMARKABLE tongue salivary gl NON-REMARKABLE esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> small intes NON-REMARKABLE NON-REMARKABLE large intes bile duct hyperplasia, $\langle 2 \rangle //$ spongiosis hepatis, $\langle 1 \rangle //$ basophilic cell focus, $\langle 1 \rangle //$ acidophilic cell focus, $\langle 1 \rangle //$ liver pancreas atrophy,<3> kidney chronic nephropathy,<3> urin bladd NON-REMARKABLE pituitary adenoma,'0' NON-REMARKABLE thyroid parathyroid NON-REMARKABLE NON-REMARKABLE adrenal interstitial cell tumor, '0' testis epididymis NON-REMARKABLE ():Comment <1>:Slight ' ':Context <2>:Moderate <3>:Marked <4>:Severe

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ANIMAL : RAT F344

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

REPORT TYPE : A1 SEX : MALE

GROUP NAME : Control

PAGE: 70

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1038	SCHEDULED	105–1	semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1039	MORIBUND	98-7	skin/app	NON-REMARKABLE
		•	nasal cavit	deposit of calcium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	hypoplasia,<2>
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<3>
			heart	myocardial fibrosis,<2>
			tooth	inflammation,<2>
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL

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

: RAT F344

REPORT TYPE : A1

: MALE

GROUP NAME : Control

PAGE: 71 SEX Death Information Time of Examination Animal ID-NO. Week-Day 0rgan_ Findings_ 1039 MORIBUND 98-7 NON-REMARKABLE tongue salivary gl NON-REMARKABLE esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> NON-REMARKABLE small intes NON-REMARKABLE large intes bile duct hyperplasia, $\langle 2 \rangle //$ deposit of hemosiderin, $\langle 1 \rangle$ liver NON-REMARKABLE pancreas kidney chronic nephropathy,<2>//deposit of hemosiderin,<1> urin bladd NON-REMARKABLE adenocarcinoma, 4' pituitary thyroid NON-REMARKABLE NON-REMARKABLE parathyroid NON-REMARKABLE adrenal testis interstitial cell tumor, '1' epididymis NON-REMARKABLE NON-REMARKABLE semin ves prostate NON-REMARKABLE mammary gl NON-REMARKABLE brain NON-REMARKABLE ():Comment <1>:Slight <4>:Severe '':Context <2>:Moderate <3>:Marked

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ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal Death Information Time of Examination ID-NO. Week-Day 0rgan___ Findings 1039 MORIBUND 98-7 spinal cord NON-REMARKABLE periph nerv NON-REMARKABLE cataract,<1> еуе Harder gl NON-REMARKABLE muscle NON-REMARKABLE NON-REMARKABLE bane Cause of Death tumor death (PITUITARY TUMOR) 1040 SCHEDULED 105-1 skin/app NON-REMARKABLE nasal cavit $\label{lem:deposit} \textit{deposit} \ \textit{of} \ \textit{calcium}, \ensuremath{\mbox{\sc lower}}\xspace / \e$ respiratory epithelium trachea NON-REMARKABLE lung/bronch NON-REMARKABLE NON-REMARKABLE bone marrow lymph node NON-REMARKABLE NON-REMARKABLE thymus extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1> spleen myocardial fibrosis,<2> heart NON-REMARKABLE tongue NON-REMARKABLE salivary gl '':Context ():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe

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ANIMAL : RAT F344 HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : Control

PAGE: 73 Animal Death Information Time of Examination ID-NO. Week-Day Organ_ Findings 1040 SCHEDULED 105-1 esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> small intes NON-REMARKABLE NON-REMARKABLE large intes liver bile duct hyperplasia,<2> pancreas atrophy,<1> kidney chronic nephropathy, <2> NON-REMARKABLE urin bladd pituitary NON-REMARKABLE thyroid NON-REMARKABLE NON-REMARKABLE parathyroid NON-REMARKABLE adrenal interstitial cell tumor, '0' testis 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 '':Context <2>:Moderate <3>:Marked <4>:Severe

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1040	SCHEDULED	105-1	еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1041	MORIBUND	86-4	skin/app	NON-REMARKABLE
			nasal cauit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	leukemic cell infiltration,<4>
			bone marrow	hypoplasia,<2>
			lymph node	NON-REMARKABLE
			thymus	hemorrhage,<2>
			spleen	mononuclear cell leukemia, 4'
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			forestomach	hyperplasia,<2>
			gl stomach	atrophy:glandular mucosa,<2>//erosion,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

REPORT TYPE : A1 SEX : MALE

GROUP NAME : Control

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1041	MORIBUND	86-4	Liver	bile duct hyperplasia,<1>//fatty change,<1>//leukemic cell infiltration,<3>
			pancreas	atrophy,<2>
			kidney	chronic nephropathy,<2>//leukemic cell infiltration,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenocarcinoma, 2'
			thyroid	C-cell hyperplasia,<1>
			parathyroid	NON-REMARKABLE
			adrena l	NON-REMARKABLE
			testis	interstitial cell tumor,'1'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>//metastasis:pituitary tumor,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	NON-REMARKABLE .
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
	():Comment	<1>:Slight <2.	>: Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

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Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1041	MORIBUND	86–4	adipose	granulation,<1>
			Cause of Death	tumor death (LEUKEMIA)
1042	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<2>//acidophilic cell focus,<1>
			pancreas	atrophy,<1>
	():Comment	<1>:Slight <	<pre><2>:Moderate </pre>	(3>:Marked <4>:Severe '':Context

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE GROUP NAME : Control PAGE: 77 Animal Death Information Time of Examination ID-NO. Week-Day 0rgan____ Findings_ 1042 SCHEDULED 105-1 k i dney chronic nephropathy,<3> NON-REMARKABLE urin bladd NON-REMARKABLE pituitary thyroid NON-REMARKABLE parathyroid NON-REMARKABLE adrenal hyperplasia:medulla,<1> testis interstitial cell tumor, '0' NON-REMARKABLE epididymis NON-REMARKABLE semin ves prostate hyperplasia,<1> mammary gl NON-REMARKABLE brain hyaline body, <1> spinal cord NON-REMARKABLE periph nerv NON-REMARKABLE еуе cataract,<1> Harder gl NON-REMARKABLE muscle NON-REMARKABLE NON-REMARKABLE bane 1043 SCHEDULED 105-1 skin/app NON-REMARKABLE nasal cavit inflammation:foreign body,<2>,respiratory epithelium ():Comment <1>:Slight '':Context <2>:Moderate <3>:Marked <4>:Severe

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX

: MALE GROUP NAME : Control PAGE: 78 Animal Death Information Time of Examination ID-NO. Week-Day Organ_ Findings_ 1043 SCHEDULED 105-1 trachea NON-REMARKABLE lung/bronch osteosarcoma,'0' bone marrow NON-REMARKABLE lymph node NON-REMARKABLE NOT-EXAMINE thymus spleen extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1> myocardial fibrosis,<1> heart NON-REMARKABLE tongue salivary gl NON-REMARKABLE NON-REMARKABLE esophagus gl stomach atrophy:glandular mucosa,<2>

small intes NON-REMARKABLE

NON-REMARKABLE large intes

liver

bile duct hyperplasia,<2>//clear cell focus,<1>

pancreas atrophy,<1>

kidney chronic nephropathy,<3>

urin bladd NON-REMARKABLE pituitary NON-REMARKABLE NON-REMARKABLE thyroid

NON-REMARKABLE parathyroid

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

'':Context

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1043	SCHEDULED	105-1	adrenal	pheachramacytama,'0'
			testis	interstitial cell tumor, '0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	inflammation,<1>
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1044	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	${\tt deposit\ of\ calcium, <1>//eosinophilic\ change:olfactory\ epithelium, <1>//inflammation:foreign\ body, <2>,}$
				respiratory epithelium
			trachea	NON-REMARKABLE
			lung/branch	accumulation of foamy cells,<1>
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context

: RAT F344 ANIMAL

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : Control

nimal D-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
.044	SCHEDULED	105-1	thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tangue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//basophilic cell focus,<1>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NOT-EXAMINE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Seuere ' ':Context

(HPT050)

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1044	SCHEDULED	105–1	prostate	adenoma,'0'
			mammary gl	NON-REMARKABLE
			prep/cli gl	inflammation,<3>
			brain	hyaline body,<1>//deposit of calcium,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1045	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium, $\langle 1 \rangle //eosinophilic$ change: olfactory epithelium, $\langle 1 \rangle //inflammation$: foreign body, $\langle 1 \rangle$,
				respiratory epithelium
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myacardial fibrasis,<1>
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Seuere '':Context

(HPT050)

ANIMAL : RAT F344

REPORT TYPE : A1 SEX : MALE HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

nimal D-NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
.045	SCHEDULED	105-1	tongue	NON-REMARKABLE	
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			liver	bile duct hyperplasia,<2>	
			kidney	chronic nephrapathy,<2>	
			urin bladd	NON-REMARKABLE	
			pituitary	NON-REMARKABLE	
			thyroid	NON-REMARKABLE	
			parathyroid	NOT-EXAMINE	
			panc islet	islet cell adenoma,'0'	
			adrena l	hyperplasia:medulla,<2>	
			testis	interstitial cell tumor,'O'	
			epididymis	NON-REMARKABLE	
			semin ves	NON-REMARKABLE	
			prostate	inflammation,<1>	
			mammary gl	NON-REMARKABLE	
			brain	hyaline body,<1>	

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE

GROUP NAME : Control

PAGE: 83 Animal Death Information Time of Examination ID-NO. Week-Day 0rgan_ Findings 1045 SCHEDULED 105-1 spinal cord NON-REMARKABLE NON-REMARKABLE periph nerv еуе cataract,<1> Harder gl NON-REMARKABLE NON-REMARKABLE muscle bane NON-REMARKABLE 1046 SCHEDULED 105-1 skin/app NON-REMARKABLE nasal cavit deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//eosinophilic change:respiratory epithelium,<1>// inflammation:foreign body,<1>,respiratory epithelium trachea NON-REMARKABLE lung/bronch bronchiolar-alveolar cell hyperplasia,<1> NON-REMARKABLE bone marrow NON-REMARKABLE lymph node NON-REMARKABLE thymus spleen extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1> heart myocardial fibrosis,<1> NON-REMARKABLE tongue salivary gl NON-REMARKABLE esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> ():Comment <1>:Slight '':Context <2>:Moderate <3>:Marked <4>:Severe

(HPT050)

ANIMAL : RAT F344

Death Information

SCHEDULED

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

NON-REMARKABLE

REPORT TYPE : A1

Animal

ID-NO.

1046

SEX : MALE GROUP NAME : Control

Week-Day

105-1

PAGE: 84 Time of Examination Organ__ Findings_ small intes NON-REMARKABLE

bile duct hyperplasia, $\langle 2 \rangle //$ spongiosis hepatis, $\langle 1 \rangle //$ mixed cell focus, $\langle 1 \rangle$

pancreas atrophy,<1>

large intes

epididymis

liver

kidney chronic nephropathy, <4>

urin bladd NON-REMARKABLE

pituitary adenoma,'0'

thyroid NON-REMARKABLE

parathyroid NON-REMARKABLE adrenal NON-REMARKABLE

testis interstitial cell tumor, '0' NON-REMARKABLE

NON-REMARKABLE semin ves

inflammation,<3> prostate

NON-REMARKABLE mammary gl

prep/cli_gl preputial gland tumor, '0'

brain NON-REMARKABLE NON-REMARKABLE spinal cord periph nerv NON-REMARKABLE

cataract,<1> еуе

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

<4>:Severe

'':Context

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

PAGE: 85

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1046	SCHEDULED	105-1	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			adipose	granulation,<1>
1047	MORIBUND	65-7	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>
			trachea	NON-REMARKABLE
4			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	extramedullary hematopoiesis,<2>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>
,,,,,	():Comment	<1>:Slight <	(2>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1047	MORIBUND	65-7	pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrena l	NON-REMARKABLE
			testis	interstitial cell tumor,'1'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	inflammation,<1>
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			Cause of Dea	th no microscopical confirmation
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context

REPORT TYPE : A1

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

SEX : MALE GROUP NAME : Control

PAGE: 87 Animal Death Information Time of Examination ID-NO. Week-Day Organ____ Findings_ 1048 SCHEDULED 105-1 skin/app trichoepithelioma,'0' nasal cavit deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//eosinophilic change:respiratory epithelium,<1> NON-REMARKABLE trachea bronchiolar-alueolar carcinoma, '0' lung/bronch NON-REMARKABLE bone marrow lymph node NON-REMARKABLE thymus NOT-EXAMINE spleen extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1> heart myocardial fibrosis,<2> NON-REMARKABLE tongue salivary gl NON-REMARKABLE NON-REMARKABLE esophagus gl stomach atrophy:glandular mucosa,<2> small intes NON-REMARKABLE NON-REMARKABLE large intes liver bile duct hyperplasia,<2>//vacuolated cell focus,<1> pancreas atrophy,<1> kidney chronic nephropathy, <2> urin bladd NON-REMARKABLE pituitary hyperplasia,<1> ():Comment <1>:Slight <2>: Moderate '':Context <3>:Marked <4>:Severe

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	n Organ	Findings
1048	SCHEDULED	105-1	thyroid	C-cell carcinoma,'0'
			parathyroid	NOT-EXAMINE
			adrena l	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	hyperplasia,<1>
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1049	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
***	():Comment	<1>:Slight	<2>:Moderate	<3>:Marked <4>:Seuere '':Context

(HPT050)

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HISTOLOGICAL FINDINGS (INDIVIDUAL) : RAT F344

ANIMAL REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

ALL ANIMALS (0-104W)

PAGE: 89 Animal Death Information Time of Examination ID-NO. Week-Day 0rgan____ Findings_ 1049 SCHEDULED 105-1 NON-REMARKABLE lymph nade thymus NON-REMARKABLE spleen extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1> heart NON-REMARKABLE tangue NON-REMARKABLE salivary gl NON-REMARKABLE esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> NON-REMARKABLE small intes large intes NON-REMARKABLE liver bile duct hyperplasia,<2>//vacuolated cell focus,<1> atrophy,<2> pancreas kidney chronic nephropathy, <3> urin bladd NON-REMARKABLE NON-REMARKABLE pituitary thyroid C-cell adenoma, '0' parathyroid NON-REMARKABLE adrenal NON-REMARKABLE testis interstitial cell tumor, '0' epididymis NON-REMARKABLE ():Comment <1>:Slight <2>:Moderate '':Context <3>:Marked <4>:Severe

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1049	SCHEDULED	105-1	semin ∪es	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<2>//retinal atrophy,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1050	SCHEDULED	105-1	skin/app	squamous cell carcinoma,'0'
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			artery/aort	arteritis,<1>
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Seuere ' ':Context

(HPT050)

BAIS2

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

PAGE: 91

nimal D-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings_
.050	SCHEDULED	105-1	tooth	dysplasia,<1>
			tangue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>//spongiosis hepatis,<1>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<2>
			thyroid	NON-REMARKABLE
			parathyroid	NOT-EXAMINE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
	():Comment	<1>:Slight <	2>:Moderate	<pre> . <3>:Marked <4>:Severe '':Context</pre>

(HPT050)

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : Control

PAGE: 92

Animal ID-NO.	Death Information	Time of Examination Week-Day	n Organ	Findings	
1050	SCHEDULED	105-1	brain	NON-REMARKABLE	
			spinal cord	NON-REMARKABLE	
			periph nerv	NON-REMARKABLE	
			еуе	cataract,<1>//retinal atrophy,<2>	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
	():Comment	<1>:Slight	<2>:Moderate	<3>:Marked <4>:Severe '':Context	
(HPT050)					BAIS2

ANIMAL : RAT F344 HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1 SEX

: MALE

GROUP NAME : 200 ppm

nimal D-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
101	DEAD	65–3	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	congestion,<2>,with,edema
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	hemorrhage,<1>
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tangue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>
			pancreas	NON-REMARKABLE
			kidney	NON-REMARKABLE
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'1'
	():Comment	<1>:Slight	<pre><2>:Moderate</pre>	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344 HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX

GROUP NAME : 200 ppm

: MALE PAGE: 94 Animal Death Information Time of Examination ID-NO. Week-Day Organ____ Findings_ 1101 DEAD 65-3 NON-REMARKABLE thyroid parathyroid NON-REMARKABLE adrenal NON-REMARKABLE testis interstitial cell tumor, '1' epididymis NON-REMARKABLE semin ves NON-REMARKABLE prostate NON-REMARKABLE NON-REMARKABLE mammary gl brain granular cell tumor, 4' spinal cord NON-REMARKABLE periph nerv NON-REMARKABLE NON-REMARKABLE өуө Harder gl NON-REMARKABLE muscle NON-REMARKABLE bone NON-REMARKABLE Cause of Death tumor death (BRAIN TUMOR) 1102 SCHEDULED 105-1 NON-REMARKABLE skin/app deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//eosinophilic change:respiratory epithelium,<1> nasal cavit NON-REMARKABLE trachea ():Comment <1>:Slight <2>:Moderate '':Context <3>:Marked <4>:Severe

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1102	SCHEDULED	105-1	lung/branch	NON-REMARKABLE
			bone marrow	granulation,<2>
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>
			heart	myocardial fibrosis,<1>
			tangue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	bile duct hyperplasia,<2>//spongiosis hepatis,<1>//mixed cell focus,<2>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrena l	NON-REMARKABLE
	():Comment	<1>:Slight	<2>: Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

					FAGE • SC
Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings	
1102	SCHEDULED	105-1	testis	interstitial cell tumor,'0'	
			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	
			еуе	cataract,<1>//retinal atrophy,<2>	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
1103	SCHEDULED	105-1	skin/app	keratoacanthoma,'0'	
			nasal cavit	deposit of calcium,<1>	
			trachea	NON-REMARKABLE	
			lung/bronch	NON-REMARKABLE	
			bone marrow	NON-REMARKABLE	
			Lymph nade	granulation,<2>	
			thymus	NON-REMARKABLE	
			spleen	deposit of hemosiderin,<1>	
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context	

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

Nnimal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1103	SCHEDULED	105-1	heart	myocardial fibrosis,<1>
			artery/aort	arteritis,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<2>//vacuolated cell focus,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<1>//hyperplasia,<2>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrena l	pheochromacytoma,'0'
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE

(HPT050)

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE GROUP NAME : 200 ppm

PAGE: 98 Animal Death Information Time of Examination ID-NO. Week-Day Organ____ Findings_ 1103 SCHEDULED 105-1 NON-REMARKABLE mammary gl brain hyaline body, <1> spinal cord NON-REMARKABLE periph nerv NON-REMARKABLE еуе cataract,<1>//retinal atrophy,<1> Harder gl NON-REMARKABLE muscle NON-REMARKABLE bone NON-REMARKABLE 1104 SCHEDULED 105-1 NON-REMARKABLE skin/app subcutis fibroma,'0' nasal cavit deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1> trachea NON-REMARKABLE NON-REMARKABLE lung/bronch bone marrow NON-REMARKABLE lymph nade NON-REMARKABLE thymus NOT-EXAMINE spleen extramedullary hematopoiesis,<2> myocardial fibrosis,<2> heart tongue NON-REMARKABLE salivary gl NON-REMARKABLE ():Comment <1>:Slight <2>:Moderate <3>:Marked ' ':Context <4>:Severe

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1104	SCHEDULED	105-1	esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia, $\langle 2 \rangle //$ spongiosis hepatis, $\langle 2 \rangle //$ vacuolated cell focus, $\langle 1 \rangle //$ mixed cell focus, $\langle 2 \rangle$
			pancreas	NON-REMARKABLE
			kidney	chranic nephrapathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	cyst,<1>
			thyroid	C-cell adenoma,'0'
			parathyroid	NON-REMARKABLE
			adrena l	hyperplasia:medulla,<2>
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	inflammation,<1>
			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

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1104	SCHEDULED	105-1	еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1105	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<2>
			tangue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//clear cell focus,<1>//basophilic cell focus,<1>
***************************************	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Cantext

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1
SEX : MALE

GROUP NAME : 200 ppm

PAGE : 101

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1105	SCHEDULED	105–1	pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	inflammation,<3>
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			өуө	cataract,<1>//retinal atrophy,<1>
			Harder gl	hyperplasia,<2>
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1106	SCHEDULED	105-1	skin/app	NON-REMARKABLE
	():Comment	<1>:Slight <	(2):Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

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Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1106	SCHEDULED	105-1	nasal cavit	deposit of calcium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	bronchiolar—alveolar adenoma,'0'
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<2>//basophilic cell focus,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<1>//hyperplasia,<2>
			thyroid	C-cell hyperplasia,<1>
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

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				1 AUL - 100
Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1106	SCHEDULED	105-1	parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	hyperplasia,<1>
			mammary gl	NON-REMARKABLE
			prep/cli gl	preputial gland tumor,'0'
			brain	hyaline body,<2>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			Zymbal gl	Zymbal gland tumor:malignant,'0'
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			adipose	granulation,<1>
1107	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
				//eosinophilic change:respiratory epithelium,<1>
	():Comment	<1>:Slight <2	>:Moderate	<pre><3>:Marked <4>:Severe '':Context</pre>
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: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX

: MALE GROUP NAME : 200 ppm PAGE : 104 Animal Death Information Time of Examination ID-NO. Week-Day Organ__ Findings_ 1107 SCHEDULED 105-1 NON-REMARKABLE trachea osteosarcoma, '0' lung/bronch bone marrow NON-REMARKABLE lymph node NON-REMARKABLE thymoma:benign,'0',epithelial type thymus spleen mononuclear cell leukemia, '0' heart myocardial fibrosis,<1> NON-REMARKABLE tongue NON-REMARKABLE salivary gl esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> small intes NON-REMARKABLE large intes NON-REMARKABLE liver bile duct hyperplasia, $\langle 2 \rangle //$ vacuolated cell focus, $\langle 2 \rangle //$ granulation, $\langle 2 \rangle$ pancreas atrophy,<1> kidney chronic nephropathy,<1> urin bladd NON-REMARKABLE hyperplasia,<2>//adenoma,'0',pars intermedia pituitary thyroid NON-REMARKABLE parathyroid NON-REMARKABLE

<4>:Severe

'':Context

(HPT050)

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ANIMAL : RAT F344 ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

PAGE: 105

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1107	SCHEDULED	105-1	adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	inflammation,<1>
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1108	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//inflammation:foreign body,<1>,respiratory epithelium
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NOT-EXAMINE
***************************************	():Comment	<1>:Slight <2	:>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

PAGE: 106

Animal ID-NO.	Death Information	Time of Examination Week-Day	organ	Findings
1108	SCHEDULED	105-1	spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>
			pancreas	atrophy,<3>
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<2>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrena l	peliasis-like lesian,<2>
			testis	interstitial cell tumor,'O'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	hyperplasia,<1>
-	():Comment	<1>:Slight	<2>:Moderate	<3>:Marked <4>:Seuere ' ':Context

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE GROUP NAME : 200 ppm PAGE : 107 Animal Death Information Time of Examination ID-NO. Week-Day Organ____ Findings 1108 SCHEDULED 105-1 NON-REMARKABLE mammary gl brain hyaline body, <1> spinal cord NON-REMARKABLE periph nerv NON-REMARKABLE cataract,<1> еуе Harder gl NON-REMARKABLE muscle NON-REMARKABLE bane NON-REMARKABLE 1109 SCHEDULED 105-1 skin/app NON-REMARKABLE deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//eosinophilic change:respiratory epithelium,<1> nasal cavit trachea NON-REMARKABLE lung/bronch NON-REMARKABLE NON-REMARKABLE bone marrow lymph node NON-REMARKABLE NOT-EXAMINE thymus spleen NON-REMARKABLE heart myocardial fibrosis,<1> artery/aort arteritis,<3> tongue NON-REMARKABLE NON-REMARKABLE salivary gl ():Comment '':Context <1>:Slight <2>:Moderate <3>:Marked <4>:Severe

(HPT050)

ANIMAL : RAT F344

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

REPORT TYPE : A1 SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1109	SCHEDULED	105-1	esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<1>//mixed cell focus,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<2>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			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
	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1109	SCHEDULED	105-1	еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1110	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE -
			lymph nade	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	deposit of hemosiderin,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia, $\langle 2 \rangle$ //hyperplasia, $\langle 2 \rangle$ //spongiosis hepatis, $\langle 1 \rangle$ //basophilic cell focus, $\langle 1 \rangle$
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344 HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

PAGE : 110 Animal Death Information Time of Examination ID-NO. Week-Day Organ___ Findings_ 1110 SCHEDULED 105-1 atrophy,<1> pancreas kidney chronic nephropathy,<2> urin bladd NON-REMARKABLE adenoma,'0' pituitary thyroid NON-REMARKABLE parathyroid NOT-EXAMINE adrenal pheochromocytoma, '0' testis interstitial cell hyperplasia,<2> epididymis NON-REMARKABLE NON-REMARKABLE semin ves prostate NON-REMARKABLE NON-REMARKABLE mammary gl brain NON-REMARKABLE spinal cord NON-REMARKABLE periph neru NON-REMARKABLE еуе cataract,<1> Harder gl NON-REMARKABLE muscle NON-REMARKABLE NON-REMARKABLE bane 1111 SCHEDULED 105-1 skin/app NON-REMARKABLE ():Comment <1>:Slight ' ':Context <2>:Moderate <3>:Marked <4>:Severe

(HPT050)

ANIMAL : RAT F344 HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

PAGE : 111 Animal Death Information Time of Examination ID-NO. Week-Day Organ____ Findings_ 1111 SCHEDULED 105-1 deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//inflammation:foreign body,<2>, nasal cavit respiratory epithelium trachea NON-REMARKABLE lung/bronch NON-REMARKABLE bone marrow NON-REMARKABLE lymph node NON-REMARKABLE thymus NON-REMARKABLE spleen NON-REMARKABLE heart myocardial fibrosis,<1> tongue NON-REMARKABLE salivary gl NON-REMARKABLE esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> small intes NON-REMARKABLE NON-REMARKABLE large intes liver bile duct hyperplasia,<2>//mixed cell focus,<1> NON-REMARKABLE pancreas kidney chronic nephropathy, <3> NON-REMARKABLE urin bladd NON-REMARKABLE pituitary

<4>:Severe

'':Context

(HPT050)

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1111	SCHEDULED	105-1	thyroid	C-cell hyperplasia,<1>
			parathyroid	NON-REMARKABLE
			adrena l	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			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
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1112	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344 HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm PAGE : 113 Animal Death Information Time of Examination ID-NO. Week-Day Organ__ Findings_ 1112 SCHEDULED 105-1 NON-REMARKABLE lymph nade thymus NON-REMARKABLE spleen deposit of hemosiderin,<1> heart NON-REMARKABLE tongue NON-REMARKABLE NON-REMARKABLE salivary gl NON-REMARKABLE esophagus gl stomach atrophy:glandular mucosa,<2> small intes NON-REMARKABLE large intes NON-REMARKABLE liver bile duct hyperplasia,<2>//vacuolated cell focus,<2> pancreas atrophy,<2> kidney chronic nephropathy,<2> urin bladd NON-REMARKABLE pituitary hyperplasia,<2> thyroid C-cell hyperplasia,<1> NON-REMARKABLE parathyroid NON-REMARKABLE adrenal testis interstitial cell tumor, '0' epididymis NON-REMARKABLE ():Comment <1>:Slight <2>: Moderate <3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1112	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
			еуе	cataract,<1>
			Harder gl	inflammation;<2>
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1113	DEAD	95–6	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/branch	metastasis:peritoneum tumor,<1>
			bone marrow	NON-REMARKABLE
			lymph nade	metastasis:peritoneum tumor,<3>
			thymus	hemorrhage,<3>
			spleen	metastasis:peritoneum tumor,<2>
			heart	myocardial fibrosis,<2>
			tongue	NON-REMARKABLE
-	():Comment	<1>:Slight <	:2>:Moderate	<3>:Marked <4>:Severe ' ':Context

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

PAGE : 115

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1113	DEAD	95-6	salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>//erosion,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>//tubular necrosis,<3>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'1'
			thyroid	NOT-EXAMINE
			parathyroid	NOT-EXAMINE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'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

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1113	DEAD	95–6	periph nerv	NON-REMARKABLE
			еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			peritoneum	mesothelioma,'4'
			Cause of Death	tumor death (MESOTHCLIOMA)
114	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium, $\langle 1 \rangle //eosinophilic$ change:olfactory epithelium, $\langle 1 \rangle //inflammation$:foreign body, $\langle 2 \rangle$,
				respiratory epithelium//respiratory metaplasia,<1>,olfactory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	thrombus,<2>,organization
			tangue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
	():Comment	<1>:Slight <2:	>:Moderate <	:3>:Marked <4>:Seuere '':Context

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

ANIMAL : RAT F344
REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1114	SCHEDULED	105-1	esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<2>//clear cell focus,<1>//vacuolated cell focus,<1>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			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

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1114	SCHEDULED	105-1	еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1115	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			Lung/branch	osseous metaplasia,<1>//metastasis:thyroid tumor,<1>
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>//erosion,<1>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//basophilic cell focus,<1>
	():Comment	<1>:Slight <22	>:Moderate	<3>:Marked <4>:Severe '':Cantext

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE

GROUP NAME : 200 ppm

Animal Death Information Time of Examination ID-NO. Week-Day Organ_ Findings_ 1115 SCHEDULED 105-1 NON-REMARKABLE pancreas kidney chronic nephropathy,<3> urin bladd NON-REMARKABLE pituitary cyst,<2> C-cell carcinoma, '0' thyroid parathyroid NOT-EXAMINE NON-REMARKABLE adrenal testis interstitial cell tumor, '0' epididymis NON-REMARKABLE NON-REMARKABLE semin ves prostate NON-REMARKABLE mammary gl NON-REMARKABLE brain hyaline body,<1> spinal cord NON-REMARKABLE periph nerv NON-REMARKABLE еуе cataract,<1> NON-REMARKABLE Harder gl muscle NON-REMARKABLE NON-REMARKABLE bane 1116 SCHEDULED 105-1 skin/app NON-REMARKABLE ():Comment <1>:Slight ' ':Context <2>:Moderate <3>:Marked <4>:Severe

(HPT050)

BAIS2

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

nimal D-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
116	SCHEDULED	105-1	nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	bronchiolar-alveolar cell hyperplasia,<1>
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>//deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			artery/aort	arteritis,<3>
			oral cavity	inflammation,<3>
			tangue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<1>//ulcer,<3>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia, $\langle 1 \rangle //$ basophilic cell focus, $\langle 1 \rangle //$ fatty change, $\langle 2 \rangle$
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<4>//hyperplasia,<2>
			urin bladd	NON-REMARKABLE
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

SEA	· NALE G	ROUP NAME : 200 p	ppm		PAGE : 121
Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
1116	SCHEDULED	105-1	pituitary	adenoma,'0'	
			thyroid	C-cell adenoma,'0'	
			parathyroid	NON-REMARKABLE	
			adrena l	hyperplasia:medulla,<2>	
			testis	interstitial cell tumor,'0'	
			epididymis	NON-REMARKABLE	
			semin ves	NON-REMARKABLE	
			prostate	inflammation,<3>	
			mammary gl	NON-REMARKABLE	
			brain	NON-REMARKABLE	
			spinal cord	NON-REMARKABLE	
			periph nerv	NON-REMARKABLE	
			еуе	cataract,<1>	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
1117	SCHEDULED	105-1	skin/app	NON-REMARKABLE	
			nasal cavit	eosinophilic change:olfactory epithelium,<1>	
			trachea	NON-REMARKABLE	
			lung/bronch	accumulation of foamy cells,<1>	
•	():Camment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Seuere '':Context	

ANIMAL : RAT F344

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

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REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

PAGE : 122

nimal D-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
117	SCHEDULED	105-1	bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			artery/aort	arteritis,<3>
			tooth	dysplasia,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<1>//acidophilic cell focus,<1>//vacuolated cell focus,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal Death Information Time of Examination ID-NO. Week-Day 0rgan__ Findings 1117 SCHEDULED 105-1 adrenal NON-REMARKABLE interstitial cell tumor, '0' testis NON-REMARKABLE epididymis NON-REMARKABLE semin ves prostate NON-REMARKABLE mammary gl NON-REMARKABLE brain NON-REMARKABLE spinal cord NON-REMARKABLE NON-REMARKABLE periph nerv NON-REMARKABLE еуе Harder gl NON-REMARKABLE muscle NON-REMARKABLE NON-REMARKABLE bane 1118 MORIBUND 85-7 skin/app NON-REMARKABLE nasal cavit deposit of calcium, $\langle 1 \rangle$ //eosinophilic change:olfactory epithelium, $\langle 1 \rangle$ //inflammation:foreign body, $\langle 1 \rangle$, respiratory epithelium//thrombus,<2> NON-REMARKABLE trachea lung/bronch leukemic cell infiltration,<3> bone marrow leukemic cell infiltration,<2> lymph node leukemic cell infiltration,<3> ():Comment '':Context <1>:Slight <2>:Moderate <3>:Marked <4>:Severe

(HPT050)

BAIS2

ANIMAL

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

PAGE: 124 Animal Death Information Time of Examination ID-NO. Week-Day Organ____ Findings__ 1118 MORIBUND 85-7 NON-REMARKABLE thymus mononuclear cell leukemia, 4' spleen heart thrombus,<2> tongue NON-REMARKABLE salivary gl NON-REMARKABLE esophagus NON-REMARKABLE atrophy:glandular mucosa,<3> gl stomach NON-REMARKABLE small intes large intes NON-REMARKABLE liver leukemic cell infiltration,<3> pancreas atrophy,<2> kidney chronic nephropathy,<1> urin bladd NON-REMARKABLE pituitary NON-REMARKABLE thyroid NON-REMARKABLE parathyroid NON-REMARKABLE NON-REMARKABLE adrenal testis interstitial cell tumor, '1' NON-REMARKABLE epididymis NON-REMARKABLE semin ves '':Context ():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe

(HPT050)

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

ANIMAL : RAT F344

REPORT TYPE : A1 SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1118	MORIBUND	85-7	prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			өуө	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			Cause of Death	tumor death (LEUKEMIA)
1119	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	NON-REMARKABLE
	():Comment	<1>:Slight <2	:>:Moderate <	:3>:Marked <4>:Seuere '':Context

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

nimal D-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
119	SCHEDULED	105-1	tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
	():Comment	<1>:Slight <2	>:Moderate	<pre><3>:Marked <4>:Severe '':Context</pre>

SEX : MALE

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

ANIMAL : RAT F344

REPORT TYPE : A1

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings	
1119	SCHEDULED	105-1	spinal cord	NON-REMARKABLE	
			periph nerv	NON-REMARKABLE	
			еуе	cataract,<1>	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
			adipose	granulation,<1>	
1120	SCHEDULED	105-1	skin/app	NON-REMARKABLE	
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>	
			trachea	NON-REMARKABLE	
			lung/branch	accumulation of foamy cells,<1>	
			bone marrow	NON-REMARKABLE	
			lymph nade	granulation,<1>	
			thymus	NON-REMARKABLE	
			spleen	deposit of hemosiderin,<1>	
			heart	myocardial fibrosis,<1>	
			tongue	NON-REMARKABLE	
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
	():Comment	<1>:Slight <2	:>:Moderate	<3>:Marked <4>:Severe ' ':Context	

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1 SEX : MALE

GROUP NAME : 200 ppm

PAGE : 128

nimal D-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
120	SCHEDULED	105–1	small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//mixed cell focus,<2>//granulation,<1>
			pancreas	NON-REMARKABLE
			kidney	chranic nephrapathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	preputial gland tumor,'0'
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			өуө	cataract,<1>
	():Comment	<1>:Slight <2	:>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1120	SCHEDULED	105-1	Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1121	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//eosinophilic change:olfactory epithelium,<2>//
				inflammation:foreign body,<2>,respiratory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//basophilic cell focus,<1>//vacuolated cell focus,<1>
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE GROUP NAME : 200 ppm

PAGE: 130 Animal Death Information Time of Examination ID-NO. Week-Day Organ___ Findings_ 1121 SCHEDULED 105-1 pancreas atrophy,<1> kidney chronic nephropathy,<3> urin bladd NON-REMARKABLE pituitary hyperplasia,<1> thyroid NON-REMARKABLE parathyroid NON-REMARKABLE adrenal NON-REMARKABLE testis interstitial cell tumor, '0' epididymis NON-REMARKABLE semin ves NON-REMARKABLE prostate inflammation,<1> mammary gl NON-REMARKABLE brain NON-REMARKABLE spinal cord NON-REMARKABLE periph neru NON-REMARKABLE өуе NON-REMARKABLE Harder gl NON-REMARKABLE NON-REMARKABLE muscle bane NON-REMARKABLE 1122 SCHEDULED 105-1 skin/app NON-REMARKABLE ():Comment <1>:Slight <2>:Moderate <3>:Marked ' ':Context <4>:Severe

(HPT050)

STUDY NO. : 0063 ANIMAL

SEX

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

: RAT F344

REPORT TYPE : A1

: MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings	
1122	SCHEDULED	105-1	nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>	
			trachea	NON-REMARKABLE	
			lung/bronch	accumulation of foamy cells,<1>	
			bone marrow	NON-REMARKABLE	
			lymph node	granulation,<1>	
			thymus	NOT-EXAMINE	
			spleen	NON-REMARKABLE	
			heart	myocardial fibrosis,<1>	
			artery/aort	arteritis,<1>	
			tongue	NON-REMARKABLE	
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			liver	bile duct hyperplasia,<2>//basophilic cell focus,<1>	
			pancreas	NON-REMARKABLE	
			kidney	chronic nephropathy,<3>	
			urin bladd	NON-REMARKABLE	
			pituitary	cyst,<2>	
	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe '':Context	

ANIMAL : RAT F344 HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

PAGE: 132 Animal Death Information Time of Examination ID-NO. Week-Day Organ__ Findings_ 1122 SCHEDULED 105-1 thyroid NON-REMARKABLE NON-REMARKABLE parathyroid adrenal hyperplasia:cortical cell,<1> testis interstitial cell tumor, '0' epididymis NON-REMARKABLE NON-REMARKABLE semin ves prostate NON-REMARKABLE NON-REMARKABLE mammary gl brain hyaline body, <1> spinal cord NON-REMARKABLE periph nerv NON-REMARKABLE NON-REMARKABLE еуе Harder at NON-REMARKABLE muscle NON-REMARKABLE NON-REMARKABLE bone 1123 SCHEDULED 105-1 NON-REMARKABLE skin/app nasal cavit respiratory metaplasia,<1>,olfactory epithelium//deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1> trachea NON-REMARKABLE bronchiolar-alveolar adenoma, 0' lung/bronch bone marrow NON-REMARKABLE ():Comment <1>:Slight '':Context <2>:Moderate <3>:Marked <4>:Severe

(HPT050)

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1123	SCHEDULED	105-1	lymph node	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	deposit of hemosiderin,<2>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//basophilic cell focus,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<4>//lipoma,'0'
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0'
			thyroid	C-cell adenoma,'0'
			parathyroid	NON-REMARKABLE
			adrena l	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
	():Comment	<1>:Slight <2	:>:Moderate	<3>:Marked <4>:Severe '':Context

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

ANIMAL : RAT F344

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

					1 NGE • 104
Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings	
1123	SCHEDULED	105-1	semin ves	NON-REMARKABLE	
			prostate	hyperplasia,<1>	
			mammary gl	NON-REMARKABLE	
			brain	hyaline body,<1>	
			spinal cord	NON-REMARKABLE	
			periph nerv	NON-REMARKABLE	
			еуе	cataract,<1>	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
1124	SCHEDULED	105-1	skin/app	NON-REMARKABLE	
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>	
			trachea	NON-REMARKABLE	
			lung/bronch	NON-REMARKABLE	
			bone marrow	NON-REMARKABLE	
			lymph nade	NON-REMARKABLE	
			thymus	NOT-EXAMINE	
			spleen	deposit of hemosiderin,<1>	
			heart	myocardial fibrosis,<1>	
			tongue	NON-REMARKABLE	
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context	

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

PAGE: 135

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1124	SCHEDULED	105-1	salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<2>//basophilic cell focus,<1>//acidophilic cell focus,<1>//
				mixed cell focus,<2>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0'
			thyraid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	inflammation,<2>
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe ' ':Context

(HPT050)

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ANIMAL : RAT F344 ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
1124	SCHEDULED	105-1	spinal cord	NON-REMARKABLE	
			periph neru	NON-REMARKABLE	
			еуе	cataract,<1>	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
1125	SCHEDULED	105-1	skin/app	NON-REMARKABLE	
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>	
			trachea	NON-REMARKABLE	
			lung/branch	accumulation of foamy cells,<1>	
			bone marrow	NON-REMARKABLE	
			lymph node	NON-REMARKABLE	
			thymus	NOT-EXAMINE	
			spleen	deposit of hemosiderin,<2>	
			heart	myocardial fibrosis,<1>	
			tongue	NON-REMARKABLE	
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context	

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings_
1125	SCHEDULED	105-1	large intes	NON-REMARKABLE .
			liver	bile duct hyperplasia,<2>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	C-cell hyperplasia,<1>
			parathyroid	NOT-EXAMINE
			adrena l	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			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
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Seuere '':Context

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE GROUP NAME : 200 ppm

PAGE: 138 Animal Death Information Time of Examination ID-NO. Week-Day Organ__ Findings_ 1125 SCHEDULED 105-1 bane NON-REMARKABLE 1126 SCHEDULED 105-1 skin/app NON-REMARKABLE nasal cavit deposit of calcium, <1> trachea NON-REMARKABLE lung/branch NON-REMARKABLE bone marrow NON-REMARKABLE lymph node NON-REMARKABLE NON-REMARKABLE thymus spleen deposit of hemosiderin,<1> heart myocardial fibrosis,<1> tongue NON-REMARKABLE NON-REMARKABLE salivary gl esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<1> small intes NON-REMARKABLE large intes NON-REMARKABLE liver bile duct hyperplasia, $\langle 2 \rangle //$ spongiosis hepatis, $\langle 1 \rangle //$ acidophilic cell focus, $\langle 1 \rangle$ NON-REMARKABLE pancreas kidney chronic nephropathy, <3> NON-REMARKABLE urin bladd ():Comment <1>:Slight <2>:Moderate <3>:Marked '':Context <4>:Severe

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1 SEX : MALE

SEX : MALE GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings_
1126	SCHEDULED	105-1	pituitary	cyst,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	hyperplasia:medulla,<1>
			testis	interstitial cell tumor,'0'
	•		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
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
1127	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//inflammation:foreign body,<3>,respiratory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

nimal D-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
127	SCHEDULED	105-1	bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	extramedullary hematopoiesis,<1>
			heart	NON-REMARKABLE
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<2>//basophilic cell focus,<2>//vacuolated cell focus,<1>//
				acidophilic cell focus,<1>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	pheachromacytama,'0'
	():Comment	<1>:Slight <2:	: Moderate	<3>:Marked <4>:Seuere '':Context

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

ANIMAL : RAT F344

REPORT TYPE : A1 SEX : MALE

GROUP NAME : 200 ppm

JLK .	· HALE	INOUT WANTE . ZOU	PPIII	PAGE :
Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
	SCHEDULED	105-1	testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	preputial gland tumor,'0'
			brain	hyaline body,<2>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bone	NON-REMARKABLE
			adipose	granulation,<1>
1128	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//inflammation:foreign body,<2>,
				respiratory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
	():Comment	<1>:Slight	<2>:Moderate	<pre><3>:Marked <4>:Severe '':Context</pre>
(HDTOEO)				D.

STUDY NO. : 0063 REPORT TYPE : A1

ANIMAL

: RAT F344

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

deposit of hemosiderin,<1>

: MALE GROUP NAME :

SEX PAGE : 142 Animal Death Information Time of Examination ID-NO. Week-Day 0rgan_ Findings_ 1128 SCHEDULED 105-1 lymph node NON-REMARKABLE thymus NON-REMARKABLE

> heart myocardial fibrosis,<1> NON-REMARKABLE tongue

salivary gl NON-REMARKABLE esophagus NON-REMARKABLE

spleen

liver

urin bladd

gl stomach atrophy:glandular mucosa,<2>

NON-REMARKABLE small intes large intes NON-REMARKABLE

bile duct hyperplasia, $\langle 2 \rangle // vacuolated$ cell focus, $\langle 1 \rangle // clear$ cell focus, $\langle 1 \rangle$

NON-REMARKABLE pancreas

kidney chronic nephropathy, <2>

NON-REMARKABLE

pituitary hyperplasia,<1>

thyroid NON-REMARKABLE parathyroid NOT-EXAMINE

ganglioneuroma,'0' adrenal

testis interstitial cell tumor, '0'

epididymis NON-REMARKABLE

():Comment

<1>:Slight

<2>: Moderate

<3>:Marked

<4>:Severe

'':Context

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1128	SCHEDULED	105-1	semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			adipose	granulation,<1>
1129	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	accumulation of foamy cells,<1>
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>
			heart	myocardial fibrosis,<2>
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE GROUP NAME : 200 ppm

PAGE: 144 Animal Death Information Time of Examination ID-NO. Week-Day Organ___ Findings_ 1129 SCHEDULED 105-1 NON-REMARKABLE tongue salivary gl NON-REMARKABLE esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> small intes NON-REMARKABLE large intes NON-REMARKABLE liver bile duct hyperplasia, $\langle 2 \rangle //$ spongiosis hepatis, $\langle 2 \rangle //$ mixed cell focus, $\langle 1 \rangle$ NON-REMARKABLE pancreas kidney chronic nephropathy, <3> NON-REMARKABLE urin bladd pituitary hyperplasia,<2> thyroid C-cell adenoma, '0' //C-cell carcinoma, '0' parathyroid NON-REMARKABLE adrenal NON-REMARKABLE testis interstitial cell tumor, '0' NON-REMARKABLE epididymis NON-REMARKABLE semin ves prostate inflammation,<2> mammary gl NON-REMARKABLE NON-REMARKABLE brain '':Context ():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe

(HPT050)

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1129	SCHEDULED	105–1	spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1130	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/branch	interstitial penumonia,<1>//bronchiolar-alveolar adenoma,'0'
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tangue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal Death Information Time of Examination ID-NO. Week-Day Organ_ Findings_ 1130 SCHEDULED 105 - 1large intes NON-REMARKABLE liver bile duct hyperplasia,<2>//spongiosis hepatis,<1>//necrosis:focal,<2> atrophy,<1> pancreas kidney chronic nephropathy,<3> urin bladd NON-REMARKABLE pituitary cyst,<1> thyroid NON-REMARKABLE parathyroid NON-REMARKABLE adrenal NON-REMARKABLE testis interstitial cell tumor, '0' epididymis NON-REMARKABLE semin ves NON-REMARKABLE prostate NON-REMARKABLE mammary gl NON-REMARKABLE brain hyaline body,<1> NON-REMARKABLE spinal cord periph neru NON-REMARKABLE cataract,<1>//retinal atrophy,<1> өуө Harder gl NON-REMARKABLE muscle NON-REMARKABLE '':Cantext ():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe

(HPT050)

BAIS2

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1130	SCHEDULED	105-1	bane	NON-REMARKABLE
1131	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			subcutis	fibroma,'0'
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1
				//inflammation:foreign body,<2>,respiratory epithelium
			trachea	NON-REMARKABLE
			_ lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>//fibrosis,<2>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia, $\langle 2 \rangle // \text{spongiosis}$ hepatis, $\langle 1 \rangle // \text{vacuolated cell focus,} \langle 1 \rangle // \text{acidophilic cell focus,} \langle 1 \rangle // \text{spongiosis}$
			pancreas	atrophy,<2>
	():Camment	<1>:Slight <	(2>: Moderate	<3>:Marked <4>:Severe '':Context
(HPT050)				DAT

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
1131	SCHEDULED	105-1	kidney	chranic nephrapathy,<3>	
			urin bladd	NON-REMARKABLE	
			pituitary	NON-REMARKABLE	
			thyroid	NON-REMARKABLE	
			parathyroid	NON-REMARKABLE	
			adrenal	peliosis-like lesion,<1>//pheochromocytoma:malignant,'0'	
			testis	interstitial cell tumor,'0'	
			epididymis	NON-REMARKABLE	
			semin ves	NON-REMARKABLE	
			prostate	adenoma,'0'	
			mammary gl	NON-REMARKABLE	
			prep/cli gl	preputial gland tumor,'0'	
			brain	hyaline body,<1>	
			spinal cord	NON-REMARKABLE	
			periph nerv	NON-REMARKABLE	
			еуе	cataract,<1>//retinal atrophy,<1>	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
1132	SCHEDULED	105-1	skin/app	NON-REMARKABLE	
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context	

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1 SEX : MALE

SEX : MALE GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1132	SCHEDULED	105-1	nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>
			heart	myocardial fibrosis,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<1>
			pancreas	atrophy, $\langle 1 \rangle$
			kidney	chronic nephropathy,<1>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<1>
			thyroid	NON-REMARKABLE
•	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1132	SCHEDULED	105-1	parathyroid	NON-REMARKABLE
			adrena l	hyperplasia:medulla,<1>
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	inflammation,<1>
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<2>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1133	SCHEDULED	105-1	skin/app	keratoacanthoma,'0'
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Seuere '':Context

(HPT050)

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

SEX : MALE

GROUP NAME : 200 ppm

PAGE: 151 Animal Death Information Time of Examination ID-NO. Organ__ Week-Day Findings_ 1133 SCHEDULED 105-1 NOT-EXAMINE thymus spleen extramedullary hematopoiesis,<1> heart NON-REMARKABLE NON-REMARKABLE tongue salivary gl NON-REMARKABLE esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> small intes NON-REMARKABLE large intes NON-REMARKABLE liver bile duct hyperplasia, $\langle 1 \rangle // spongiosis$ hepatis, $\langle 1 \rangle // acidophilic$ cell focus, $\langle 1 \rangle // fatty$ change, $\langle 2 \rangle$ pancreas atrophy,<1> kidney chronic nephropathy, <4> urin bladd NON-REMARKABLE Rathke pouch, <1>//adenoma, '0' pituitary thyroid C-cell adenoma, '0' parathyroid NON-REMARKABLE adrenal hyperplasia:cortical cell,<2>//pheochromocytoma,'0' testis interstitial cell tumor, '0' epididymis NON-REMARKABLE semin ves NON-REMARKABLE

<4>:Severe

'':Context

(HPT050)

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

ANIMAL : RAT F344

3 HISTOLOGICAL FINDINGS (INDIVIDUAL) F344 ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

nimal D-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
.133	SCHEDULED	105-1	prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			өуө	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			adipose	granulation,<1>
134	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			subcutis	fibroma,'0'
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//eosinophilic change:respiratory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	extramedullary hematopoiesis,<1>
			heart	myocardial fibrosis,<1>
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context
(HPT050)	**			BAIS

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
1134	SCHEDULED	105-1	tangue	NON-REMARKABLE	
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			liver	bile duct hyperplasia,<1>//granulation,<1>	
			kidney	chronic nephropathy,<2>	
			urin bladd	NON-REMARKABLE	
			pituitary	adenoma,'0'	
			thyroid	NON-REMARKABLE	
			parathyroid	NON-REMARKABLE	
			panc islet	islet cell adenoma,'0'	
			adrenal	NON-REMARKABLE	
			testis	interstitial cell tumor,'0'	
			epididymis	NON-REMARKABLE	
			semin ves	NON-REMARKABLE	
			prostate	NON-REMARKABLE	
			mammary gl	NON-REMARKABLE	
			brain	hyaline body,<1>	
	():Comment	<1>:Slight <	2>:Moderate	<pre><3>:Marked <4>:Severe ' ':Context</pre>	

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1134	SCHEDULED	105-1	spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1135	DEAD	67-4	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<1>
			small intes	NON-REMARKABLE
	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

BAIS2

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1135	DEAD	67–4	large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<1>
			pancreas	atrophy,<3>
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'3'
			thyroid	goiter,<3>
٠			parathyroid	NON-REMARKABLE
			adrena l	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
	,		өуө	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe ' ':Context

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ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
1135	DEAD	67-4	bone	NON-REMARKABLE	
			Cause of Death	tumor death (PITUITARY TUMOR)	
1136	SCHEDULED	105-1	skin/app	NON-REMARKABLE	
			nasal cavit	deposit of calcium,<1>	
			trachea	NON-REMARKABLE	
			lung/bronch	NON-REMARKABLE	
			bone marrow	NON-REMARKABLE	
			lymph nade	NON-REMARKABLE	
			thymus	NON-REMARKABLE	
			spleen	deposit of hemosiderin,<2>	
			heart	NON-REMARKABLE	
			artery/aort	arteritis,<1>	
			tongue	NON-REMARKABLE	
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			liver	bile duct hyperplasia,<2>//hyperplasia,<1>	
	():Comment	<1>:Slight <2	2>:Moderate <	<pre> // Context </pre> <pre> // Context </pre>	

ANIMAL : RAT F344 HISTOLOGICAL FINDINGS (INDIVIDUAL) ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

PAGE: 157 Animal Death Information Time of Examination ID-NO. Week-Day 0rgan_ Findings_ 1136 SCHEDULED 105-1 pancreas atrophy,<1> kidney chronic nephropathy,<2> urin bladd NON-REMARKABLE pituitary adenoma,'0' thyroid NON-REMARKABLE parathyroid NON-REMARKABLE adrenal hyperplasia:medulla,<2> testis interstitial cell tumor, '0' epididymis NON-REMARKABLE semin ves NON-REMARKABLE prostate inflammation,<1> mammary gl NON-REMARKABLE brain hyaline body,<1> spinal cord NON-REMARKABLE periph nerv NON-REMARKABLE cataract,<1> еуе Harder gl NON-REMARKABLE muscle NON-REMARKABLE bane NON-REMARKABLE 1137 SCHEDULED 105-1 skin/app NON-REMARKABLE ():Comment '':Context <1>:Slight <2>:Moderate <3>:Marked <4>:Severe

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ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

ALL ANIMALS (0-104W)

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1137	SCHEDULED	105–1	nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	granulation,<1>
			thymus	NOT-EXAMINE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<2>
			artery/aort	arteritis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>//erosion,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//granulation,<3>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<4>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

BAIS2

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1137	SCHEDULED	105–1	thyroid	C-cell adenoma,'0'
			parathyroid	NON-REMARKABLE
			adrenal	pheochromocytoma,'0'
			testis	interstitial cell tumor,'0'
			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
			өуө	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1138	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//respiratory metaplasia,<1>,olfactory epithelium//inflammation:foreign body,<1>,
				respiratory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Seuere '':Context

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

imal ⊢NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
38	SCHEDULED	105-1	bone marrow	NON-REMARKABLE	
			lymph node	NON-REMARKABLE	
			thymus	NON-REMARKABLE	
			spleen	NON-REMARKABLE	
			heart	myocardial fibrosis,<1>	
			tongue	NON-REMARKABLE	•
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			liver	bile duct hyperplasia,<2>//cyst formation,<1>	
			pancreas	atrophy,<1>	
			kidney	chronic nephropathy,<3>	
			urin bladd	NON-REMARKABLE	
			pituitary	NON-REMARKABLE	
			thyroid	NON-REMARKABLE	
			parathyroid	NOT-EXAMINE	
			adrena l	NON-REMARKABLE	
			testis	interstitial cell tumor,'0'	
-10.1	():Comment	<1>:Slight <2	testis >:Moderate	interstitial cell tumor,'0' <3>:Marked <4>:Severe '	

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ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

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Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1138	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
			еуе	cataract,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1139	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
				//eosinophilic change:respiratory epithelium,<1>//inflammation:foreign body,<1>,respiratory epithelium
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
	():Comment	<1>:Slight	<2>:Moderate	<pre><3>:Marked <4>:Seuere '':Context</pre>

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

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Animal ID-NO.	Death Information	Time of Examination Week-Day	n Organ	Findings
1139	SCHEDULED	105-1	heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//granulation,<1>//hepatocellular adenoma,'0'
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	Rathke pouch,<2>//adenoma,'0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrena l	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	hyperplasia,<1>
			mammary gl	NON-REMARKABLE
***************************************	():Comment	<1>:Slight	<2>:Moderate	<3>:Marked <4>:Severe '':Context

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ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
1139	SCHEDULED	105-1	brain	hyaline body,<1>	
			spinal cord	NON-REMARKABLE	
			periph nerv	NON-REMARKABLE	
			еуе	cataract,<2>	
			Harder gl	NON-REMARKABLE	
			muscle	NON-REMARKABLE	
			bane	NON-REMARKABLE	
1140	SCHEDULED	105-1	skin/app	NON-REMARKABLE	
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>	
			trachea	NON-REMARKABLE	
			lung/bronch	NON-REMARKABLE	
			bone marrow	NON-REMARKABLE	
			lymph nade	NON-REMARKABLE	
			thymus	NON-REMARKABLE	
			spleen	NON-REMARKABLE	
			heart	myocardial fibrosis,<2>	
			tongue	NON-REMARKABLE	
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
***************************************	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context	

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

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mal NO.	Death Information	Time of Examination Week-Day	Organ	Findings
10	SCHEDULED	105–1	small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//granulation,<2>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	hyperplasia,<2>
			thyroid	C-cell adenoma,'0'
			parathyroid	NOT-EXAMINE
			adrena l	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	hyperplasia,<1>
			mammary gl	fibroadenoma,'0'
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			өуө	cataract,<1>
			Harder gl	NON-REMARKABLE
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

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Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1140	SCHEDULED	105-1	muscle	NON-REMARKABLE
			bane.	NON-REMARKABLE
1141	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//inflammation:foreign body,<1>,respiratory epithelium
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<2>
			tongue	papilloma,'0'
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<1>//herniation,<1>//granulation,<2>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<4>
	():Comment	<1>:Slight <2	:>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

Animal Death Information Time of Examination ID-NO. Week-Day 0rgan_ Findings_ 1141 SCHEDULED 105-1 urin bladd NON-REMARKABLE adenoma,'0' pituitary NON-REMARKABLE thyroid NON-REMARKABLE parathyroid adrena l hyperplasia:medulla,<1> testis interstitial cell tumor, '0' epididymis NON-REMARKABLE NON-REMARKABLE semin ves prostate inflammation,<1> NON-REMARKABLE mammary gl brain hyaline body,<1> NON-REMARKABLE spinal cord NON-REMARKABLE periph nerv еуе cataract,<1> Harder gl NON-REMARKABLE NON-REMARKABLE muscle bane NON-REMARKABLE adipose granulation, $\langle 1 \rangle$ 1142 SCHEDULED 105-1 NON-REMARKABLE skin/app eosinophilic change:olfactory epithelium,<1>//eosinophilic change:respiratory epithelium,<1> nasal cavit ():Comment <1>:Slight <3>:Marked '':Context <2>: Moderate <4>:Severe

(HPT050)

BAIS2

ANIMAL

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

PAGE: 167 Animal Death Information Time of Examination ID-NO. Week-Day 0rgan__ Findings_ 1142 SCHEDULED 105-1 trachea NON-REMARKABLE lung/bronch accumulation of foamy cells,<1> NON-REMARKABLE bone marrow lymph nade NON-REMARKABLE thymus NON-REMARKABLE spleen deposit of hemosiderin,<1> heart myocardial fibrosis,<2> NON-REMARKABLE tongue NON-REMARKABLE salivary gl esophagus NON-REMARKABLE gl stomach atrophy:glandular mucosa,<2> NON-REMARKABLE small intes NON-REMARKABLE large intes liver bile duct hyperplasia, <2>//mixed cell focus, <1> NON-REMARKABLE pancreas kidney chronic nephropathy,<3>//cyst,<2> urin bladd NON-REMARKABLE pituitary NON-REMARKABLE nodular goiter,<2> thyroid NON-REMARKABLE parathyroid '':Context ():Comment <1>:Slight <2>:Moderate <3>:Marked <4>:Severe

(HPT050)

ANIMAL : RAT F344 HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

PAGE: 168 Animal Death Information Time of Examination ID-NO. Week-Day 0rgan__ Findings_ 1142 SCHEDULED 105-1 pheochromocytoma, '0' adrenal testis interstitial cell tumor, '0' epididymis NON-REMARKABLE semin ves NON-REMARKABLE NON-REMARKABLE prostate mammary gl NON-REMARKABLE brain hyaline body, <1> spinal cord NON-REMARKABLE NON-REMARKABLE periph nerv өуө cataract,<1> Harder gl NON-REMARKABLE NON-REMARKABLE muscle NON-REMARKABLE bone peritoneum mesothelioma, '0' adipose granulation,<1> 1143 SCHEDULED 105-1 skin/app NON-REMARKABLE nasal cavit deposit of calcium,<1> NON-REMARKABLE trachea lung/bronch osseous metaplasia,<1> bone marrow NON-REMARKABLE

<4>:Severe

'':Context

(HPT050)

():Comment

<1>:Slight

<2>:Moderate

<3>:Marked

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

PAGE : 169

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1143	SCHEDULED	105-1	lymph node	granulation,<1>
			thymus	NOT-EXAMINE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<2>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//hepatocellular adenoma,'0'
			pancreas	NOT-EXAMINE
			kidney	chronic nephropathy,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrena l	NON-REMARKABLE
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

PAGE: 170

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1143	SCHEDULED	105-1	semin ves	NON-REMARKABLE
			prostate	inflammation,<2>
			mammary gl	NON-REMARKABLE
			brain	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1144	DEAD	95-6	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//inflammation:foreign body,<1>,respiratory epithelium//thrombus,<3>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	erythropoiesis:increased,<1>
			lymph nade	NON-REMARKABLE
			thymus	NOT-EXAMINE
			spleen	extramedullary hematopoiesis,<2>
			heart	myocardial fibrosis,<1>//thrombus,<2>,organization
	8		tongue	NON-REMARKABLE
W-1-111	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

PAGE: 171

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1144	DEAD	95–6	salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			Liver	bile duct hyperplasia,<1>//necrosis:central,<3>
			pancreas	atrophy,<1>
			kidney	tubular necrosis,<2>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'1'
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrena l	hyperplasia:medulla,<1>
			testis	interstitial cell tumor,'1'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	NON-REMARKABLE
			mammary gl	NON-REMARKABLE
			prep/cli gl	preputial gland tumor, 2'
			brain	NON-REMARKABLE
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

PAGE: 172

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1144	DEAD	95-6	spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			өуе	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			Cause of Death	hepatic lesion
1145	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	eosinophilic change:olfactory epithelium,<1>//deposit of calcium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			artery/aort	arteritis,<3>
			tangue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
	():Comment	<1>:Slight <2	2>:Moderate <	3>:Marked <4>:Severe '':Context

(HPT050)

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

PAGE: 173

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1145	SCHEDULED	105-1	esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<2>
			pancreas	NON-REMARKABLE
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	C-cell hyperplasia,<1>
			parathyroid	NON-REMARKABLE
			adrena l	NON-REMARKABLE
			testis	interstitial cell tumor,'O'
			epididymis	NON-REMARKABLE .
			semin ves	NON-REMARKABLE
			prostate	inflammation,<1>
			mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe ' ':Context

(HPT050)

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1145	SCHEDULED	105-1	еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1146	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<1>//acidophilic cell focus,<1>//granulation,<1>
	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe '':Context

: RAT F344

Death Information

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

ANIMAL

Animal

SEX : MALE GROUP NAME : 200 ppm Time of Examination

Findings_

ID-NO. Week-Day Organ___ 1146 SCHEDULED 105-1 NON-REMARKABLE pancreas kidney chronic nephropathy,<2>//deposit of hemosiderin,<2> urin bladd NON-REMARKABLE pituitary NON-REMARKABLE thyroid NON-REMARKABLE parathyroid NOT-EXAMINE adrenal hyperplasia:medulla,<2> testis interstitial cell tumor, '0' NON-REMARKABLE epididymis semin ves NON-REMARKABLE prostate NON-REMARKABLE adenoma,'0' mammary gl brain NON-REMARKABLE spinal cord NON-REMARKABLE NON-REMARKABLE periph neru еуе cataract,<1> Harder gl NON-REMARKABLE muscle NON-REMARKABLE bane NON-REMARKABLE 1147 SCHEDULED 105-1 skin/app NON-REMARKABLE '':Context ():Comment <1>:Slight <2>:Moderate <3>:Marked

<4>:Severe

(HPT050)

BAIS2

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1147	SCHEDULED	105–1	nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
	•		small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>//vacuolated cell focus,<1>//acidophilic cell focus,<1>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	adenoma,'0'
			thyroid	C-cell adenoma,'0'
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1147	SCHEDULED	105-1	parathyroid	NON-REMARKABLE
			adrenal	pheochromocytoma,'0'
			testis	interstitial cell tumor,'0'
			epididymis	NON-REMARKABLE
			semin ves	NON-REMARKABLE
			prostate	inflammation,<2>
			mammary gl	NON-REMARKABLE
			brain .	hyaline body,<1>
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
			adipose	granulation,<1>
1148	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>
			trachea	NON-REMARKABLE
			lung/bronch	NON-REMARKABLE .
			bone marrow	NON-REMARKABLE
	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe '':Context
(HPT050)				DATES

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings_
1148	SCHEDULED	105–1	lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	NON-REMARKABLE
			heart	myocardial fibrosis,<2>
			artery/aort	arteritis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
			esophagus	NON-REMARKABLE
			gl stomach	atrophy:glandular mucosa,<2>
			small intes	NON-REMARKABLE
			large intes	NON-REMARKABLE
			liver	bile duct hyperplasia,<2>
			pancreas	atrophy,<1>
			kidney	chronic nephropathy,<3>
			urin bladd	NON-REMARKABLE
			pituitary	NON-REMARKABLE
			thyroid	NON-REMARKABLE
			parathyroid	NON-REMARKABLE
			adrenal	pheochromacytama,'0'
			testis	interstitial cell tumor,'0'
-	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Cantext

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

Animal ID-NO.	Death Information	Time of Examination Week-Day	0rgan	Findings
1148	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
			өуө	NON-REMARKABLE
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1149	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	deposit of calcium,<1>//eosinophilic change:olfactory epithelium,<1>//inflammation:foreign body,<1>,
				respiratory epithelium
			trachea	NON-REMARKABLE .
			lung/bronch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph node	NON-REMARKABLE
			thymus	NON-REMARKABLE
			spleen	deposit of hemosiderin,<1>
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context

ANIMAL : RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

nimal D-NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
149	SCHEDULED	105-1	heart	myocardial fibrosis,<1>	
			artery/aort	arteritis,<3>	
			tongue	NON-REMARKABLE	
			salivary gl	NON-REMARKABLE	
			esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			liver	bile duct hyperplasia,<2>//spongiosis hepatis,<2>	
			pancreas	atrophy,<1>	
			kidney	chronic nephropathy,<3>	
			urin bladd	NON-REMARKABLE	
			pituitary	NON-REMARKABLE	
			thyroid	NOT-EXAMINE	
			parathyroid	NOT-EXAMINE	
			adrenal	NON-REMARKABLE	
			testis	interstitial cell tumor,'0'	
			epididymis	NON-REMARKABLE	
			semin ves	NON-REMARKABLE	
			prostate	NON-REMARKABLE	
	():Comment	<1>:Slight <	2>:Moderate	<3>:Marked <4>:Severe '':Context	

ANIMAL : RAT F344

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

REPORT TYPE : A1 SEX : MALE

GROUP NAME : 200 ppm

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1149	SCHEDULED	105-1	mammary gl	NON-REMARKABLE
			brain	NON-REMARKABLE
			spinal cord	NON-REMARKABLE
			periph nerv	NON-REMARKABLE
			еуе	cataract,<1>//retinal atrophy,<1>
			Harder gl	NON-REMARKABLE
			muscle	NON-REMARKABLE
			bane	NON-REMARKABLE
1150	SCHEDULED	105-1	skin/app	NON-REMARKABLE
			nasal cavit	respiratory metaplasia,<1>,olfactory epithelium//eosinophilic change:olfactory epithelium,<1>//
				inflammation:foreign body,<1>,respiratory epithelium
			trachea	NON-REMARKABLE
			lung/branch	NON-REMARKABLE
			bone marrow	NON-REMARKABLE
			lymph nade	granulation,<2>
			thymus	NON-REMARKABLE
			spleen	mononuclear cell leukemia,'0'
	,		heart	myocardial fibrosis,<1>
			tongue	NON-REMARKABLE
			salivary gl	NON-REMARKABLE
	():Comment	<1>:Slight <2	2>:Moderate	<3>:Marked <4>:Severe ' ':Context

(HPT050)

ANIMAL : RAT F344

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

REPORT TYPE : A1

SEX : MALE

GROUP NAME : 200 ppm

PAGE: 182

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings	
1150	SCHEDULED	105–1	esophagus	NON-REMARKABLE	
			gl stomach	atrophy:glandular mucosa,<2>	
			small intes	NON-REMARKABLE	
			large intes	NON-REMARKABLE	
			liver	bile duct hyperplasia,<1>//herniation,<2>//basophilic cell facus,<1>//leukemic cell infiltration,<1>	
			pancreas	atrophy,<1>	
			kidney	chronic nephropathy,<2>	
			urin bladd	NON-REMARKABLE	
			pituitary	NON-REMARKABLE	
			thyroid	NON-REMARKABLE	
			parathyroid	NON-REMARKABLE	
			adrenal	NON-REMARKABLE	
			testis	interstitial cell tumor,'0'	
			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	
	():Comment	<1>:Slight <2	>:Moderate	<3>:Marked <4>:Seuere '':Context	

(HPT050)

ANIMAL

: RAT F344

HISTOLOGICAL FINDINGS (INDIVIDUAL)

ALL ANIMALS (0-104W)

REPORT TYPE : A1

SEX : MALE GROUP NAME : 200 ppm

PAGE : 183 Animal Death Information Time of Examination ID-NO. Week-Day Organ____ Findings___ 1150 SCHEDULED 105-1 cataract,<1>//retinal atrophy,<1> өуө Harder gl NON-REMARKABLE muscle NON-REMARKABLE bane NON-REMARKABLE ():Comment '':Context <1>:Slight <2>:Moderate <3>:Marked <4>:Severe

(HPT050)