

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

(U1 ~ U2)

がん原性試験 NO. 0063 ; 0064

APPENDIX U1

GROSS FINDINGS (INDIVIDUAL)

RAT:MALE

STUDY NO. : 0063
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : MALE

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1001	DEAD	102-3	lung/branch	red
			small intes	gas
			large intes	gas
			testis	nodule,yellow, left
			other	nodule, lower jaw, solid, hard, white, gray, neck, 20, mm
1002	SCHEDULED	105-1	liver	cyst, 1, mm
			testis	nodule, white, yellow, bi lateral // enlarged, left
1003	SCHEDULED	105-1	subcutis	mass, black, 5, mm
			testis	nodule, white, yellow, bi lateral // enlarged, left
1004	SCHEDULED	105-1	testis	nodule, white, yellow, bi lateral
			eye	white, right
1005	SCHEDULED	105-1	pituitary	nodule, black, 2, mm
			testis	nodule, white, yellow, bi lateral
1006	SCHEDULED	105-1	kidney	granular, slight, bi lateral
			testis	nodule, white, yellow, bi lateral // enlarged, marked, right
1007	SCHEDULED	105-1	testis	nodule, white, yellow, bi lateral // enlarged, right
			adipose	nodule, yellow, 8, 7, 3, mm, peritoneal cavity
1008	SCHEDULED	105-1	subcutis	mass, 156, g, elastic, hard, white
			spleen	infarct, 3, mm
			testis	nodule, white, yellow, bi lateral // enlarged, left

(): Comment

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GROSS FINDINGS (INDIVIDUAL)
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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
			adipose	nodule,yellow,6,mm,peritoneal cavity
1009	SCHEDULED	105-1	liver	herniation,13,7,6,mm//nodule,yellow,2,mm,median,lobe
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
1010	DEAD	97-7	subcutis	mass,solid,white,120,mm
			spleen	nodule,cyst,red,dark,30,mm
			testis	nodule,white,yellow,bilateral
			abdominal c	hemorrhage,moderate
1011	SCHEDULED	105-1	kidney	granular,slight,bilateral
			pituitary	red patch/zone,1,mm
			testis	nodule,white,yellow,bilateral//enlarged,bilateral
1012	SCHEDULED	105-1	kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral//enlarged,bilateral
1013	SCHEDULED	105-1	liver	white,yellow patch/zone,2,mm
			kidney	granular,slight,bilateral
			pituitary	nodule,white,gray,4,mm
			testis	nodule,white,yellow,bilateral
			prep/cli gl	nodule,23,18,12,mm,left
1014	SCHEDULED	105-1	pituitary	red patch/zone,2,mm
			testis	nodule,white,yellow,bilateral

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
			prep/cli gl	nodule,10,12,mm
1015	SCHEDULED	105-1	lung/branch	nodule,25,16,mm,white,yellow,brown,yellow,induration
			kidney	granular,slight,bilateral
			thyroid	nodule,white,gray,1,mm,left
			testis	nodule,white,yellow,bilateral//enlarged,bilateral
1016	SCHEDULED	105-1	lung/branch	white patch/zone,1,mm,lobe,left
			salivary gl	mass,14,13,8,white,left
			pituitary	enlarged,red,8,mm
			testis	nodule,white,yellow,bilateral
			adipose	nodule,yellow,8,7,3,mm,abdominal cavity
1017	SCHEDULED	105-1	liver	nodule,7,mm,brown
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral//enlarged,bilateral
			eye	white,left
1018	SCHEDULED	105-1	pituitary	nodule,white,red,7,3,mm
			testis	nodule,white,yellow,right
			eye	white,right
			peritoneum	nodule,multiple
1019	SCHEDULED	105-1	liver	brown patch/zone,2,mm,single
			testis	nodule,white,yellow,bilateral//enlarged,right

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 ALL ANIMALS (0-104#)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1020	SCHEDULED	105-1	testis	nodule,white,yellow,bi lateral//enlarged, left
			eye	yellow,right//white, left
1021	DEAD	100-6	kidney	granular,moderate,bi lateral
			thyroid	enlarged,red,10,mm,right
			testis	nodule,white,yellow,bi lateral
			abdominal c	ascites,brown,slight
			thoracic ca	pleural fluid,transparent,slight
1022	SCHEDULED	105-1	spleen	enlarged,6,2,1,cm,moderate
			kidney	granular,slight,bi lateral
			adrenal	enlarged,6,mm,brown, left
			testis	atrophic,right//nodule,white,yellow, left
1023	SCHEDULED	105-1	kidney	granular,slight,bi lateral
			pituitary	cyst,3,mm
			testis	nodule,white,yellow,bi lateral//enlarged,bi lateral
1024	SCHEDULED	105-1	kidney	granular,slight,bi lateral
			testis	nodule,white,yellow,bi lateral//enlarged,bi lateral
			semin ves	atrophic,bi lateral
1025	SCHEDULED	105-1	kidney	granular,slight,bi lateral
			thyroid	nodule,white,3,2,mm,right
			testis	nodule,white,yellow,bi lateral

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1026	SCHEDULED	105-1	skin/app	nodule,ulcer,25,28,11,mm
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
			semin ves	atrophic,bilateral
1027	SCHEDULED	105-1	Liver	rough
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
			semin ves	atrophic,bilateral
1028	SCHEDULED	105-1	subcutis	mass,white,4,3,2,cm
			spleen	enlarged,slight
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,left//atrophic,right
			semin ves	atrophic,bilateral
1029	SCHEDULED	105-1	testis	nodule,white,yellow,bilateral//enlarged,right
			semin ves	atrophic,bilateral
1030	DEAD	103-7	kidney	granular,slight,bilateral
			pituitary	enlarged,red,8,mm
1031	SCHEDULED	105-1	subcutis	mass,4,3,1,cm,hard,lower,right,abdomen
			Lung/branch	nodule,brown,pale,3,1,mm,lobe,lower
			Liver	brown patch/zone,pale,2,1,mm,median,lobe,left,lobe

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
			testis	nodule,white,gray, left//enlarged, left
1032	MORIBUND	97-7	gl stomach	thick
			prep/cli gl	nodule,abscess,15,10,mm
			peritoneum	nodule,multiple
			abdominal c	ascites,brown,severe
			whole body	anemic
1033	DEAD	100-7	subcutis	mass,19,17,6,mm,white,solid,abdomen
			lung/branch	red
			lymph node	enlarged,slight,neck,mediastinum
			gl stomach	abscess,single
			testis	nodule,white,yellow,bilateral
			eye	red,right
1034	SCHEDULED	105-1	subcutis	mass,white,18,mm
			kidney	granular,slight,bilateral
			pituitary	red patch/zone,2,mm
			testis	nodule,white,yellow,bilateral//enlarged,right
			adipose	nodule,yellow,6,mm,abdominal cavity
1035	SCHEDULED	105-1	lung/branch	nodule,median,lobe,anterior
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1036	DEAD	96-3	mediastinum	mass,brown,red,white
			thoracic ca	pleural fluid,hemorrhage,moderate
			lung/branch	red,patch,scattering
			spleen	enlarged,57,18,12,mm
			liver	enlarged,slight//granular
			testis	nodule,white,yellow,bilateral
			thoracic ca	pleural fluid,transparent,moderate
1037	SCHEDULED	105-1	subcutis	mass,white,3,cm
			testis	nodule,white,yellow,bilateral//enlarged,left
1038	SCHEDULED	105-1	kidney	granular,slight,bilateral
			pituitary	red patch/zone,3,mm
			testis	nodule,white,yellow,bilateral//enlarged,right
1039	MORIBUND	98-7	pituitary	enlarged,brown,8,10,mm
			abdominal c	ascites,transparent,slight
1040	SCHEDULED	105-1	kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
1041	MORIBUND	86-4	lung/branch	white patch/zone,gray,multiple
			lymph node	enlarged,red,neck
			spleen	enlarged,slight,50,15,10,mm
			gl stomach	ulcer,a few

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GROSS FINDINGS (INDIVIDUAL)
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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			Liver	nodule,white,1,3,mm,a few, left,lobe
			kidney	nodule,white,3,4,mm, left//granular,moderate,green,bi lateral
			pituitary	enlarged,brown,red,6,5,6,mm
			adipose	nodule,yellow,red,8,5,3,mm
1042	SCHEDULED	105-1	kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bi lateral//enlarged,bi lateral
1043	SCHEDULED	105-1	lung/bronch	mass,3,2,1,mm,lobe,upper//atelectasis,lobe,median
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bi lateral
			semin ves	atrophic,bilateral
			thoracic ca	hemorrhage,marked
1044	SCHEDULED	105-1	kidney	granular,slight,bilateral
			testis	nodule,white,yellow//enlarged,bi lateral
			semin ves	atrophic
			prep/cli gl	nodule,green,13,mm
1045	SCHEDULED	105-1	testis	nodule,white,yellow,bi lateral
			semin ves	atrophic,bilateral
1046	SCHEDULED	105-1	subcutis	mass,green,13,mm,abdomen
			kidney	granular,bilateral,slight
			pituitary	enlarged,red,5,mm

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			adipose	nodule,yellow,3,mm
1047	MORIBUND	65-7	st stomach	fluid,black
1048	SCHEDULED	105-1	subcutis	mass,white,red,16,mm
			lung/branch	nodule,lobe,right,anterior,2,mm,white,gray
			kidney	granular,bilateral
			thyroid	nodule,5,3,2,mm,white,gray
			testis	nodule,white,yellow,bilateral//left,enlarged
1049	SCHEDULED	105-1	tongue	white patch/zone,3,mm
			kidney	granular,bilateral,slight
			testis	nodule,white,yellow,bilateral//enlarged, left
			semin ves	atrophic,bilateral
			eye	white, left
1050	SCHEDULED	105-1	subcutis	mass,white,hard,5,6,3,cm,breast,right
			kidney	granular,bilateral,slight
			testis	nodule,white,yellow,bilateral
			semin ves	atrophic,bilateral
			vertebra	deformed
			whole body	anemic

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1101	DEAD	65-3	lung/branch	red,dark
1102	SCHEDULED	105-1	spleen	enlarged,slight,5,1,cm
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
1103	SCHEDULED	105-1	skin/app	nodule,keratinized,17,mm,dorsal
			testis	nodule,white,yellow,bilateral//enlarged,right
1104	SCHEDULED	105-1	subcutis	mass,7,6,5,cm,elastic,hard,neck, left
			spleen	hemorrhage
			liver	cyst,1,2,mm,a few
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral//enlarged, left
1105	SCHEDULED	105-1	kidney	granular,slight,bilateral
			pituitary	enlarged,red,5,mm
			testis	nodule,white,yellow,bilateral//atrophic,right
1106	SCHEDULED	105-1	lung/branch	nodule,white,gray,2,mm,lobe,posterior
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
			prep/cli gl	nodule,white,gray,9,5,mm,right
			adipose	nodule,5,2,5,mm,abdominal cavity
			other	fluid,ear,green

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1107	SCHEDULED	105-1	Lung/branch	nodule,brown,red,white,gray,1,2,mm
			pituitary	nodule,red,2,mm
			testis	nodule,white,yellow,bilateral//enlarged,right
1108	SCHEDULED	105-1	Liver	herniation,4,mm
			testis	nodule,white,yellow,bilateral//enlarged,right
1109	SCHEDULED	105-1	Lung/branch	brown patch/zone,pale,2,mm,lobe,middle
			pancreas	nodule,white,gray,1,mm,3,mm,scattering
			testis	nodule,white,yellow,bilateral//enlarged,bilateral
1110	SCHEDULED	105-1	Liver	nodule,brown,5,4,mm,lobe,right,anterior
			pituitary	nodule,red,3,mm
1111	SCHEDULED	105-1	kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
1112	SCHEDULED	105-1	Lung/branch	white patch/zone,gray,1,mm,lobe,right,anterior
			pituitary	nodule,red,2,mm
			testis	nodule,white,yellow,right
1113	DEAD	95-6	spleen	nodule,white,10,mm,10,mm
			kidney	black,bilateral
			testis	nodule,white,yellow,bilateral
			peritoneum	nodule,multiple
			abdominal c	ascites,brown,severe

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1114	SCHEDULED	105-1	heart	nodule,ventricle,white,gray,5,mm,hard,right
			liver	brown,yellow patch/zone,a few,1,mm
			kidney	granular,slight,bilateral
1115	SCHEDULED	105-1	liver	cyst,multiple,2,mm
			kidney	granular,slight,bilateral
			thyroid	enlarged,brown,dark,6,3,mm,left
			testis	nodule,white,yellow,bilateral//enlarged,bilateral
1116	SCHEDULED	105-1	gl stomach	ulcer
			kidney	granular,moderate,bilateral
			pituitary	enlarged,brown,8,mm
			testis	nodule,white,yellow,left
1117	SCHEDULED	105-1	testis	nodule,white,yellow,bilateral//enlarged,bilateral
1118	MORIBUND	85-7	subcutis	jaundice
			lymph node	enlarged,red,pancreas,10,mm
			spleen	enlarged,80,20,10,mm//granular
			gl stomach	ulcer,multiple
			liver	granular,multiple,scattering
			testis	nodule,yellow,white,bilateral
			whole body	jaundice
1119	SCHEDULED	105-1	testis	nodule,white,yellow,bilateral//enlarged,bilateral

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GROSS FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104#)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			adipose	nodule,yellow,abdominal cavity
1120	SCHEDULED	105-1	subcutis	mass,fluid,yellow,22,20,15,mm
			Liver	white,yellow patch/zone,3,2,mm,lobe,median
			testis	nodule,white,yellow,bi lateral//enlarged,bi lateral
1121	SCHEDULED	105-1	Kidney	granular,slight,bi lateral
			testis	nodule,white,yellow,bi lateral//enlarged,right
1122	SCHEDULED	105-1	testis	nodule,white,yellow,bi lateral//enlarged,right
1123	SCHEDULED	105-1	subcutis	mass,fluid,white,1,cm,axilla
			lung/branch	gray patch/zone,6,4,mm
			kidney	granular,moderate,bi lateral//nodule,white,4,5,mm, left
			pituitary	nodule,red,4,mm
			testis	nodule,red, left//atrophic,bi lateral
1124	SCHEDULED	105-1	kidney	granular,slight,bi lateral
			pituitary	red patch/zone,2,mm
			testis	nodule,white,yellow, left
1125	SCHEDULED	105-1	kidney	granular,slight,bi lateral
			testis	nodule,white,yellow,bi lateral//enlarged,bi lateral
1126	SCHEDULED	105-1	kidney	granular,slight,bi lateral
			testis	nodule,white,yellow,bi lateral
			semin ves	atrophic,bi lateral

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1127	SCHEDULED	105-1	subcutis	mass,ulcer,genital,6,3,2,cm
			liver	cyst,1,mm,a few,lobe,left
			pituitary	red patch/zone,2,*,4,mm
			adrenal	enlarged,13,mm,gray,left
			testis	nodule,white,yellow,bi lateral
			semin ves	atrophic,left
			adipose	nodule,yellow,19,mm,abdominal cavity
1128	SCHEDULED	105-1	testis	nodule,white,yellow,bi lateral
			semin ves	atrophic,bi lateral
			adipose	nodule,red,8,mm
1129	SCHEDULED	105-1	testis	nodule,white,yellow,bi lateral//enlarged,left
			semin ves	atrophic,bi lateral
1130	SCHEDULED	105-1	lung/branch	nodule,white,2,mm,lobe,posterior
			liver	rough
			kidney	granular,slight,bi lateral
			testis	nodule,white,yellow,bi lateral//enlarged,bi lateral
			semin ves	atrophic,bi lateral
1131	SCHEDULED	105-1	subcutis	mass,3,2,1,cm,elastic,hard,abdomen
			spleen	infarct,8,6,mm,lower
			kidney	granular,slight,bi lateral

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			adrenal	enlarged,red,white,15,12,10,mm
			testis	nodule,white,yellow,bilateral//atrophic,right//enlarged, left
			prep/cli gl	nodule,13,12,mm,abscess
1132	SCHEDULED	105-1	liver	herniation,3,2,mm
			testis	nodule,white,yellow,bilateral//enlarged, left
			eye	white, left
1133	SCHEDULED	105-1	liver	red patch/zone,1,mm,a few,scattering,2,mm
			kidney	granular,moderate,bilateral
			thyroid	enlarged,4,3,mm,right
			adrenal	enlarged,9,8,mm, left
			testis	nodule,white,yellow//atrophic,bilateral
			prep/cli gl	nodule,abscess,15,14,12,mm
			adipose	nodule,yellow,3,mm,abdominal cavity
1134	SCHEDULED	105-1	subcutis	mass,10,7,4,cm
			testis	nodule,white,yellow,bilateral//enlarged,right
1135	DEAD	67-4	lung/branch	congestion
			pituitary	enlarged,6,mm,red,dark
1136	SCHEDULED	105-1	kidney	granular,slight,bi lateral
			pituitary	red patch/zone,1,mm
			testis	nodule,white,yellow,bilateral

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1137	SCHEDULED	105-1	Lymph node	enlarged,5,mm,retroperitoneum
			heart	white,ventricle,6,mm,6,mm
			kidney	granular,moderate,bilateral
			testis	nodule,white,yellow,bilateral//enlarged,left
1138	SCHEDULED	105-1	kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral//enlarged,right
1139	SCHEDULED	105-1	Liver	nodule,4,2,cm,4,mm,brown
			pituitary	nodule,red,4,mm
			testis	nodule,white,yellow,bilateral//enlarged,left
1140	SCHEDULED	105-1	subcutis	mass,white,17,mm,abdomen
			testis	nodule,white,yellow,bilateral
1141	SCHEDULED	105-1	Liver	herniation,3,4,3,mm
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral//enlarged,bilateral
			adipose	nodule,yellow,6,5,3,mm,abdominal cavity
1142	SCHEDULED	105-1	kidney	granular,slight,bilateral//nodule,white,gray,cyst,3,mm,right
			adrenal	enlarged,4,mm,right
			testis	atrophic,right//nodule,white,yellow,left//enlarged,left
			adipose	nodule,yellow,4,mm,abdominal cavity
1143	SCHEDULED	105-1	kidney	granular,slight,bilateral

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 ALL ANIMALS (0-104W)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
			testis	nodule,white,yellow, left
1144	DEAD	95-6	subcutis	mass,white,gray,abscess,45,mm,45,mm,genital//edema,slight
			lung/branch	red
			testis	nodule,white,yellow, left
			thoracic ca	pleural fluid,transparent,moderate
1145	SCHEDULED	105-1	kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
			semin ves	atrophic,bilateral
1146	SCHEDULED	105-1	subcutis	mass,brown,8,mm
			Liver	adhesion
			testis	nodule,white,yellow,bilateral
			semin ves	atrophic,bilateral
1147	SCHEDULED	105-1	kidney	granular,bilateral,slight
			testis	nodule,white,yellow,bilateral
			adipose	nodule,yellow,7,mm,abdominal cavity
1148	SCHEDULED	105-1	kidney	granular,moderate
			testis	nodule,white,yellow,bilateral
			semin ves	atrophic,bilateral
1149	SCHEDULED	105-1	kidney	granular,bilateral,slight
			thyroid	enlarged,red,3,2,mm, left

():Comment

STUDY NO. : 0063
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : MALE

GROUP NAME : 200 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
			testis	nodule,white,yellow,bilateral
1150	SCHEDULED	105-1	spleen	enlarged,moderate,7,2,1,cm
			liver	herniation,8,5,6,mm
			kidney	granular,bilateral,slight
			testis	nodule,white,yellow,bilateral//enlarged,bilateral
			semin ves	atrophic,bilateral

():Comment

(HPT045)

BAIS2

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 1000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1201	SCHEDULED	105-1	spleen	enlarged,slight
			liver	white patch/zone,slight,lobe,right,anterior
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
1202	DEAD	94-3	Lung/branch	red
			spleen	enlarged,slight
			testis	nodule,yellow,bilateral
			brain	red patch/zone,a few,1,mm
1203	DEAD	103-4	thoracic ca	pleural fluid,hemorrhage,moderate
			skin/app	nodule,ulcer,21,20,8,mm,keratinized
			gl stomach	red patch/zone,multiple
			urin bladd	urine:brown
1204	SCHEDULED	105-1	testis	nodule,white,yellow,bilateral
			other	nodule,ulcer,keratinized,5,4,3,cm,basilar area of the ear
			spleen	infarct,4,mm,lower
			kidney	granular,slight,bilateral
			thyroid	nodule,white,1,mm,right
			testis	nodule,white,yellow,bilateral//enlarged,right
			muscle	nodule,white,solid,hard,11,14,7,mm,hindlimb
			adipose	nodule,yellow,10,9,3,mm,abdominal cavity

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 1000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1205	DEAD	104-6	subcutis	jaundice
			spleen	enlarged,slight
			gl stomach	ulcer,a few
			liver	enlarged//white patch/zone,multiple//nodule,white,brown,8,5,8,mm
			pituitary	nodule,red,2,mm
			adrenal	enlarged,brown,yellow,8,mm,right
			testis	nodule,white,yellow,bilateral
			adipose	nodule,red,8,6,2,mm,abdominal cavity
1206	SCHEDULED	105-1	pancreas	nodule,7,5,3,mm,yellow
			kidney	granular,moderate,bilateral
			thyroid	enlarged,gray,red,10,*,8,mm,Left
			testis	nodule,white,yellow,bilateral//enlarged,right
1207	SCHEDULED	105-1	liver	nodule,3,mm,brown,pale,lobe,Left
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
1208	SCHEDULED	105-1	liver	white patch/zone,gray,1,mm,lobe,median
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral//enlarged,right
1209	SCHEDULED	105-1	skin/app	nodule,ulcer,10,mm,dorsal
			liver	yellow patch/zone,1,mm,a few,scattering,2,mm

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 1000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1210	MORIBUND	83-4	kidney	granular, slight, bilateral
			pituitary	nodule, red, 2, mm
			adrenal	enlarged, 7, 5, 4, mm, left
			testis	nodule, white, yellow, bilateral
			lung/branch	nodule, white, multiple, 1, mm, 5, mm
			liver	nodule, white, multiple, 3, mm, 5, mm
			pancreas	nodule, white, multiple, 2, mm
			kidney	nodule, white, a few, 1, mm, 5, mm
			pituitary	black patch/zone, 1, mm
			adrenal	nodule, white, 2, mm, 3, mm
1211	MORIBUND	80-6	testis	nodule, white, yellow, left
			muscle	mass, hard, white, red, 71, g, hindlimb
			bone	nodule, white, 10, 6, 2, mm
			lung/branch	nodule, white, 1, mm, 5, mm, a few
			stomach	hemorrhage
1212	MORIBUND	99-6	urin bladd	urine: marked retention
			testis	nodule, white, yellow, left
			bone	nodule, hard, white, 50, mm, left, forelimb
			lung/branch	red patch/zone, right
			forestomach	ulcer//rupture

(): Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 1000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			gl stomach	ulcer
			liver	red patch/zone,scattering
			kidney	granular,bi lateral
			pituitary	enlarged,red,dark,6,7,5,mm
			testis	nodule,white,yellow, left
			thoracic ca	pleural fluid,transparent,slight
1213	SCHEDULED	105-1	spleen	enlarged,50,15,7,mm
			anus	polyp,80,22,19,mm,a few
			liver	brown patch/zone,3,2,mm
			testis	nodule,white,yellow,bi lateral//enlarged, left
			whole body	anemic
1214	SCHEDULED	105-1	lung/branch	yellow patch/zone,3,mm,3,mm,lobe,middle
			liver	brown,yellow,brown patch/zone,1,mm,3,mm,multiple
			kidney	granular,slight,bi lateral
			pituitary	red patch/zone,2,mm
			testis	nodule,white,yellow,bi lateral
			peritoneum	nodule,multiple
			abdominal c	ascites,hemorrhage,moderate
1215	SCHEDULED	105-1	subcutis	mass,white,23,14,18,mm
			liver	cyst,1,mm,a few//white patch/zone,yellow,2,1,mm,3,2,mm

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 1000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral//enlarged,bilateral
			prep/cli gl	nodule,ulcer,9,mm
			adipose	nodule,brown,yellow,4,3,2,mm,abdominal cavity
1216	DEAD	92-3	subcutis	mass,white,solid,7,6,4,cm
			testis	nodule,white,yellow,bilateral
1217	SCHEDULED	105-1	lung/branch	nodule,white,gray,3,2,mm,lobe,posterior
			liver	white patch/zone,yellow,lobe,right,anterior,lobe,left
			kidney	granular,moderate,bilateral
			thyroid	mass,white,15,17,13,mm,right//enlarged,6,3,4,mm,left
			testis	nodule,white,yellow,bilateral
			muscle	mass,white,14,7,mm,neck
			adipose	nodule,yellow,8,7,3,mm,abdominal cavity
1218	SCHEDULED	105-1	lung/branch	red patch/zone,a few
			spleen	enlarged,moderate,68,18,9,mm//adhesion
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,right
			prep/cli gl	nodule,16,15,7,mm
1219	SCHEDULED	105-1	liver	nodule,10,8,7,mm,single,brown//brown patch/zone,1,mm,3,mm,multiple
			kidney	granular,slight,bilateral

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 1000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1220	SCHEDULED	105-1	adrenal	enlarged,6,mm, left
			testis	nodule,white,yellow,bilateral//enlarged, left
			liver	herniation,10,8,5,mm//white patch/zone,yellow,3,2,mm
			kidney	granular,slight,bilateral
1221	SCHEDULED	105-1	testis	nodule,white,yellow,bilateral//enlarged,right
			adipose	nodule,yellow,5,mm,abdominal cavity
1222	SCHEDULED	105-1	kidney	granular,slight,bilateral
			thyroid	nodule,brown,3,4,mm, left
			testis	nodule,yellow,bi lateral//enlarged, left
1223	SCHEDULED	105-1	subcutis	mass,6,8,4,cm,white,hard,abdomen, left
			liver	brown patch/zone,3,mm,single,lobe,median//white patch/zone,2,mm,a few,lobe,median
			kidney	granular,slight,bilateral
			thyroid	nodule,brown,3,*4,*3,mm, left
			testis	nodule,white,yellow,bi lateral//atrophic, left
			prep/ci gl	nodule,yellow,ulcer,14,mm
			gl stomach	thick
1224	DEAD	92-5	liver	pale
			thyroid	enlarged,red,3,4,mm
			peritoneum	nodule,multiple

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 1000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1225	DEAD	89-4	abdominal c	ascites,brown,severe
			Lymph node	red patch/zone,1,mm,2,mm,a few,neck,mediastinum
			gl stomach	thick
			ileum	red,dark
			rectum	red,dark
			liver	pale
			testis	nodule,white,bilateral
1226	SCHEDULED	105-1	testis	nodule,white,yellow,bilateral
			semin ves	atrophic,bilateral
			adipose	nodule,yellow,3,mm
1227	SCHEDULED	105-1	spleen	nodule,red,4,mm
			testis	nodule,white,yellow,bilateral//enlarged,right
			prep/cli gl	nodule,white,yellow,6,mm,right,5,mm,left
			peritoneum	nodule,multiple
			abdominal c	ascites,brown,marked
1228	SCHEDULED	105-1	skin/app	nodule,12,mm
			subcutis	mass,ulcer,3,cm
			oral cavity	nodule,3,mm
			Kidney	granular,moderate,bilateral
			thyroid	nodule,10,7,5,mm,red,left

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 1000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1229	SCHEDULED	105-1	testis	nodule,white,yellow,bilateral//atrophic,right
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,left//atrophic,right
1230	SCHEDULED	105-1	semin ves	atrophic,bilateral
			subcutis	mass,12,5,12,mm,white,soft,breast,right
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
1231	MORBUND	96-6	semin ves	atrophic,bilateral
			forestomach	ulcer,a few,1,mm
			gl stomach	ulcer,a few,1,mm
			kidney	granular,slight,bilateral
1232	SCHEDULED	105-1	testis	nodule,white,yellow,right
			subcutis	mass,white,yellow,a few,24,8,mm,inguinal
			liver	brown patch/zone,pale,1,mm,2,mm,a few,scattering
			kidney	granular,slight,bilateral
			thyroid	nodule,2,mm,brown,left
1233	SCHEDULED	105-1	testis	nodule,white,yellow,bilateral//atrophic,right
			jejunum	nodule,brown,green,4,mm
			liver	rough//red patch/zone,1,mm,2,mm,a few,scattering
			kidney	granular,slight,bilateral

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 1000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			testis	nodule,white,yellow,bilateral//enlarged,right
			peritoneum	nodule,multiple,1,mm,7,mm
			abdominal c	ascites,brown,slight
1234	SCHEDULED	105-1	liver	nodule,brown,1,mm,2,mm,a few,scattering
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral//enlarged,left
1235	DEAD	66-5	lung/branch	congestion,moderate
			pituitary	enlarged,rod,0,7,9,mm
			thoracic ca	pleural fluid,transparent,2,ml
1236	SCHEDULED	105-1	subcutis	mass,16,4,mm,soft,abdomen,right
			liver	yellow patch/zone,1,3,mm,a few,scattering
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
1237	MORIBUND	82-2	spleen	enlarged,moderate,60,16,mm
			forestomach	thick//ulcer,multiple
			gl stomach	thick//ulcer,multiple
			brain	hemorrhage
1238	SCHEDULED	105-1	liver	cyst//brown patch/zone,1,mm,lobe,median
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral//enlarged,left//atrophic,right

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 1000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1239	SCHEDULED	105-1	Lymph node	enlarged,7,5,4,mm,neck
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral//enlarged,left
1240	SCHEDULED	105-1	subcutis	mass,20,15,mm,elastic,hard,white,gray,a few
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral//enlarged,right
1241	DEAD	69-6	subcutis	mass,ulcer,hard,10,mm
			lung/branch	congestion
			thymus	hemorrhage
			pituitary	enlarged,red,10,8,mm
			other	nodule,tail
1242	SCHEDULED	105-1	skin/app	nodule,12,*,9,mm,abdomen
			liver	nodule,white,1,mm
			kidney	granular,moderate,bilateral
			adrenal	enlarged,5,mm,right
			testis	nodule,white,yellow,bilateral//atrophic,bilateral
			prep/cli gl	nodule,4,cm,4,cm
			eye	white,turbid,right
1243	SCHEDULED	105-1	kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 1000 ppm

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

PAGE : 29

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1244	SCHEDULED	105-1	semin ves	atrophic,bilateral
			spleen	nodule,white,7,mm
			Liver	white patch/zone,1,mm,single,lobe,median
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
1245	DEAD	100-3	semin ves	atrophic,bilateral
			lymph node	red,right,mediastinum
			spleen	enlarged,70,21,mm,moderate
			pituitary	enlarged,red,-,yellow,9,*,7,mm
			testis	atrophic,bilateral//nodule,white,yellow,right
			adipose	nodule,yellow,13,9,mm,abdominal cavity
1246	SCHEDULED	105-1	kidney	granular,bilateral,slight
			pituitary	enlarged,red,5,mm
			testis	nodule,white,yellow,right
1247	SCHEDULED	105-1	kidney	granular,bilateral,slight
			testis	nodule,white,yellow,bilateral
1248	SCHEDULED	105-1	kidney	granular,bilateral,slight
			testis	nodule,white,yellow,bilateral
			semin ves	atrophic,bilateral
1249	MORIBUND	80-6	nasal cavit	fluid,red

():Comment

STUDY NO. : 0063
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : MALE

GROUP NAME : 1000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			lung/branch	red,dark//edema,moderate
			gl stomach	thick
			liver	red patch/zone,multiple
			testis	nodule,white,yellow,single,left
			brain	red patch/zone,a few
			bone	nodule,white,hard,15,mm,15,mm,hindlimb,right
1250	SCHEDULED	105-1	liver	brown patch/zone,pale,2,mm,lobe,left
			kidney	granular,bilateral,slight
			adrenal	enlarged,3,mm,left
			testis	nodule,white,yellow,bilateral//enlarged,right
			semin ves	atrophic,bilateral

():Comment

(HPT045)

BAIS2

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 5000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1301	DEAD	100-4	subcutis	mass,solid,white,90,mm
			liver	white patch/zone,multiple,scattering
			testis	nodule,white,yellow,bilateral
1302	MORIBUND	97-3	liver	yellow
			thyroid	enlarged,brown,2,mm, left
			testis	nodule,white,yellow,bilateral//atrophic, left
			peritoneum	nodule,multiple
			abdominal c	ascites,brown,marked
1303	DEAD	86-5	liver	white//white patch/zone,a few
			kidney	nodule,white,gray,solid,soft,4,6,4,mm
			testis	nodule,white,yellow,bilateral
			abdominal c	hemorrhage,moderate
1304	DEAD	100-3	lung/branch	white patch/zone,single,right
			tongue	nodule,hard,15,10,5,mm
			testis	nodule,white,yellow,bilateral
1305	MORIBUND	100-3	jejunum	dilated
			ileum	dilated
			cecum	dilated
			colon	dilated
			liver	nodule,brown,8,5,mm

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1306	DEAD	85-2	testis	nodule,white,yellow,bilateral
			spleen	black patch/zone
			liver	nodule,solid,white,yellow,5,mm,9,a few
			testis	nodule,white,yellow,bilateral
			peritoneum	nodule,multiple
			abdominal c	ascites,brown,100,ml
1307	SCHEDULED	105-1	adipose	yellow
			subcutis	mass,30,25,16,mm,elastic,nock,hard,white,axilla
			lymph node	enlarged,2,mm,4,mm,a few,mediastinum
			spleen	infarct,3,mm
			liver	nodule,brown,pale,a few,2,mm,10,9,5,mm//cyst,multiple
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral
			peritoneum	nodule,1,mm,5,mm,multiple
1308	MORIBUND	102-7	abdominal c	ascites,hemorrhage,slight
			subcutis	mass,white,solid,20,25,8,mm,hindlimb
			gl stomach	ulcer,a few
			cecum	dilated
			liver	white patch/zone
			kidney	granular,slight,bilateral

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1309	SCHEDULED	105-1	testis	nodule,white,yellow,bilateral
			other	nodule,7,8,5,mm,nose
			spleen	infarct,4,mm
			liver	nodule,brown,pale,1,mm,20,15,10,mm,multiple
			kidney	granular,slight,bilateral
			thyroid	enlarged,white,gray,5,7,5,mm,right
			testis	nodule,white,yellow,bilateral//enlarged,left//atrophic,right
1310	DEAD	92-2	peritoneum	nodule,multiple
			abdominal c	ascites,brown,moderate
1311	DEAD	93-7	spleen	white patch/zone,1,mm,single
			liver	nodule,white,transparent,1,mm,10,mm,multiple,scattering
			kidney	white patch/zone,1,mm,single,right
			testis	nodule,white,yellow,bilateral//atrophic,left
			semin ves	atrophic
			peritoneum	nodule,multiple
			abdominal c	ascites,brown,severe
1312	DEAD	97-5	lung/branch	red patch/zone,multiple
			spleen	enlarged,moderate,65,20,12,mm
			liver	enlarged,slight
			testis	nodule,white,yellow,bilateral

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 5000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1313	DEAD	101-6	brain	hemorrhage
			lung/branch	red,bilateral
			forestomach	ulcer,7,5,mm,a few
			liver	nodule,brown,38,25,20,mm,5,mm,a few//cyst,10,mm,single
1314	SCHEDULED	105-1	testis	nodule,white,yellow,bilateral
			subcutis	mass,4,3,4,mm,breast, left
			liver	nodule,brown,yellow,1,mm,6,7,mm,multiple//cyst//nodule,brown,yellow,1,mm,6,7,mm,multiple//cyst
			kidney	granular,slight,bilateral
1315	DEAD	93-2	testis	nodule,white,yellow,bilateral//enlarged,bilateral
			stomach	thick
			liver	granular//white patch/zone,scatterings//nodule,transparent,3,mm,single
			urin bladd	urine:brown
1316	SCHEDULED	105-1	testis	nodule,white,yellow,bilateral
			peritoneum	nodule,multiple
			abdominal c	hemorrhage,67,ml
			whole body	jaundice,slight
			subcutis	mass,5,6,5,cm,white,solid, left,hindlimb
			liver	nodule,25,18,13,mm,white,gray,brown,multiple//cyst,a few
			kidney	granular,slight,bilateral//cyst,right
testis	nodule,white,yellow,bilateral//enlarged,bilateral			

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1317	DEAD	97-4	peritoneum	nodule,multiple
			abdominal c	ascites,brown,moderate
			subcutis	mass,white,solid,43,45,28,mm,axilla,neck
			liver	white patch/zone,2,mm,multiple,scattering//nodule,brown,gray,24,17,13,mm,solid
1318	SCHEDULED	105-1	testis	nodule,white,yellow,bilateral
			liver	nodule,3,mm,30,15,mm,brown,multiple//rough
			kidney	granular,slight,bilateral
			pituitary	nodule,red,4,mm
			testis	nodule,white,yellow,bilateral//enlarged,right
			peritoneum	nodule,multiple
			abdominal c	ascites,brown,severe
1319	DEAD	101-7	lung/branch	edema,slight
			liver	nodule,brown,a few,6,mm,8,mm
			testis	nodule,white,yellow,bilateral
			prep/cli gl	nodule,15,mm
			peritoneum	nodule,multiple
			abdominal c	ascites,brown,marked
1320	SCHEDULED	105-1	lung/branch	brown patch/zone,3,2,3,mm,lobe,middle
			liver	nodule,brown,yellow,5,mm,26,20,13,mm//yellow patch/zone,a few,1,mm,4,3,mm
			testis	nodule,white,yellow,bilateral//enlarged,right

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 5000 ppm

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

PAGE : 36

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1321	DEAD	99-3	lung/branch	red
			heart	white,yellow,atrium
			liver	nodule,multiple,1,mm,6,mm
			peritoneum	nodule,multiple
			abdominal c	ascites,brown,severe
1322	SCHEDULED	105-1	subcutis	mass,white,18,10,4,mm,abdomen
			spleen	white patch/zone,6,mm//enlarged,slight
			liver	nodule,white,-,brown,10,mm,lobe,median,lobe,left
			kidney	granular,moderate,bilateral
			testis	nodule,white,yellow,bilateral
			abdominal c	ascites,brown,slight
			thoracic ca	pleural fluid,hemorrhage,slight
1323	MORIBUND	89-1	subcutis	nodule,white,3,5,mm
			lymph node	red,neck,mediastinum,pancreas,mesenterium,retroperitoneum
			forestomach	thick//ulcer,a few
			stomach	thick//ulcer,multiple
			liver	nodule,red,dark,3,mm,15,mm,multiple
			testis	nodule,white,yellow,bilateral
1324	SCHEDULED	105-1	liver	white patch/zone,1,mm,multiple
			adrenal	enlarged,1,cm,brown,red,left

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 5000 ppm

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

PAGE : 37

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1325	DEAD	104-7	testis	nodule,white,yellow,bilateral//atrophic, left
			Liver	white patch/zone,multiple,scattering//nodule,brown,6,mm,8,mm,a few
			testis	nodule,white,yellow,bilateral
1326	DEAD	84-3	epididymis	nodule,multiple,1,mm,2,mm
			Lymph node	red
			Liver	white patch/zone,multiple//nodule,brown,7,8,mm,single
			peritoneum	nodule,brown,pale,2,3,mm,multiple
1327	DEAD	98-4	abdominal c	ascites,brown,severe
			gl stomach	thick
			Liver	pale//nodule,brown,pale,10,8,10,mm,single
			peritoneum	nodule,multiple
1328	SCHEDULED	105-1	abdominal c	ascites,brown,red,severe
			spleen	infarct
			Liver	nodule,white,5,mm//rough
			kidney	granular,slight,bilateral
1329	SCHEDULED	105-1	pituitary	enlarged,white,-,red,6,mm
			spleen	enlarged,moderate,60,*,17,*,7,mm
			Liver	enlarged//nodule,white,yellow,brown,red,20,12,5,mm,multiple
			pancreas	nodule,white,12,9,8,mm
			kidney	granular,slight,bilateral

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 5000 ppm

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

PAGE : 38

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1330	DEAD	95-4	testis	nodule,white,yellow,right//atrophic, left
			semin ves	atrophic,bilateral
			lung/branch	congestion,lobe, left,lobe,median
			gl stomach	red patch/zone,multiple,scattering
			liver	granular,yellow//nodule,brown,yellow,2,mm,8,mm,scattering
			peritoneum	nodule,1,mm,3,mm,multiple
			abdominal c	ascites,hemorrhage,turbid,moderate
1331	MORIBUND	84-6	thoracic ca	pleural fluid,brown,slight
			lung/branch	red//red
			spleen	enlarged,moderate,63,17,mm
			forestomach	ulcer,multiple
			gl stomach	ulcer,multiple
			liver	yellow//nodule,9,mm,9,mm,brown,lobe,median
			pancreas	nodule,red,2,mm,7,mm,a few
1332	SCHEDULED	105-1	testis	atrophic,bilateral
			liver	nodule,white,gray,multiple,1,mm,35,22,mm
			testis	nodule,white,yellow,bilateral//atrophic,bilateral
			peritoneum	nodule,multiple,scattering,1,mm,2,mm
			abdominal c	ascites,brown,marked
			adipose	nodule,white,10,7,mm,abdominal cavity

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1333	DEAD	100-4	subcutis	mass,white,red,65,55,40,mm,abdomen,right
			lung/branch	red patch/zone,multiple,bilateral
			lymph node	red,neck
			spleen	enlarged,moderate
			liver	white patch/zone,multiple,scattering
			testis	nodule,white,yellow,bilateral
			brain	red patch/zone,dark,single,2,mm
1334	SCHEDULED	105-1	liver	brown patch/zone,yellow,1,mm,3,mm,multiple,scattering//nodule,4,mm,cyst,lobe,right,posterior
			testis	nodule,white,yellow,bilateral//enlarged,left
1335	SCHEDULED	105-1	liver	nodule,brown,pale,a few,3,mm,17,12,mm//rough
			prep/cli gl	nodule,17,16,mm,soft,left
1336	DEAD	72-5	nasal cavit	fluid,red
			lung/branch	red
			duodenum	nodule,10,mm,single
			Zymbal gl	mass,green,right
1337	DEAD	104-6	lung/branch	red,slight
			spleen	enlarged,slight
			liver	enlarged,moderate//nodule,red,gray,10,mm,12,mm,a few
			kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bilateral

(): Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1338	SCHEDULED	105-1	subcutis	mass,8,3,cm,elastic,soft,breast,12,mm,inguinal
			liver	nodule,cyst,multiple,scattering,20,15,mm,brown//rough
			kidney	granular,slight,bi lateral
			testis	nodule,white,yellow,bi lateral
1339	SCHEDULED	105-1	lung/branch	nodule,brown,pale,4,mm,lobe,posterior
			liver	nodule,10,7,mm,lobe,median
			kidney	granular,moderate,bi lateral
			testis	nodule,white,yellow,bi lateral//enlarged, left
1340	SCHEDULED	105-1	subcutis	mass,15,mm,elastic,hard
			lung/branch	nodule,3,mm,white,gray,lobe,anterior
			liver	nodule,2,mm,7,6,mm,brown,pale,cyst,multiple//rough
			pituitary	nodule,red,4,mm
			testis	nodule,white,yellow, left//enlarged, left
1341	SCHEDULED	105-1	subcutis	mass,9,7,cm,white,hard,soft,breast
			gl stomach	ulcer//thick
			liver	white patch/zone,1,mm,5,mm,multiple//enlarged
			kidney	granular,moderate,bi lateral
			testis	nodule,white,yellow,bi lateral
1342	SCHEDULED	105-1	liver	nodule,1,mm,20,3,20,mm//cyst,5,mm,lobe, left
			kidney	granular,moderate,bi lateral

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 5000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			pituitary	nodule,red,3,mm
			testis	nodule,white,yellow,bi lateral//enlarged,bi lateral
			peritoneum	nodule,multiple
			abdominal c	ascites,brown,marked
1343	SCHEDULED	105-1	subcutis	mass,10,7,6,cm,white,hard,breast,axilla
			spleen	infarct
			Liver	nodule,cyst,2,mm,12,mm
			Kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bi lateral//enlarged,right
1344	MORIBUND	83-6	stomach	ulcer,multiple,scattering,1,mm,3,mm
			Liver	white patch/zone,multiple,scattering,1,mm,3,mm
			Kidney	granular,slight,bilateral
			testis	nodule,white,yellow,bi lateral//atrophic, left
			peritoneum	nodule,multiple
			abdominal c	hemorrhage,marked
1345	MORIBUND	67-6	Liver	white patch/zone,scattering
			whole body	anemic
1346	DEAD	66-1	lung/branch	congestion,slight
1347	SCHEDULED	105-1	Liver	nodule,lobe,median,multiple,3,mm,2,cm,brown
			testis	nodule,white,yellow,bi lateral//enlarged,right

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : MALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1348	SCHEDULED	105-1	semin ves	atrophic,bilateral
			spleen	enlarged,slight,8,*2,*1,cm
			liver	nodule,2,mm,37,mm,brown,pale,multiple
			kidney	granular,bilateral,slight
			testis	nodule,white,yellow,bilateral//atrophic,left
1349	DEAD	101-3	semin ves	atrophic,bilateral
			skin/app	nodule,keratinized,8,12,5,mm,ulcer,dorsal
			forestomach	ulcer,a few
			st stomach	thick
			liver	nodule,red,7,6,7,mm
			pituitary	enlarged,brown,6,*8,*6,mm
			thyroid	nodule,2,mm,white
			testis	nodule,white,yellow,bilateral
1350	SCHEDULED	105-1	subcutis	mass,ulcer,25,mm,white,hard
			lung/branch	nodule,white,6,9,mm
			liver	enlarged//yellow patch/zone,multiple,1,3,mm
			kidney	granular,bilateral,slight
			testis	nodule,white,yellow,bilateral//enlarged,bilateral
			semin ves	atrophic,bilateral

():Comment

APPENDIX U2

GROSS FINDINGS (INDIVIDUAL)

RAT:FEMALE

STUDY NO. : 0063
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : Control

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

PAGE : 43

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2001	SCHEDULED	105-1	kidney	granular, moderate, bilateral
			pituitary	nodule, black, 2, mm
			thyroid	nodule, red, 2, mm, left
			adrenal	enlarged, 7, 10, mm, left, 10, *, 6, mm, right
			prep/cli gl	nodule, abscess, 10, 8, 5, mm
			eye	red patch/zone, left
2002	SCHEDULED	105-1	subcutis	mass, 3, 1, 3, cm, elastic, soft, abdomen, right
2003	SCHEDULED	105-1	lung/branch	nodule, white, gray, 2, mm, lobe, left
			pituitary	nodule, black, 2, 3, mm
2004	SCHEDULED	105-1	liver	herniation, 4, 5, 4, mm
			pituitary	red patch/zone, 1, 2, mm
			eye	white, right
2005	SCHEDULED	105-1	prep/cli gl	nodule, green, 5, mm
2006	SCHEDULED	105-1	kidney	granular, slight, bilateral
			pituitary	enlarged, red, 7, 5, 8, mm
2007	SCHEDULED	105-1		NON-REMARKABLE
2008	SCHEDULED	105-1	liver	brown patch/zone, 3, mm
			pituitary	red patch/zone, 1, mm
2009	SCHEDULED	105-1	liver	herniation, 5, 4, 5, mm
			pituitary	enlarged, red, 7, mm

(): Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2010	SCHEDULED	105-1	uterus	nodule,4,3,4,mm,fluid,transparent,right
			kidney	granular,slight,bi lateral
			pituitary	red patch/zone,2,mm
			thyroid	nodule,brown,red,4,mm,left
2011	DEAD	104-7	ovary	cyst,transparent,4,mm,right
			spleen	enlarged,moderate
			pituitary	nodule,red,3,mm
			abdominal c	hemorrhage,moderate
2012	SCHEDULED	105-1	adipose	nodule,yellow,5,mm,abdominal cavity
			pituitary	red patch/zone,1,mm
2013	SCHEDULED	105-1	eye	red,right
			kidney	granular,slight,bi lateral
			adipose	nodule,yellow,10,4,2,mm,abdominal cavity
2014	SCHEDULED	105-1	subcutis	mass,15,mm,16,mm,a few,abdomen,genital
2015	SCHEDULED	105-1	pituitary	red patch/zone,2,mm
2016	DEAD	89-7	spleen	enlarged,50,15,13,mm//rupture
			pituitary	nodule,white,red,2,mm,2,mm
			abdominal c	hemorrhage,moderate
2017	SCHEDULED	105-1	lung/branch	nodule,white,gray,4,2,mm,lobe,left

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
			Liver	rough//yellow patch/zone,3,2,mm,single,lobe, left
			pituitary	nodule,red,5,mm
2018	SCHEDULED	105-1		NON-REMARKABLE
2019	MORIBUND	89-4	Lymph node	enlarged,11,6,mm,neck,5,mm,inguinal
			spleen	enlarged,6,2,cm,moderate
			forestomach	ulcer,2,mm
			gl stomach	ulcer,multiple//thick
2020	MORIBUND	71-1	Liver	anemic
			pituitary	nodule,red,2,mm
			muscle	nodule,red,dark,18,13,12,mm,right,hindlimb
2021	DEAD	100-3	Lung/branch	red,dark
			Lymph node	enlarged,slight,retroperitoneum,liver,hilar region
			spleen	enlarged,slight,63,20,mm//nodule,brown,3,mm,8,mm,a few
			Liver	herniation
			pituitary	red patch/zone,1,mm,single
			adrenal	nodule,red,5,mm, left
			abdominal c	ascites,brown,slight
2022	SCHEDULED	105-1	ovary	cyst,fluid,transparent,3,mm, left
2023	SCHEDULED	105-1	kidney	yellow patch/zone,5,mm, left
2024	DEAD	100-5	Lung/branch	red,dark

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			spleen	enlarged, moderate
			forestomach	ulcer, a few
			liver	granular, slight
			pituitary	red patch/zone, 1, mm
			abdominal c	ascites, brown, slight
2025	SCHEDULED	105-1	subcutis	mass, ulcer, green, 24, mm
			lung/branch	edema
			spleen	enlarged, 8, 2, 1, cm, marked
			liver	nodule, 9, mm, lobe, median//rough
			pituitary	nodule, red, 4, mm
			adipose	nodule, yellow, green, yellow, 3, 1, cm, abdominal cavity
2026	SCHEDULED	105-1	kidney	granular, slight, bilateral
			adipose	nodule, yellow, 8, 4, mm, abdominal cavity
2027	DEAD	92-4	pancreas	nodule, 3, 2, 3, cm, solid, brown, pale
			ovary	cyst, 3, mm
			peritoneum	nodule, white, brown, pale, 1, mm, 5, mm, multiple
			abdominal c	hemorrhage, marked
			whole body	anemic
2028	SCHEDULED	105-1	subcutis	mass, 4, 3, 4, cm, hard, genital
			liver	herniation, 6, 4, 3, mm

(): Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : Control

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

PAGE : 47

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2029	SCHEDULED	105-1	spleen	enlarged,1,5,1,cm,slight
			Liver	herniation,3,6,3,mm
			thyroid	nodule,white,yellow,1,mm,right
			prep/cli gl	nodule,11,12,mm
2030	MORIBUND	96-7	subcutis	mass,20,mm,ulcer,dorsal
			spleen	enlarged,6,2,1,cm
			gl stomach	ulcer,3,mm,single
			Liver	granular,slight
			pituitary	nodule,red,dark,3,mm
			thoracic ca	pleural fluid,transparent,slight
			2031	SCHEDULED
2032	SCHEDULED	105-1	kidney	granular,slight,bilateral
			pituitary	nodule,red,3,mm
			subcutis	mass,6,5,3,cm,left,inguinal
2032	SCHEDULED	105-1	spleen	enlarged,slight
			Liver	brown patch/zone,pale,1,mm,lobe,right,anterior
			ovary	cyst,fluid,transparent,6,mm,right
			2033	SCHEDULED
2034	SCHEDULED	105-1	subcutis	mass,brown,pale,25,mm
			spleen	enlarged,9,3,2,cm,marked//infarct,6,mm,4,mm,a few

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : Control

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

PAGE : 48

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			pituitary	nodule,red,3,mm
2035	SCHEDULED	105-1	liver	red patch/zone,5,mm,lobe, left
			kidney	granular,slight,bilateral
			thyroid	nodule,3,mm,brown, left
2036	MORIBUND	89-2	subcutis	jaundice,moderate
			spleen	enlarged,moderate,72,18,mm
			gl stomach	ulcer
			liver	granular
			pituitary	red patch/zone,1,mm
			ovary	enlarged,7,mm
			whole body	jaundice,moderate
2037	MORIBUND	88-6	subcutis	mass,17,14,7,mm
			gl stomach	red patch/zone,a few
			liver	herniation
			pituitary	enlarged,red,dark,12,9,mm
			uterus	nodule,red,2,mm
2038	SCHEDULED	105-1	lung/branch	nodule,white,gray,1,mm,a few,lobe,posterior
			kidney	granular,slight,bilateral
			pituitary	white patch/zone,1,mm
2039	SCHEDULED	105-1		NON-REMARKABLE

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : Control

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

PAGE : 49

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2040	SCHEDULED	105-1		NON-REMARKABLE
2041	DEAD	96-6	subcutis	mass,brown,white,25,30,10,mm//jaundice,slight
			spleen	enlarged,slight,60,18,10,mm
			liver	nodular,yellow
			pituitary	red patch/zone,3,mm,a few
			adipose	nodule,yellow,4,2,mm
2042	SCHEDULED	105-1	kidney	granular,slight,bilateral
			pituitary	nodule,1,mm,white,1,mm,black
			prep/cli gl	mass,2,cm
2043	SCHEDULED	105-1		NON-REMARKABLE
2044	SCHEDULED	105-1		NON-REMARKABLE
2045	SCHEDULED	105-1	pituitary	nodule,red,2,mm
2046	MORIBUND	88-6	subcutis	mass,30,15,30,mm
			forestomach	ulcer,a few
			gl stomach	ulcer,a few
			pituitary	enlarged,red,pale,7,10,7,mm
			vagina	dilated lumen
2047	SCHEDULED	105-1	pituitary	red patch/zone,2,mm
2048	SCHEDULED	105-1	pituitary	red patch/zone,2,mm
2049	SCHEDULED	105-1	pituitary	enlarged,red,5,mm

():Comment

STUDY NO. : 0063
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2050	SCHEDULED	105-1		NON-REMARKABLE

():Comment

(HPT045)

BAIS2

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2101	SCHEDULED	105-1	lung/branch	congestion, lobe, left
			pituitary	enlarged, red, 5, mm
			thyroid	red patch/zone, 1, mm, right
2102	SCHEDULED	105-1	subcutis	jaundice, slight
			lung/branch	congestion//red patch/zone, lobe, left
			spleen	enlarged, 75, 20, 13, mm, marked
			liver	rough
			thyroid	nodule, red, 3, mm, left
			ovary	cyst, fluid, transparent, 5, 8, 5, mm, right
2103	MORIBUND	103-1	subcutis	mass, white, 18, 25, mm, hard, solid
			forestomach	thick
			gl stomach	ulcer, a few//thick
			pituitary	enlarged, white, gray, red, dark, 9, mm
2104	MORIBUND	83-2	lymph node	enlarged, red, 10, 5, mm, pancreas, retroperitoneum
			spleen	enlarged, 110, 30, 22, mm, marked
			forestomach	ulcer, a few
			gl stomach	ulcer, a few
			liver	enlarged//nodular
			pituitary	nodule, transparent, 1, mm
			eye	red, dark, left

(): Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2105	MORIBUND	104-6	pituitary	enlarged,red,dark,12,5,4,mm
			thyroid	enlarged,white,gray,10,7,5,mm, left
2106	SCHEDULED	105-1		NON-REMARKABLE
2107	SCHEDULED	105-1	eye	white, left
2108	SCHEDULED	105-1	liver	brown patch/zone,4,mm,lobe,median
2109	SCHEDULED	105-1	pituitary	red patch/zone,1,mm
2110	SCHEDULED	105-1	spleen	enlarged,53,14,10,mm,moderate
			liver	rough
			kidney	granular,slight,bilateral
2111	SCHEDULED	105-1	subcutis	mass,35,25,10,mm,soft,white,breast, left
			adipose	nodule,yellow,6,5,2,mm,abdominal cavity
2112	DEAD	102-7	subcutis	mass,solid,white,15,10,5,mm
			gl stomach	ulcer,1,mm,a few
			pituitary	enlarged,red,dark,5,10,5,mm
2113	DEAD	98-4	subcutis	nodule,white,4,mm,solid
			lung/branch	red,dark
			gl stomach	thick
			pituitary	enlarged,red,dark,6,mm
2114	SCHEDULED	105-1	liver	nodule,brown,pale,6,4,mm
			kidney	granular,slight,bilateral

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			pituitary	nodule,red,3,mm
			uterus	nodule,7,22,7,mm,left
			adipose	nodule,yellow,brown,15,10,6,mm,abdominal cavity
2115	SCHEDULED	105-1	liver	nodule,brown,pale,2,mm,5,mm,multiple
			vagina	fluid,black
2116	SCHEDULED	105-1	lung/branch	nodule,brown,yellow,7,8,5,mm,lobe,posterior
2117	SCHEDULED	105-1	pituitary	enlarged,brown,12,7,mm
2118	SCHEDULED	105-1		NON-REMARKABLE
2119	SCHEDULED	105-1	subcutis	mass,60,mm,hindlimb,right,4,cm,axilla
2120	SCHEDULED	105-1		NON-REMARKABLE
2121	DEAD	94-1	subcutis	mass,white,12,8,5,cm,236,g//solid,soft,ulcer
			st stomach	thick//fluid,black
			cecum	dilated
2122	SCHEDULED	105-1	subcutis	mass,white,solid,25,12,7,mm,neck
			liver	rough,lobe,left
			uterus	nodule,3,mm,left
2123	SCHEDULED	105-1	lung/branch	nodule,brown,3,mm
			kidney	granular,slight,bilateral
			pituitary	nodule,red,3,mm
2124	SCHEDULED	105-1	adipose	nodule,red,10,mm

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2125	MORIBUND	97-2	forestomach	thick//ulcer,1,mm,2,mm,multiple
			gl stomach	thick
			liver	red patch/zone,2,mm,a few
			kidney	pale,bilateral//granular,moderate,bilateral
2126	SCHEDULED	105-1	lung/branch	edema
			spleen	enlarged,6,2,1,cm,moderate
			liver	rough
			pituitary	nodule,red,2,mm
2127	DEAD	103-5	subcutis	mass,cyst,30,20,10,mm
			lung/branch	red
			abdominal c	ascites,hemorrhage,marked//mass,brown,-,red,65,*,40,mm
2128	SCHEDULED	105-1	liver	rough
2129	SCHEDULED	105-1	subcutis	mass,4,3,4,cm,genital
			lymph node	enlarged,moderate,neck,multiple
			kidney	granular,slight,bilateral
			thyroid	enlarged,red,7,5,4,mm,left
			muscle	nodule,white,solid,15,6,5,mm,neck
2130	SCHEDULED	105-1	subcutis	mass,white,15,mm
2131	MORIBUND	91-3	subcutis	jaundice,slight
			spleen	enlarged,58,17,mm,slight

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			forestomach	ulcer,a few
			gl stomach	thick
			whole body	jaundice,slight
2132	SCHEDULED	105-1	pituitary	red patch/zone,1,mm
			uterus	nodule,35,13,mm, left,fluid
2133	SCHEDULED	105-1	subcutis	mass,3,cm,abscess,ulcer,inguinal,right
			spleen	enlarged,8,2,1,cm,moderate
			kidney	granular,slight,bilateral
			pituitary	red patch/zone,2,mm
			uterus	dilated lumen,fluid,brown,pale
			whole body	anemic
2134	SCHEDULED	105-1	kidney	granular,slight,bilateral
			pituitary	nodule,red,3,mm
			ovary	cyst,10,8,mm,fluid,transparent, left
2135	SCHEDULED	105-1	subcutis	mass,yellow,soft,fluid,white,20,18,7,mm
			pituitary	red,5,mm
2136	SCHEDULED	105-1	kidney	granular,slight,bilateral
			pituitary	red patch/zone,2,mm
2137	SCHEDULED	105-1	subcutis	mass,2,1,cm,soft,abdomen,right
			Liver	red patch/zone,3,mm,lobe, left

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 200 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2138	SCHEDULED	105-1	kidney	granular,slight,bilateral
			pituitary	enlarged,red,7,mm
2139	DEAD	104-1	urin bladd	dilated
			retroperit	mass,white,gray,solid,15,18,12,mm
2140	SCHEDULED	105-1	uterus	nodule,2,1,2,cm,fluid,red,right
			eye	white,right
2141	SCHEDULED	105-1	kidney	granular,slight,bilateral
			uterus	nodule,1,2,1,cm,right
2142	DEAD	95-1	lung/branch	red
			thyroid	enlarged,red,5,2,mm,right
			mediastinum	mass,white,keratinized,hard,8,mm
2143	SCHEDULED	105-1	liver	herniation,3,7,3,mm
			pituitary	enlarged,4,mm
2144	SCHEDULED	105-1	kidney	granular,slight,bilateral
2145	SCHEDULED	105-1	kidney	granular,slight,bilateral
			pituitary	enlarged,red,6,mm
2146	SCHEDULED	105-1	kidney	granular,slight,bilateral
			pituitary	red patch/zone,1,mm
2147	MORIBUND	89-2	pituitary	enlarged,red,dark,8,mm
			uterus	nodule,red,2,mm

():Comment

STUDY NO. : 0063
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 200 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2148	DEAD	101-1	subcutis	mass,white,13,11,8,mm,fluid,white
			liver	nodule,yellow,3,mm//yellow
			pituitary	red patch/zone,3,2,mm
			thoracic ca	pleural fluid,transparent,slight
2149	SCHEDULED	105-1	pituitary	red patch/zone,2,mm
2150	SCHEDULED	105-1	subcutis	mass,3,2,3,cm,white,hard,inguinal
			thyroid	nodule,white,3,4,mm
			uterus	nodule,right,8,mm
			prep/cli gl	nodule,white,26,mm

():Comment

(HPT045)

BA1S2

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 1000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2201	MORIBUND	95-6	subcutis	mass,white,brown,45,mm,breast,25,mm,abdomen
			spleen	enlarged,65,20,12,mm
			st stomach	thick//ulcer,a few
			pituitary	enlarged,red,6,mm
2202	DEAD	97-2	abdominal c	hemorrhage
			lung/branch	red
			esophagus	dilated
			pituitary	enlarged,red,8,*,9,*,6,mm
2203	SCHEDULED	105-1	ovary	fluid,transparent,16,mm,left
			liver	nodule,lobe,right,posterior//red patch/zone,lobe,right,posterior
			kidney	granular,slight,bilateral
2204	MORIBUND	76-2	uterus	nodule,cyst,5,3,cm,fluid,red
			spleen	enlarged,65,20,15,mm//nodule,5,mm,a few
			forestomach	ulcer,1,mm,2,mm,a few
2205	MORIBUND	75-4	st stomach	ulcer,2,mm,3,mm,multiple
			liver	anemic
			uterus	enlarged,cyst,white,yellow,red,60,mm
2206	SCHEDULED	105-1	lung/branch	red patch/zone,1,mm,multiple
			spleen	enlarged,slight,1,5,1,cm
			liver	nodule,1,mm,3,mm,brown,red,a few

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 1000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			prep/cli gl	nodule,15,*,10,*,7,mm
2207	SCHEDULED	105-1		NON-REMARKABLE
2208	SCHEDULED	105-1		NON-REMARKABLE
2209	SCHEDULED	105-1		NON-REMARKABLE
2210	SCHEDULED	105-1	liver	cyst,8,7,5,mm,lobe,median
			pituitary	cyst,2,mm
			thyroid	nodule,white,gray,3,mm,right
2211	SCHEDULED	105-1	liver	brown,yellow patch/zone,3,2,mm,lobe,median,1,mm,a few,lobe,Left
			pituitary	enlarged,red,4,mm
2212	DEAD	99-3	lung/branch	red
			gl stomach	black patch/zone,1,mm,a few
			liver	red patch/zone,1,mm,a few
			adrenal	red,bilateral
			uterus	nodule,white,gray,brown,red,solid,70,55,35,mm
2213	SCHEDULED	105-1	subcutis	mass,22,20,10,mm
			liver	brown patch/zone,7,8,4,mm
			kidney	granular,slight,bilateral
			pituitary	nodule,red,-,white,7,*,3,mm
2214	SCHEDULED	105-1	liver	nodule,1,mm,5,mm,5,mm,brown,yellow,a few
2215	SCHEDULED	105-1	liver	rough//nodule,6,mm,lobe,right,posterior

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 1000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2216	DEAD	103-1	subcutis	mass,white,brown,red,solid,105,85,60,mm,320,g
			spleen	enlarged,slight,40,*,11,mm
2217	SCHEDULED	105-1	pituitary	red patch/zone,1,mm
2218	SCHEDULED	105-1	pituitary	nodule,red,2,mm
			uterus	nodule,8,15,8,mm, left
2219	SCHEDULED	105-1	subcutis	mass,white,25,12,10,mm,abdomen
			liver	nodule,brown,6,mm,single,right,lobe,right,posterior
2220	SCHEDULED	105-1	liver	brown patch/zone,3,mm,a few
			kidney	granular,slight,bilateral
			pituitary	red patch/zone,1,mm
2221	DEAD	101-6	skin/app	nodule,solid,white,10,5,10,mm
			spleen	enlarged,50,20,10,mm,slight
			ovary	cyst,10,mm, left
			abdominal c	ascites,hemorrhage,moderate
2222	SCHEDULED	105-1	subcutis	mass,brown,pale,solid,3,2,3,cm,axilla
			pituitary	nodule,red,5,mm
			thyroid	nodule,red,2,3,mm,right
2223	SCHEDULED	105-1	subcutis	mass,white,22,24,14,mm,inguinal
			pituitary	nodule,red,2,3,mm
			prep/cli gl	nodule,green,9,mm

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 1000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2224	SCHEDULED	105-1		NON-REMARKABLE
2225	MORIBUND	101-1	skin/app	scab,dorsal
			subcutis	jaundice,slight
			spleen	enlarged,moderate,70,15,10,mm
			liver	granular
			pituitary	nodule,red,2,mm
			uterus	dilated lumen
2226	SCHEDULED	105-1	subcutis	mass,2,3,2,cm,white,inguinal
			pituitary	red patch/zone,2,3,mm
2227	SCHEDULED	105-1	subcutis	mass,1,2,1,cm,soft,inguinal,right
			liver	herniation,3,4,3,mm
			pituitary	red patch/zone,2,*,4,mm
2228	SCHEDULED	105-1	spleen	enlarged,1,5,1,cm,slight
			liver	rough
			prep/cli gl	nodule,ulcer,12,mm
			adipose	nodule,yellow,10,4,3,mm,abdominal cavity
2229	SCHEDULED	105-1	subcutis	mass,white,brown,pale,2,3,cm
			thyroid	nodule,white,4,3,mm
2230	SCHEDULED	105-1	pituitary	enlarged,brown,6,mm
2231	SCHEDULED	105-1	liver	brown patch/zone,pale,3,mm

(): Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 1000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2232	DEAD	57-2	kidney	granular,slight,bilateral
			pituitary	enlarged,red,7,mm
			lung/branch	nodule,white,5,mm
			lymph node	enlarged,5,mm
			gl stomach	fluid,black
			liver	nodule,transparent,12,mm//deformed//adhesion
			pancreas	nodular,white,2,3,mm
2233	SCHEDULED	105-1	uterus	enlarged//fluid,brown,80,mm
			liver	brown patch/zone,1,5,mm,a few,scattering
2234	SCHEDULED	105-1	ovary	cyst,fluid,yellow,pale,3,2,1,cm,right
			lung/branch	nodule,white,gray,3,mm,lobe,posterior
2235	SCHEDULED	105-1	liver	herniation,6,*,4,mm
			subcutis	mass,brown,pale,a few,17,mm,10,mm
2236	SCHEDULED	105-1	kidney	granular,slight,bilateral
			liver	red patch/zone,5,mm,lobe,median
			kidney	granular,slight,bilateral
2237	SCHEDULED	105-1	pituitary	red patch/zone,3,mm
				NON-REMARKABLE
2238	SCHEDULED	105-1	subcutis	mass,white,gray,breast,abdomen,neck,75,mm
			spleen	enlarged,slight,6,2,1,cm

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 1000 ppm

GROSS FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104#)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			liver	rough
2239	DEAD	83-2	subcutis	mass,brown,pale,soft,solid,cyst,fluid,red,65,55,35,mm,172,g
			pituitary	red patch/zone,slight,2,mm
2240	SCHEDULED	105-1	liver	brown patch/zone,8,5,mm
			ovary	cyst,fluid,bilateral
2241	SCHEDULED	105-1		NON-REMARKABLE
2242	SCHEDULED	105-1	pituitary	enlarged,red,5,mm
2243	SCHEDULED	105-1	pituitary	nodule,red,8,mm
			thyroid	nodule,red,2,3,2,mm,left
2244	SCHEDULED	105-1	pituitary	nodule,red,2,mm
2245	SCHEDULED	105-1	subcutis	mass,brown,28,19,mm,genital
			lung/branch	white patch/zone,lobe,left,2,mm
			kidney	granular,slight,bilateral
2246	SCHEDULED	105-1	spleen	enlarged,slight,50,10,7,mm
			uterus	nodule,10,5,mm,left
2247	DEAD	91-7	spleen	enlarged,70,20,10,mm,moderate
			liver	nodular
			pituitary	red patch/zone,2,2,mm
			ovary	enlarged,fluid,red,20,mm,right
			abdominal c	hemorrhage

():Comment

STUDY NO. : 0063
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 1000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2248	SCHEDULED	105-1	Liver	rough
2249	MORIBUND	81-3	Lymph node	enlarged,red,3,6,mm,retroperitoneum
			st stomach	ulcer,a few
			uterus	nodule,solid,white,gray,red,20,30,20,mm,right
			peritoneum	nodule,white,multiple,4,mm,diaphragm
2250	SCHEDULED	105-1	subcutis	mass,brown,18,mm
			spleen	enlarged,slight,1,5,1,cm

():Comment

(HPT045)

BAIS2

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2301	SCHEDULED	105-1	liver	nodule,red,15,10,mm,25,20,mm,multiple
			kidney	granular,slight,bilateral
			thyroid	enlarged,4,7,4,mm,brown,pale, left
2302	DEAD	84-2	nasal cavit	mass,white,hard,23,18,mm,nose
			lung/branch	red
			forestomach	ulcer
2303	SCHEDULED	105-1	lung/branch	white patch/zone
			liver	nodule,multiple//red,reticular
			kidney	granular,slight,bilateral
2304	SCHEDULED	105-1	eye	white,right
			subcutis	mass,elastic,soft,4,3,1,cm,abdomen
			liver	nodule,multiple
2305	MORIBUND	102-4	ovary	cyst,fluid,transparent,4,mm,right
			subcutis	jaundice,slight
			spleen	enlarged,45,15,mm,slight
2305	MORIBUND	102-4	forestomach	ulcer,multiple
			gl stomach	ulcer,multiple//thick
			liver	nodule,cyst
			pituitary	red patch/zone,dark,1,2,mm
			thoracic ca	pleural fluid,transparent,yellow,marked

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 5000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2306	DEAD	97-2	whole body	jaundice,slight
			subcutis	mass,white,soft,15,20,mm,breast,soft,25,15,mm,abdomen
			pituitary	nodule,red,3,mm
			other	nodule,brown,keratinized,2,3,2,cm,nose
2307	DEAD	103-2	subcutis	mass,white,fluid,white,25,20,10,mm,breast
			lung/branch	red
			stomach	dilated
			small intes	dilated
			cecum	dilated
			colon	dilated
			liver	nodule,brown,yellow,15,20,mm,a few
			pituitary	red patch/zone,3,mm
2308	SCHEDULED	105-1	other	nodule,14,10,mm,nose
			subcutis	mass,30,27,9,mm,25,20,6,mm,elastic,soft,abdomen
			liver	nodule,brown,pale,6,mm,20,17,mm,multiple
			kidney	granular,slight,bilateral
2309	SCHEDULED	105-1	uterus	dilated lumen,bilateral
			lung/branch	nodule,white,gray,3,mm,lobe, left
			lymph node	enlarged,2,4,mm,a few,mediastinum
			spleen	infarct,10,8,5,mm,2,mm

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			liver	nodule,brown,pale,brown,red,1,mm,27,25,15,mm,multiple
			kidney	granular,slight,bilateral
			pituitary	enlarged,7,*,5,mm
2310	SCHEDULED	105-1	subcutis	mass,27,20,11,mm,elastic,hard,breast
			liver	nodule,brown,red,pale,3,mm,20,18,10,mm,multiple
			pituitary	nodule,red,white,1,mm
2311	SCHEDULED	105-1	liver	nodule,3,mm,20,16,6,mm,brown,pale,multiple
2312	SCHEDULED	105-1	liver	nodule,1,mm,33,18,17,mm,brown,dark,multiple
2313	MORIBUND	94-6	subcutis	mass,brown,yellow,6,5,3,mm,single
			forestomach	ulcer,single
			liver	nodule,white,5,mm//cyst,fluid,transparent,5,mm
			eye	white,left
2314	SCHEDULED	105-1	thoracic ca	pleural fluid,transparent,slight
			liver	nodule,1,mm,30,22,18,mm,brown,yellow//cyst,5,3,mm,lobe,left
			kidney	granular,moderate,bilateral
			pituitary	cyst,2,mm
			thyroid	nodule,white,gray,2,mm
2315	DEAD	86-1	uterus	dilated lumen,slight
			subcutis	mass,10,8,3,cm,white,red,solid,soft
			liver	white patch/zone,a few,scattering

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			whole body	wasting
2316	DEAD	104-1	nasal cavit	hemorrhage
			trachea	hemorrhage
			lung/branch	red
			liver	nodule,brown,white,9,mm,29,mm,multiple
			pituitary	red patch/zone,1,mm
			thoracic ca	hemorrhage
2317	SCHEDULED	105-1	liver	nodule,2,mm,15,12,15,mm,brown,multiple
			kidney	granular,slight,bilateral
			pituitary	enlarged,red,7,mm
			prep/cli gl	nodule,18,15,8,mm,ulcer
2318	SCHEDULED	105-1	lung/branch	brown
			liver	nodule,2,mm,18,14,10,mm,white,brown,multiple
			thyroid	nodule,white,gray,3,2,1,mm,right
2319	MORIBUND	101-7	subcutis	mass,soft,45,25,15,mm
			lymph node	enlarged,slight,bilateral,axilla
			spleen	enlarged,moderate,7,*2,*1,cm
			liver	nodular
			adipose	red patch/zone
2320	MORIBUND	90-7	nasal cavit	nodule,5,10,5,mm

():Comment

STUDY NO. : 0063
ANIMAL : RAT F344
REPORT TYPE : A1
SEX : FEMALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			cecum	dilated
			liver	nodule,7,10,mm,a few
			other	hemorrhage,cranial cavity
2321	MORIBUND	99-3	subcutis	mass,white,yellow,brown,solid,20,15,10,mm
			spleen	enlarged,slight
			liver	nodular
			pituitary	nodule,transparent,1,mm
			uterus	dilated lumen
			thoracic ca	pleural fluid,transparent,slight
			whole body	jaundice
2322	SCHEDULED	105-1	liver	nodule,3,mm,20,13,10,mm,a few,brown,gray,brown,red
			pituitary	red patch/zone,1,mm
2323	SCHEDULED	105-1	subcutis	mass,white,soft,12,8,6,mm,breast
			liver	nodule,white,brown,4,6,mm,multiple
			kidney	granular,slight,bilateral
			uterus	enlarged,moderate,bilateral
			adipose	nodule,black,5,mm
2324	MORIBUND	101-6	lung/branch	red
			spleen	enlarged,marked,72,18,mm
			liver	nodule,brown,a few,18,mm,13,mm

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 5000 ppm

GROSS FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104#)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			spinal cord	hemorrhage
2325	DEAD	103-7	subcutis	mass,white,solid,4,cm,multiple,axilla,inguinal
			lung/branch	congestion
			liver	white patch/zone,multiple//nodule,8,mm
			pituitary	nodule,red,2,mm
2326	MORIBUND	93-4	lung/branch	red patch/zone,1,mm//white patch/zone,2,mm, left
			lymph node	enlarged,slight,neck,liver hilar region,pancreas,mesenterium
			spleen	enlarged,6,2,cm//white patch/zone,4,6,mm
			gl stomach	fluid,black
			liver	nodule,transparent,2,*,4,mm//white patch/zone,reticular
			pituitary	enlarged,5,4,2,mm//red patch/zone,2,4,mm
			uterus	thick,bilateral
2327	DEAD	101-2	subcutis	cyst,white,yellow,10,mm
			lung/branch	nodule,white,3,mm,6,mm,a few//red
			spleen	enlarged,slight//granular,slight
			liver	nodule,brown,red,5,mm,50,35,mm,multiple
			pituitary	enlarged,red,dark,5,mm
			mediastinum	mass,red,15,20,mm
			thoracic ca	pleural fluid,hemorrhage,moderate
2328	DEAD	98-3	lung/branch	red patch/zone,dark,multiple,scattering

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			gl stomach	black patch/zone,1,mm,multiple,scattering
			liver	nodule,brown,pale,red,5,mm,12,mm,scattering,multiple
			pituitary	atrophic
2329	SCHEDULED	105-1	subcutis	mass,white,brown,pale,12,mm,28,mm
			liver	nodule,white,brown,red,9,8,12,mm,multiple
			kidney	granular,slight,bilateral
			pituitary	enlarged,red,5,mm
2330	MORIBUND	73-7	skin/app	reduced,face,abdomen,dorsal
			subcutis	mass,white,soft,29,22,19,mm,axilla
			liver	white patch/zone,multiple
			pituitary	enlarged,brown,10,*,8,*,9,mm
2331	DEAD	92-1	subcutis	mass,white,red,solid,203,g
			lung/branch	red
			liver	herniation//nodule,brown,20,mm,a few
2332	SCHEDULED	105-1	lung/branch	edema
			spleen	nodule,brown,pale,3,mm
			heart	white,atrium
			forestomach	ulcer,2,mm,2,mm,a few
			liver	nodule,brown,pale,multiple,10,15,mm
			pituitary	nodule,brown,2,mm

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2333	SCHEDULED	105-1	abdominal c	ascites,yellow,slight
			thoracic ca	pleural fluid,yellow,marked
			lung/branch	white patch/zone,4,mm,lobe, left
			liver	nodule,brown,pale,brown,red,15,12,mm,multiple
			kidney	granular,slight,bilateral
			pituitary	nodule,red,2,mm
			eye	red,right
2334	DEAD	94-5	st stomach	black patch/zone,a few
			liver	nodule,brown,red,lobe,right,anterior,24,mm,caudal
			pancreas	nodule,red,brown,1,mm,7,mm,a few
			pituitary	red patch/zone,a few
			vagina	dilated lumen//fluid,yellow
			peritoneum	nodule,10,*,15,*,1,mm,brown,red,diaphragm
			abdominal c	hemorrhage,marked
2335	SCHEDULED	105-1	subcutis	mass,white,gray,15,12,mm,fluid,white,abdomen
			spleen	nodule,18,15,18,mm,2,mm,white,gray,scattering
			liver	nodule,brown,moderate,5,7,mm//brown patch/zone
			kidney	granular
			adrenal	enlarged,14,15,12,mm, left
			thoracic ca	hemorrhage,slight

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2336	MORIBUND	100-6	subcutis	nodule,white,solid,12,9,6,mm
			gl stomach	fluid:black
			cecum	dilated
			liver	nodule,red,white,2,mm,13,mm,a few
			other	nodule,brown,pale,soft,10,15,10,mm,nose
2337	DEAD	97-3	forestomach	ulcer,single
			liver	nodular,brown,yellow,red,2,mm,15,mm
			uterus	nodule,yellow,white,soft,7,mm
			vagina	nodule,ulcer,keratinized,65,40,30,mm
			thoracic ca	pleural fluid,turbid,15,ml
2338	DEAD	99-3	lung/branch	red,dark,bi lateral
			liver	nodule,brown,4,mm,12,mm,multiple
			pituitary	red patch/zone,dark,2,3,mm,single
			adipose	nodule,brown,pale,12,mm,soft
			thoracic ca	hemorrhage,moderate
2339	SCHEDULED	105-1	subcutis	mass,2,1,2,cm,soft,white,gray,abdomen
			liver	nodule,multiple,brown,pale,7,mm,30,26,9,mm
2340	SCHEDULED	105-1	subcutis	mass,9,5,mm,white,gray,soft,breast,abdomen
			spleen	enlarged,slight,55,*,14,*,10,mm
			liver	nodule,brown,pale,brown,green,multiple,cyst,6,mm,25,12,9,mm

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2341	DEAD	84-6	kidney	granular,slight,bilateral
			prep/cli gl	nodule,8,mm
			subcutis	mass,brown,solid,22,14,15,mm
			lung/branch	red
			liver	white patch/zone,scattering
			pituitary	nodule,red patch/zone,dark,8,mm
			thoracic ca	pleural fluid,transparent,slight
2342	SCHEDULED	105-1	lung/branch	red patch/zone,multiple
			spleen	enlarged,6,2,1,cm
			forestomach	red patch/zone,multiple//ulcer
			gl stomach	red patch/zone,multiple
			liver	nodule,2,mm,1,cm,brown,gray,multiple
			pituitary	black patch/zone//enlarged
			adipose	nodule,yellow,3,mm,abdominal cavity
			thoracic ca	pleural fluid,transparent,slight
			whole body	anemic
			2343	MORIBUND
pituitary	enlarged,red,7,8,5,mm			
2344	MORIBUND	82-7	subcutis	mass,cyst,fluid,white,5,mm,10,mm,a few//jaundice,slight
			lung/branch	white patch/zone,gray,multiple,scattering

():Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 5000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			spleen	enlarged,slight,70,20,10,mm
			gl stomach	red patch/zone,multiple//ulcer,2,mm,a few
			liver	nodular,brown,green,2,mm,5,mm,multiple
			pituitary	nodule,2,mm
			vagina	fluid,white,gray
2345	DEAD	98-4	subcutis	jaundice
			lymph node	enlarged,slight,neck,mediastinum
			gl stomach	black patch/zone,a few
			liver	nodule,yellow,brown,1,mm,10,mm,multiple
			pituitary	black patch/zone,1,mm
			thyroid	enlarged,red,2,3,2,mm,right
			thoracic ca	pleural fluid,brown,5,ml
2346	SCHEDULED	105-1	skin/app	reduced
			liver	nodule,brown,25,30,15,mm
			kidney	granular,bilateral
			pituitary	red patch/zone,2,*,1,mm
2347	SCHEDULED	105-1	lung/branch	nodule,1,mm,multiple,brown,gray//edema
			liver	nodule,brown,red,2,mm,2,cm,multiple
			whole body	wasting
2348	DEAD	99-7	subcutis	mass,white,solid,a few,10,7,10,mm,30,23,15,mm,45,40,23,mm

(): Comment

STUDY NO. : 0063
 ANIMAL : RAT F344
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : 5000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			lung/branch	red,bi lateral
			spleen	nodule,red,13,mm,15,mm//deformed
			st stomach	thick
			liver	nodule,red,yellow,3,17,mm,multiple
			pituitary	nodule,red,2,mm,a few
2349	SCHEDULED	105-1	liver	nodule,brown,pale,multiple,2,mm,3,4,1,cm//cyst
			kidney	granular,slight,bilateral
			pituitary	red patch/zona,3,*,2,mm
2350	SCHEDULED	105-1	lung/branch	nodule,4,5,mm, left
			liver	nodule,brown,2,mm,15,5,15,mm,multiple//cyst
			kidney	granular,slight,bilateral

():Comment

APPENDIX U3

GROSS FINDINGS (INDIVIDUAL)

MOUSE:MALE

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

GROUP NAME : Control

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

PAGE : 1

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1001	DEAD	92-3	spleen	enlarged,slight
			ileum	nodule,red,6,mm
			liver	nodule,5,mm
1002	SCHEDULED	105-1	lung/branch	nodule,1,mm,brown,pale
			testis	hard,right
			semin ves	enlarged,slight,bilateral,brown,right
1003	DEAD	98-7	lung/branch	nodule,red,white,gray,6,mm,right,2,mm,left
			liver	nodule,red,5,mm,18,mm,a few
			semin ves	enlarged,slight
1004	DEAD	61-1	urin bladd	urine:marked retention
1005	SCHEDULED	105-1	lung/branch	nodule,5,mm,white,gray,lobe,middle
			liver	nodule,10,8,mm,brown
			semin ves	enlarged,slight,bilateral,brown,pale,right
			adipose	nodule,yellow,3,mm,abdominal cavity
1006	MORIBUND	66-4	subcutis	black patch/zone,1,mm//edema
			liver	enlarged,slight,white,reticular,zone
			vertebra	nodule,yellow,soft
			abdominal c	hemorrhage,moderate
1007	SCHEDULED	105-1	liver	nodule,brown,pale,3,mm,lobe,median
			semin ves	enlarged,slight,brown,pale,left,brown,right

():Comment

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

GROUP NAME : Control

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

PAGE : 2

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1008	DEAD	69-7	Lung/branch	white patch/zone,a few,left
			spleen	black patch/zone
			sl stomach	red patch/zone,multiple,mucosa
			Liver	nodule,red,dark,solid,6,10,mm,multiple
1009	SCHEDULED	105-1	Liver	nodule,brown,pale,5,mm
			semin ves	enlarged,slight,bilateral
			adipose	nodule,yellow,5,6,mm,abdominal cavity
1010	SCHEDULED	105-1	sl stomach	thick
			semin ves	enlarged,slight,bilateral
1011	SCHEDULED	105-1	Lung/branch	nodule,white,gray,3,mm,lobe,left
			spleen	nodule,9,7,mm,lower
			Liver	red patch/zone,3,mm,lobe,left//white patch/zone,2,mm,lobe,right,posterior
			semin ves	enlarged,slight,bilateral
1012	SCHEDULED	105-1	Lung/branch	nodule,white,gray,2,mm,lobe,right,anterior
			Liver	nodule,brown,yellow,10,*,7,*,4,mm//red patch/zone,single
1013	SCHEDULED	105-1	forestomach	nodule,white,3,mm
			Liver	nodule,5,4,mm,2,1,mm,a few
			testis	hard,bilateral
			semin ves	enlarged,slight,bilateral
1014	SCHEDULED	105-1	Lung/branch	nodule,white,gray,2,mm,lobe,left

():Comment

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

GROUP NAME : Control

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

PAGE : 3

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			salivary gl	enlarged,10,7,4,mm,deformed,submaxillary gland
			Liver	nodule,brown,red,11,mm,6,mm,lobe,right,posterior,lobe,median//red patch/zone,5,3,mm,lobe, left
			semin ves	enlarged,slight,bilateral,brown,black,right
1015	SCHEDULED	105-1	spleen	enlarged,slight
			gl stomach	nodule,white,10,mm,serosa
			Liver	nodule,7,4,7,mm,lobe,median
			pancreas	red patch/zone,12,8,mm
			testis	hard,bilateral
			semin ves	enlarged,slight,bilateral,brown,yellow, left,brown,dark,right
1016	DEAD	61-5	lung/branch	congestion
			Lymph node	enlarged,red,6,20,6,mm
			spleen	nodule,red,7,8,7,mm
			mediastinum	mass,red,7,5,7,mm
			thoracic ca	pleural fluid,hemorrhage,2,ml
1017	SCHEDULED	105-1	Liver	nodule,brown,pale,3,4,mm,a few,2,mm,single,lobe,median,lobe, left
			semin ves	enlarged,slight,brown
1018	DEAD	91-1	nasal cavit	hemorrhage
			lung/branch	nodule,white,1,mm,multiple//red,dark
			gl stomach	thick
			Liver	nodule,brown,yellow,red,3,10,mm,multiple

(): Comment

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

GROUP NAME : Control

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

PAGE : 4

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1019	SCHEDULED	105-1	liver	red patch/zone,2,3,mm
			testis	hard, left
			semin ves	enlarged,slight,brown,gray, left,brown,right
1020	SCHEDULED	105-1	lung/branch	nodule,white,gray,1,mm,multiple
			liver	nodule,brown,red,23,*,20,*,15,mm
1021	DEAD	104-6	lung/branch	nodule,white,gray,1,3,mm,multiple
			spleen	deformed//nodule,red,1,mm,a few
			liver	nodule,red,solid,soft,13,mm,20,mm,a few
			semin ves	enlarged,bilateral//brown,bilateral
			abdominal c	ascites,hemorrhage,slight
1022	SCHEDULED	105-1	semin ves	enlarged,slight,bilateral
1023	MORIBUND	90-1	gl stomach	fluid,black
			liver	nodule,gray,5,2,5,mm
1024	DEAD	100-2	liver	red patch/zone,a few//nodule,brown,5,1,mm,a few
			ureter	dilated,right
			urin bladd	urine:marked retention
1025	SCHEDULED	105-1	liver	nodule,brown,red,9,mm,brown,pale,3,mm
			testis	hard,right
			semin ves	enlarged,moderate,bi lateral,brown,pale,right
1026	SCHEDULED	105-1	semin ves	enlarged,slight,right,moderate, left,brown,dark,bi lateral

():Comment

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

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1027	SCHEDULED	105-1	Lung/branch	nodule,white,gray,1,mm,lobe,posterior
			semin ves	enlarged,slight,right
1028	SCHEDULED	105-1	spleen	black patch/zone,5,3,mm,upper
			kidney	hydronephrosis,right
			urin bladd	fluid,brown
			semin ves	enlarged,moderate,right,slight,left,brown,dark,bi lateral
			adipose	nodule,yellow,4,mm,abdominal cavity
1029	DEAD	93-7	spleen	nodule,red,dark,12,8,12,mm
			gl stomach	thick
			liver	anemic
			abdominal c	hemorrhage,moderate
1030	DEAD	91-3	pituitary	nodule,red,1,mm
			thoracic ca	pleural fluid,hemorrhage
1031	DEAD	100-5	lymph node	enlarged,marked,mesenterium,retroperitoneum
1032	SCHEDULED	105-1	lung/branch	nodule,white,gray,1,mm,lobe,middle
			liver	nodule,brown,red,2,5,2,cm,lobe,median//brown patch/zone,red,7,mm,lobe,right,posterior
			testis	hard,right
			semin ves	enlarged,moderate,right,slight,left,brown
1033	SCHEDULED	105-1	spleen	enlarged,moderate
			semin ves	enlarged,slight,bi lateral,brown,red,bi lateral

():Comment

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

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1034	MORIBUND	64-6	gl stomach	thick
			liver	nodule,white,yellow,6,mm
			gall bladd	dilated,black
			kidney	anemic,bilateral
			urin bladd	hemorrhage,patch,multiple//urine:marked retention
			semin ves	enlarged,brown,right
1035	DEAD	89-3	liver	enlarged//nodule,white,2,6,mm,multiple
			prep/cli gl	enlarged,white,hemorrhage,14,10,5,mm
			abdominal c	hemorrhage,slight
1036	DEAD	85-4	lung/branch	nodule,white,1,5,mm,multiple,bilateral
			lymph node	enlarged,white,gray,36,18,mm,mesenterium,retroperitoneum
			liver	nodule,brown,red,a few//black patch/zone,1,mm,a few
			gall bladd	dilated
			thoracic ca	pleural fluid,brown,moderate
1037	SCHEDULED	105-1	testis	hard,right
			semin ves	enlarged,moderate,bilateral,brown,pale,left
1038	SCHEDULED	105-1	liver	nodule,brown,11,8,mm
			semin ves	enlarged,slight,right,moderate,left
			adipose	nodule,yellow,3,mm,abdominal cavity
1039	SCHEDULED	105-1	liver	nodule,brown,12,9,mm

():Comment

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

GROUP NAME : Control

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

PAGE : 7

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
			testis	hard,right
			semin ves	enlarged,slight,bilateral,brown,pale,right,brown, left
1040	SCHEDULED	105-1	lung/branch	nodule,white,gray,3,2,mm,lobe, left
			semin ves	enlarged,slight,bilateral,brown,bilateral
			adipose	nodule,yellow,3,mm,abdominal cavity
1041	SCHEDULED	105-1	liver	nodule,5,mm,6,mm,a few//white patch/zone,gray,8,4,mm//red patch/zone,4,3,mm
			semin ves	enlarged,moderate,white, left,slight,brown,right
1042	MORIBUND	104-1	lung/branch	nodule,brown,2,mm,multiple
			liver	nodule,brown,red,a few
			gall bladd	dilated
			semin ves	brown,bilateral
1043	SCHEDULED	105-1	duodenum	nodule,gray,6,10,6,mm
			urin bladd	dilated
			semin ves	enlarged,right,moderate,white, left,slight,red
1044	DEAD	88-4	lung/branch	nodule,white,1,2,mm,a few//red patch/zone,multiple
			lymph node	enlarged,slight,mediastinum,mesenterium,retroperitoneum
			spleen	enlarged,39,14,8,mm
			jejunum	red,dark,fluid:red
			liver	enlarged,slight//white patch/zone,scattering
			gall bladd	dilated

():Comment

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

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			brain	red patch/zone
			abdominal c	ascites,hemorrhage,slight
1045	SCHEDULED	105-1	spleen	nodule,red,6,mm
			liver	nodule,white,gray,3,mm//white patch/zone,gray,2,mm
			semin ves	enlarged,slight,bilateral,white
			adipose	nodule,yellow,3,mm,abdominal cavity
1046	SCHEDULED	105-1	testis	hard, left
			semin ves	enlarged,slight,bilateral,brown,right,white, left
1047	SCHEDULED	105-1	lymph node	enlarged,7,mm,multiple,white,pancreas,4,mm,retroperitoneum
			spleen	enlarged,moderate,1,4,1,cm
			liver	red patch/zone,2,3,mm,lobe, left//nodule,1,cm,green,gray
			semin ves	enlarged,moderate,bilateral,white,right,brown, left
			bone	nodule,white,6,7,4,mm,cranial bone
1048	SCHEDULED	105-1	semin ves	enlarged,slight,yellow,right,moderate,white, left
1049	SCHEDULED	105-1	liver	nodule,1,mm,lobe, left//red patch/zone,2,mm,lobe,right,anterior
			semin ves	enlarged,slight,bilateral,white
			other	nodule,7,5,mm,tail
1050	DEAD	73-7	lung/branch	red,dark
			gl stomach	red patch/zone,multiple
			mediastinum	mass,white,5,3,mm,a few

():Comment

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

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			abdominal c	ascites,brown,pale,slight//mass,white,soiled,55,30,20,mm
			adipose	nodule,white,2,6,mm,a few

():Comment

(HPT045)

BAIS2

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

GROUP NAME : 500 ppm

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

PAGE : 10

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1101	MORIBUND	51-4	subcutis	edema,marked
			Lymph node	enlarged,slight,retroperitoneum
			spleen	enlarged,moderate,deformed
			liver	enlarged,slight//white patch/zone
			kidney	hemorrhage,patch,bilateral
			abdominal c	ascites,transparent,10,ml
			thoracic ca	pleural fluid,transparent,slight
			whole body	anemic
1102	SCHEDULED	105-1	lung/branch	nodule,white,gray,2,mm,lobe,left
			liver	nodule,brown,pale,12,10,mm,lobe,median
			semin ves	enlarged,slight,brown,bilateral
1103	SCHEDULED	105-1	Lymph node	enlarged,slight,mediastinum,marked,pancreas,mesenterium,retroperitoneum
			semin ves	enlarged,slight,brown,bilateral
1104	SCHEDULED	105-1	lung/branch	nodule,white,gray,2,mm,lobe,middle
			testis	hard,right
			semin ves	enlarged,brown,bilateral,slight
1105	DEAD	92-5	subcutis	edema,slight
			Lymph node	enlarged,neck,axilla,mediastinum,retroperitoneum,mesenterium
			spleen	enlarged,40,10,8,mm
			liver	nodule,red,9,8,5,mm

():Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			semin ves	brown, left
			abdominal c	ascites, hemorrhage, white, slight//mass, white, cyst, 40, 25, 20, mm
			adipose	nodule, yellow, 7, 5, 3, mm
			thoracic ca	pleural fluid, hemorrhage, white, slight
			other	coagulation gland, enlarged, bilateral
1106	SCHEDULED	105-1	liver	nodule, brown, 18, 14, mm, lobe, median
			urin bladd	urine: marked retention
			semin ves	enlarged, left//brown, right
			prep/cli gl	nodule, yellow, 7, 7, mm
1107	SCHEDULED	105-1	lung/branch	nodule, white, gray, 3, mm, lobe, middle
			spleen	black patch/zone, 3, mm
			liver	nodule, brown, pale, 3, mm, lobe, left
			pancreas	nodule, yellow, 2, 3, mm, multiple
			testis	hard, left
			semin ves	brown, bilateral
1108	DEAD	104-4	subcutis	jaundice
			spleen	nodule, pale, 5, mm
			gl stomach	thick
			liver	nodule, red, 6, 17, mm//pale
			testis	hard, right

(): Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
			semin ves	black,bilateral
1109	DEAD	58-6	whole body	fatty
1110	SCHEDULED	105-1	lung/branch	nodule,brown,pale,1,2,mm,multiple,scattering
			liver	nodule,brown,red,19,17,mm,20,18,mm
			testis	hard, left
			semin ves	enlarged,brown,slight,bilateral
1111	SCHEDULED	105-1	lymph node	enlarged,marked,30,17,12,mm,mesenterium
			liver	nodule,5,mm,lobe,median
			semin ves	enlarged,slight,bilateral
1112	SCHEDULED	105-1	lung/branch	nodule,white,yellow,2,3,2,mm,lobe,posterior
			liver	nodule,2,mm,3,4,3,mm,brown,pale,multiple
			semin ves	enlarged,slight,bilateral
1113	SCHEDULED	105-1	liver	nodule,brown,pale,3,4,mm//atrophic,10,7,5,mm
			semin ves	enlarged,brown,slight,bilateral
			prep/cli gl	nodule,6,*,5,*,3,mm
			adipose	nodule,brown,green,2,3,2,mm,abdominal cavity
1114	SCHEDULED	105-1	liver	nodule,brown,pale,11,9,5,mm,multiple
			semin ves	enlarged,brown,dark,bilateral,slight
1115	SCHEDULED	105-1	liver	nodule,brown,pale,brown,red,23,mm,multiple
			semin ves	enlarged,slight,bilateral,brown,right

():Comment

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

GROUP NAME : 500 ppm

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

PAGE : 13

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			adipose	nodule,yellow,3,mm,abdominal cavity
1116	SCHEDULED	105-1	gl stomach	thick
			Liver	nodule,12,14,6,mm,brown,pale
			semin ves	enlarged,bilateral,brown,left,brown,yellow,right
1117	DEAD	87-6	lung/branch	red
			Liver	nodule,brown,4,15,mm
			other	nodule,8,4,3,mm,single,tail
1118	SCHEDULED	105-1	lung/branch	nodule,white,gray,3,mm,lobe,posterior,2,mm,lobe,middle
			semin ves	enlarged
1119	SCHEDULED	105-1	lung/branch	nodule,white,gray,multiple,1,mm
			Liver	nodule,red,20,mm,green,yellow,white,gray,4,mm
			semin ves	enlarged,slight,brown,left,brown,black,right
			adipose	nodule,yellow,green,12,6,mm,abdominal cavity
1120	DEAD	99-5	lung/branch	edema//nodule,white,red,4,mm,3,2,mm,a few
			cecum	nodule,white,3,3,mm,single
			Liver	nodule,brown,red,10,9,10,mm,multiple
			semin ves	brown,black,left
			abdominal c	hemorrhage,slight
1121	SCHEDULED	105-1	lung/branch	nodule,red,gray,5,8,5,mm,lobe,left
			semin ves	enlarged,slight,white,left,moderate,brown,pale,right

():Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1122	MORIBUND	75-2	stomach	fluid,brown,pale
			small intes	fluid:brown,pale
			cecum	fluid,brown,pale
			gall bladd	dilated,7,mm,fluid,black
			semin ves	red,dark,right
1123	DEAD	74-3	gl stomach	thick,white
			liver	nodule,solid,red,dark,35,25,18,mm//white patch/zone,yellow,2,mm,2,mm
			semin ves	red patch/zone,dark,left
1124	SCHEDULED	105-1	liver	nodule,brown,pale,10,6,mm,lobe,right,posterior
			testis	hard,bilateral//atrophic,slight,right
			semin ves	enlarged,slight,bilateral
1125	SCHEDULED	105-1	lung/branch	nodule,white,gray,7,mm,lobe,left
			spleen	nodule,brown,pale,3,2,mm
			liver	nodule,brown,red,8,2,mm,multiple
			testis	hard,bilateral
			semin ves	enlarged,slight,right
1126	SCHEDULED	105-1	liver	nodule,brown,15,mm
			semin ves	enlarged,brown,red,slight,bilateral
			adipose	nodule,yellow,2,mm,abdominal cavity
1127	SCHEDULED	105-1	liver	nodule,brown,red,13,mm,12,mm,7,mm

():Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			semin ves	brown
			prep/cli gl	nodule,white,yellow,5,mm
1128	SCHEDULED	105-1	Liver	nodule,brown,6,mm,6,mm,lobe,right,posterior
			semin ves	enlarged,slight,bilateral,brown,left
1129	MORIBUND	48-4	Lymph node	enlarged,white,7,mm
			spleen	enlarged,slight,20,7,5,mm
			gl stomach	thick
			Kidney	hydronephrosis,right
			abdominal c	ascites,brown,marked
1130	SCHEDULED	105-1	subcutis	mass,white,gray,20,12,8,mm,axilla,left
			Lymph node	enlarged,slight,neck,axilla,mediastinum,moderate,mesenterium
			spleen	nodule,brown,pale,brown,red,14,13,mm
			Liver	nodule,white,gray,brown,red,14,15,mm//yellow patch/zone,5,4,mm
			semin ves	enlarged,brown,moderate,bilateral
1131	SCHEDULED	105-1	lung/branch	nodule,white,gray,2,mm,lobe,middle
1132	SCHEDULED	105-1	Lymph node	enlarged,marked,retroperitoneum,mesenterium
			spleen	enlarged,slight//nodule,4,*,9,mm
			Liver	nodule,brown,red,brown,pale,17,13,mm,multiple
			semin ves	enlarged,slight,brown,pale,left,brown,right
1133	DEAD	86-7	lung/branch	nodule,solid,white,12,mm//red

():Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
			thoracic ca	pleural fluid,transparent,moderate
1134	SCHEDULED	105-1	liver	nodule,12,6,mm,brown,red,brown,pale,a few
			semin ves	enlarged,slight,bilateral
1135	SCHEDULED	105-1	skin/app	nodule,ulcer
			lung/branch	nodule,white,2,mm
			liver	nodule,brown,pale,6,3,mm,10,7,mm
			urin bladd	urine:marked retention,yellow
			testis	hard,bilateral
			semin ves	enlarged,brown,dark,slight,bilateral
			adipose	nodule,yellow,2,mm,abdominal cavity
1136	SCHEDULED	105-1	liver	nodule,brown,red,brown,pale,20,14,mm
			testis	hard,bilateral
			semin ves	brown,bilateral
			other	nodule,black,tail,5,mm
1137	MORIBUND	57-7	gl stomach	thick
			semin ves	enlarged,slight
1138	DEAD	85-1	gl stomach	ulcer
			liver	nodule,red,5,15,mm
1139	SCHEDULED	105-1	liver	brown patch/zone,pale,2,mm//nodule,brown,pale,2,5,mm
			testis	hard,bilateral

():Comment

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

GROUP NAME : 500 ppm

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

PAGE : 17

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			semin ves	enlarged,brown, left,brown,dark,right
			adipose	nodule,yellow,3,mm,abdominal cavity
1140	DEAD	99-7	lymph node	enlarged,marked,mesenterium,retroperitoneum
			liver	nodule,brown,12,mm
1141	SCHEDULED	105-1	gl stomach	thick
			semin ves	enlarged,white,slight,bilateral
			prep/cli gl	nodule,yellow,6,mm,right
1142	DEAD	62-1	urin bladd	urine:marked retention
1143	DEAD	102-7	subcutis	mass,white,18,15,5,mm
			lung/branch	red
			lymph node	enlarged,moderate,retroperitoneum,slight,pancreas,mediastinum,axilla,mesenterium
			liver	herniation
1144	SCHEDULED	105-1	lymph node	enlarged,5,6,4,mm,liver hilar lymph node
			semin ves	enlarged,slight,bilateral
1145	SCHEDULED	105-1	spleen	nodule,red,3,mm
			liver	red patch/zone,5,mm
1146	SCHEDULED	105-1	lung/branch	red
			liver	nodule,brown,5,4,mm,lobe, left
			semin ves	enlarged,moderate,white,right
1147	SCHEDULED	105-1	testis	hard, left

():Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			semin ves	enlarged,slight,bilateral,brown,right,white, left
1148	DEAD	102-4	lung/branch	nodule,white,5,4,mm,single
			spleen	enlarged,slight,25,18,mm
			duodenum	white patch/zone
			liver	nodule,brown,10,7,mm,12,18,mm,a few
1149	SCHEDULED	105-1	spleen	black patch/zone
			semin ves	enlarged,brown,slight,bilateral
1150	DEAD	78-5	liver	pale//nodule,white,red,7,10,15,mm,a few
			abdominal c	hemorrhage,slight
			adipose	nodule,yellow,4,3,2,mm,abdominal cavity

():Comment

(HPT045)

BAIS2

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

GROUP NAME : 2000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
1201	DEAD	63-2	Lung/branch	congestion,slight
			Liver	nodule,red,dark,solid,15,10,15,mm
1202	SCHEDULED	105-1	Lung/branch	nodule,brown,pale,1,mm,9,4,mm,multiple
			Liver	nodule,brown,pale,brown,red,18,14,mm//red patch/zone,5,4,mm,lobe,right,anterior
			semin ves	enlarged,moderate,bilateral,brown, left
			prep/cli gl	nodule,cyst,5,mm, left
			Harder gl	nodule,white,3,mm
1203	DEAD	97-2	Lymph node	enlarged,moderate,liver hilar region,mesenterium
			forestomach	ulcer,1,mm,single
			Liver	nodule,red,12,2,mm,multiple
			pituitary	nodule,brown,1,mm,a few
			abdominal c	ascites,hemorrhage,turbid,moderate
			thoracic ca	pleural fluid,white,moderate
1204	SCHEDULED	105-1	subcutis	mass,red,6,mm
			Liver	nodule,brown,5,mm,12,mm,2,mm//red patch/zone,4,mm,lobe, left
			semin ves	enlarged,slight,right
			adipose	nodule,yellow,5,mm,abdominal cavity
1205	DEAD	98-2	Lung/branch	red
			Lymph node	enlarged,slight,mediastinum,liver hilar region,pancreas,retroperitoneum,mesenterium
			spleen	enlarged,slight

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
			Liver	white patch/zone,a few//nodule,brown,7,mm
			thoracic ca	pleural fluid,white,moderate
1206	SCHEDULED	105-1	Lung/branch	nodule,brown,pale,9,7,mm,lobe,posterior
			Liver	nodule,brown,pale,3,mm,brown,3,mm//red patch/zone,caudal
			semin ves	enlarged,slight,bilateral,brown,left
1207	SCHEDULED	105-1	Liver	nodule,brown,10,8,mm,3,mm,lobe,median//yellow patch/zone,7,mm,2,mm,2,mm
			Kidney	granular,slight,right
			semin ves)	enlarged,slight,right
			prep/cli gl	nodule,yellow,6,*,5,mm,right
1208	MORIBUND	93-6	subcutis	nodule,white,3,mm
			Liver	nodule,yellow,brown,red,6,mm//white patch/zone,multiple
			urin bladd	nodule,red,yellow,7,12,11,mm,single
1209	SCHEDULED	105-1	Liver	nodule,brown,9,mm,brown,dark,brown,red,12,mm
			testis	hard,right
			semin ves	brown,bilateral
			adipose	nodule,yellow,3,2,mm,abdominal cavity
1210	MORIBUND	96-3	lung/branch	nodule,brown,pale,4,mm,lobe,middle
			Liver	nodule,brown,9,13,mm,lobe,left,single
			semin ves	enlarged,left
			prep/cli gl	nodule,yellow,7,mm

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1211	SCHEDULED	105-1	subcutis	mass,red,6,mm
			spleen	nodule,5,*,3,mm
			liver	nodule,11,mm,brown,green,white,gray,2,mm,multiple
			adipose	nodule,10,8,mm,white,abdominal cavity
1212	SCHEDULED	105-1	lung/branch	nodule,white,yellow,5,4,3,mm,lobe,anterior
			liver	nodule,brown,pale,3,9,14,15,mm,a few
			semin ves	enlarged,moderate,right,slight,left,brown
			prep/cli gl	nodule,yellow,5,3,5,mm,abscess
1213	SCHEDULED	105-1	spleen	black patch/zone
			liver	nodule,brown,pale,2,5,3,2,mm//red patch/zone,a few
			prep/cli gl	nodule,yellow,6,5,3,mm
1214	DEAD	92-3	lymph node	enlarged,10,mm,pancreas
			gl stomach	red patch/zone,a few
			liver	red patch/zone,2,mm//nodule,red,12,3,5,mm
			pituitary	enlarged,white,5,mm
			prep/cli gl	nodule,6,mm
1215	SCHEDULED	105-1	liver	nodule,3,1,mm,brown,pale,multiple
			semin ves	enlarged,brown,slight,left
1216	DEAD	92-7	lung/branch	red,lobe,anterior,lobe,middle//nodule,white,8,mm,single
			gl stomach	thick//black patch/zone,a few

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			liver	nodule,brown,red,a few//red patch/zone,multiple,lobe, left
			abdominal c	hemorrhage,moderate
1217	SCHEDULED	105-1	lung/branch	nodule,white,gray,2,mm
			spleen	nodule,red,6,mm
			gl stomach	nodule,5,mm
			liver	nodule,brown,red,13,10,7,mm,lobe, left
			pancreas	nodule,red,6,mm
1218	DEAD	62-2	spleen	black patch/zone,5,4,mm
			liver	nodule,brown,3,mm,a few
			urin bladd	urine:marked retention,2,ml
1219	DEAD	84-5	lymph node	enlarged,moderate,mesenterium
			spleen	enlarged,slight//nodule,white,2,5,mm,multiple
			ileum	dilated//nodule,white,7,mm
			liver	nodule,white,3,mm,single
1220	DEAD	93-7	spleen	enlarged,moderate,12,40,12,mm
			gl stomach	thick
			liver	nodule,brown,9,6,9,mm,single
			semin ves	brown,bilateral
			abdominal c	hemorrhage,marked
1221	SCHEDULED	105-1	lung/branch	nodule,white,gray,1,mm

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			semin ves	enlarged, moderate, bilateral, brown, gray, right, white, left
1222	MORIBUND	93-7	lung/branch	nodule, white, red, 1, mm, multiple, 7, 5, 4, mm
			liver	nodule, white, brown, solid, 16, 13, 9, mm, multiple
			gall bladd	dilated
			pancreas	nodule, brown, solid, 7, 4, 7, mm
			prep/cli gl	nodule, yellow, 3, 2, 3, mm
			adipose	nodule, yellow, 3, 2, 3, mm
1223	SCHEDULED	105-1	lung/branch	nodule, white, gray, 3, mm, lobe, left, 5, mm, lobe, anterior//adhesion, lobe, left//red patch/zone
			liver	nodule, brown, red, brown, pale, 15, 13, mm, multiple
			semin ves	enlarged, brown, red, slight, bilateral
			Harder gl	nodule, white, 5, 7, 4, mm
			adipose	nodule, yellow, 6, 2, mm, abdominal cavity
1224	MORIBUND	100-1	lymph node	enlarged, slight, red
			liver	nodule, white, brown, pale, 20, 15, 20, mm, a few
			pancreas	nodule, brown, red, 6, 10, mm
			semin ves	brown, right
			abdominal c	hemorrhage, marked
1225	DEAD	84-3	subcutis	nodule, red, 7, 5, 7, mm
			lung/branch	red patch/zone
			lymph node	enlarged, marked, mesenterium

(): Comment

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

GROUP NAME : 2000 ppm

GROSS FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104#)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			spleen	nodule,red,5,mm
			urin bladd	dilated
			semin ves	enlarged
			retroperit	mass,white,gray,solid,32,21,22,mm
1226	SCHEDULED	105-1	lung/branch	nodule,white,gray,3,mm,lobe,lower
			liver	nodule,brown,5,4,mm,lobe,right,posterior,lobe,left
			prep/cli gl	nodule,yellow,abscess,4,mm
1227	SCHEDULED	105-1	lung/branch	nodule,white,gray,2,mm,lobe,left
			liver	nodule,brown,5,3,mm,lobe,left//red patch/zone,3,mm,lobe,right,anterior//white patch/zone
			testis	hard,left
			semin ves	enlarged,brown,slight,bilateral
			prep/cli gl	nodule,green,5,mm
1228	SCHEDULED	105-1	lung/branch	nodule,white,gray,3,1,mm,lobe,left
			liver	nodule,brown,pale,brown,10,mm,brown//red patch/zone,3,4,mm,lobe,left
			semin ves	enlarged,slight,bilateral
			adipose	nodule,yellow,4,mm,abdominal cavity
1229	SCHEDULED	105-1	liver	red patch/zone,2,1,mm,lobe,left
			semin ves	enlarged,slight,bilateral,brown,pale,right
			adipose	nodule,yellow,4,mm,abdominal cavity
1230	SCHEDULED	105-1	lung/branch	nodule,white,gray,4,mm,lobe,posterior,lobe,left

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			spleen	nodule,6,mm
			Liver	nodule,brown,red,6,5,7,mm//red patch/zone,2,mm,3,mm,4,mm
			urin bladd	fluid,brown//red patch/zone
			semin ves	enlarged,brown,bilateral,slight, left,moderate,right
			adipose	red patch/zone,7,5,mm,mesenterium
			other	nodule,black,soft,4,3,mm,tail
1231	DEAD	95-7	semin ves	brown,bilateral
1232	MORIBUND	70-6	spleen	enlarged,27,10,3,mm
			gl stomach	thick
			Liver	nodule,white,4,2,mm
			abdominal c	hemorrhage,slight
1233	DEAD	91-7	spleen	black patch/zone,7,2,mm,deformed
			Liver	nodule,white,gray,10,7,6,mm
			semin ves	enlarged,slight,bilateral
1234	SCHEDULED	105-1	Liver	nodule,brown,red,10,5,mm,13,12,mm,multiple//red patch/zone
			thyroid	enlarged,white,gray,12,10,mm,right
			semin ves	enlarged,brown,pale,slight,bilateral
1235	SCHEDULED	105-1	subcutis	mass,brown,4,mm,axilla
			semin ves	enlarged,slight,bilateral,brown,pale,right,brown, left
1236	MORIBUND	88-6	skin/app	wound,abdomen

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			Liver	nodule,red,white,25,18,15,mm,lobe, left
1237	DEAD	101-7	lung/branch	nodule,white,2,mm,single
			Liver	nodule,brown,19,mm,5,mm,9,mm,a few
			prep/cli gl	nodule,3,mm, left
1238	SCHEDULED	105-1	lung/branch	nodule,white,2,mm
			spleen	nodule,brown,2,mm
			Liver	nodule,brown,pale,2,9,mm,multiple//red patch/zone,7,mm
			prep/cli gl	nodule,yellow,abscess,5,mm,right
1239	DEAD	81-3	Liver	nodule,red,dark,20,15,10,mm
			abdominal c	hemorrhage,slight
			adipose	nodule,yellow,2,3,2,mm
1240	DEAD	72-3	spleen	nodule,brown,pale,solid,10,mm,6,mm//anemic
			Liver	nodule,brown,pale,10,mm
			semin ves	red patch/zone
			adipose	nodule,yellow,5,mm,abdominal cavity
1241	SCHEDULED	105-1	lung/branch	nodule,white,1,mm,lobe,anterior
			Liver	nodule,red,2,cm,lobe, left,lobe,right,posterior
1242	SCHEDULED	105-1	Liver	nodule,2,1,cm,lobe,median//red patch/zone,3,4,mm
			gall bladd	dilated,green
			semin ves	enlarged,slight,bilateral,yellow, left,white,right

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1243	DEAD	87-2	prep/cli gl	nodule,yellow,3,4,mm,bilateral,cyst
			Lymph node	enlarged,15,20,mm,retroperitoneum,mesenterium
			thymus	enlarged,12,mm
			heart	dilated,atrium,right
			small intes	dilated lumen
			rectum	dilated lumen,15,10,7,mm
			large intes	dilated lumen
			Liver	nodule,white,3,5,mm,multiple
1244	MORIBUND	74-7	kidney	nodule,white,1,mm,left
			gl stomach	thick,white
			kidney	pale,bilateral
			urin bladd	urine:marked retention,turbid,white
1245	SCHEDULED	105-1	pituitary	enlarged,white,gray,5,mm
			Liver	white patch/zone,1,mm,a few
			semin ves	enlarged,white,slight,bilateral
1246	SCHEDULED	105-1	prep/cli gl	nodule,yellow,3,mm
			Liver	nodule,red,gray,white,gray,3,7,mm,multiple
1247	DEAD	102-2	lung/branch	red
			Liver	nodule,red,brown,12,22,mm,a few
1248	DEAD	98-4	subcutis	edema,slight

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			Lymph node	enlarged,slight,retroperitoneum,mesenterium
			Liver	nodule,white,yellow,17,14,7,mm,single//white patch/zone,multiple
			Harder gl	nodule,white,Left
			abdominal c	ascites,transparent,moderate
			thoracic ca	pleural fluid,transparent,marked
1249	SCHEDULED	105-1	lung/branch	nodule,white,1,mm,lobe,anterior
			Liver	nodule,2,cm
			periph nerv	nodule,6,4,3,mm,trigeminal nerve
1250	DEAD	104-4	spleen	nodule,red,dark,14,11,mm
			gl stomach	ulcer,a few
			Liver	pale//nodule,brown,red,3,9,mm,multiple
			pancreas	nodule,red,dark,6,*,5,mm
			abdominal c	hemorrhage,moderate
			adipose	nodule,yellow,3,mm

():Comment

(HPT045)

BAIS2

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

GROUP NAME : 8000 ppm

GROSS FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104#)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1301	DEAD	87-3	Lymph node	enlarged, slight, mediastinum, liver hilar region, pancreas, mesenterium, retroperitoneum
			spleen	enlarged, 25, 8, 6, mm
			liver	red patch/zone, a few, scattering
1302	SCHEDULED	105-1	lung/branch	nodule, white, 3, mm
			liver	nodule, 10, 7, mm, lobe, median//red patch/zone, 5, mm, lobe, right, posterior, 7, mm, lobe, left
1303	DEAD	85-5	stomach	thick
			liver	nodule, red, 8, 2, mm, a few
			thoracic ca	hemorrhage, severe
1304	MORIBUND	38-2	thymus	involution
			forestomach	ulcer, 3, mm
			brain	mass, white, gray, 5, 15, 5, mm
1305	DEAD	92-5	liver	white patch/zone, multiple//nodule, brown, 4, 3, 2, mm, single
			abdominal c	hemorrhage, marked
1306	DEAD	76-2	lung/branch	red
			forestomach	red patch/zone, a few
			liver	red patch/zone, 1, 4, mm, multiple
			semin ves	atrophic, bilateral
1307	SCHEDULED	105-1	lung/branch	nodule, white, yellow, 2, mm, lobe, anterior
			spleen	black patch/zone, 2, mm
			liver	red patch/zone, lobe, left//nodule, brown, 17, mm, lobe, right, posterior, right, anterior

(): Comment

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

GROUP NAME : 8000 ppm

GROSS FINDINGS (INDIVIDUAL)
 ALL ANIMALS (0-104#)

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
1308	MORIBUND	94-2	spleen	enlarged,slight
			liver	red patch/zone,a few//nodule,brown,15,mm,8,mm,a few
1309	DEAD	47-6	lymph node	enlarged,slight
			liver	swollen,yellow
			epididymis	hemorrhage,right//nodule,yellow,10,6,5,mm, left
			brain	hemorrhage
1310	SCHEDULED	105-1	liver	nodule,brown,red,8,9,mm,brown,4,mm//red patch/zone,3,4,mm,lobe,right,anterior,posterior
			semin ves	enlarged,slight,bilateral
1311	MORIBUND	68-1	liver	white patch/zone,multiple
1312	SCHEDULED	105-1	gl stomach	fluid:black
			small intes	black
			liver	atrophic,deformed//nodule,6,mm,brown,caudal,3,mm,lobe,median//red patch/zone,multiple
			adipose	nodule,yellow,3,mm,abdominal cavity
1313	SCHEDULED	105-1	salivary gl	enlarged,white,yellow,7,8,7,mm,submaxillary gland
			gl stomach	fluid,black
			liver	nodule,8,5,8,mm,3,2,mm,green,dark,brown//red patch/zone,multiple
1314	DEAD	91-5	lung/branch	red
			liver	nodule,brown,1,mm,3,mm,a few
1315	SCHEDULED	105-1	skin/app	nodule,2,mm
			liver	nodule,5,4,2,mm,multiple//red patch/zone,multiple

():Comment

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

GROUP NAME : 8000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			adipose	nodule,brown,yellow,3,mm,a few,abdominal cavity
1316	DEAD	94-5	lung/branch	nodule,1,mm,a few,left,red
			liver	white patch/zone,multiple
			prep/cli sl	nodule,slight,right
			abdominal c	hemorrhage,moderate
1317	MORIBUND	87-6	lymph node	enlarged,marked,23,11,10,mm,mesenterium
			ileum	nodule,white,5,10,mm,a few
			liver	nodule,brown,white,3,mm,a few
			gall bladd	dilated
			testis	red patch/zone,2,mm,a few,left
			thoracic ca	pleural fluid,transparent,slight
			whole body	anemic
1318	SCHEDULED	105-1	liver	nodule,red,4,7,2,mm//red patch/zone,multiple
1319	DEAD	59-2	skin/app	wound
			lung/branch	congestion
			liver	yellow,red patch/zone,multiple
1320	SCHEDULED	105-1	liver	nodule,multiple,lobe,left,brown,white,gray,5,4,mm//red patch/zone,a few
1321	SCHEDULED	105-1	lung/branch	nodule,2,mm,white,lobe,left
			lymph node	enlarged,moderate,5,20,5,mm,mesenterium,slight,mediastinum
			liver	red patch/zone,multiple

():Comment

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

GROUP NAME : 8000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			gall bladd	dilated
			semin ves	enlarged,slight,white,bilateral
1322	SCHEDULED	105-1	Liver	nodule,brown,red,brown,18,13,mm,a few//red patch/zone
1323	MORIBUND	97-3	Lymph node	enlarged,slight,mesenterium,liver hilar region
			liver	nodule,brown,3,10,mm,a few
1324	SCHEDULED	105-1	Liver	nodule,brown,red,brown,2,10,7,mm,multiple//red patch/zone,5,mm,lobe,right,posterior
			testis	hard,bilateral
1325	MORIBUND	84-2	lung/branch	cyst,transparent,1,mm,single
			Lymph node	enlarged,moderate,retroperitoneum,slight,neck,axilla
			forestomach	ulcer,single
			liver	nodule,red,deformed,6,11,mm
			urin bladd	cyst,transparent,2,mm
			prostate	red
			abdominal c	ascites,hemorrhage,marked
			thoracic ca	pleural fluid,hemorrhage,marked//mass,white,deformed
1326	DEAD	97-3	lung/branch	red
			liver	nodule,red,dark,multiple
			testis	atrophic,left
1327	MORIBUND	69-6	Liver	enlarged//white patch/zone//nodule,white,gray,8,mm
1328	DEAD	91-6	subcutis	mass,red,dark,5,10,5,mm

():Comment

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

GROUP NAME : 8000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			lung/branch	red
			Lymph node	enlarged, moderate, mesenterium
			spleen	nodule, white, 6, 7, 6, mm
			gl stomach	black patch/zone, a few
			Liver	nodule, 8, 9, 7, mm
			adipose	nodule, yellow, 4, 2, 4, mm, abdominal cavity
1329	DEAD	100-6	lung/branch	nodule, white, gray, 10, 7, 3, mm//congestion
			Liver	nodule, red, 10, mm, brown, pale, 10, mm
			adipose	nodule, yellow, 1, mm
1330	DEAD	90-6	lung/branch	nodule, white, 1, 2, mm, multiple
			gl stomach	thick
			Liver	nodule, red, dark, cyst, 18, 5, mm, a few
			semin ves	enlarged, white, slight, left
1331	SCHEDULED	105-1	gl stomach	thick
			Liver	red patch/zone, 2, 3, mm, multiple//nodule, brown, 13, 15, mm, lobe, right, anterior
1332	DEAD	90-3	lung/branch	nodule, white, 2, mm, multiple, bilateral
			Lymph node	enlarged, white, 3, mm, pancreas
			Liver	nodule, brown, pale, red, dark, 2, 13, mm, multiple, solid
			thoracic ca	hemorrhage, slight
1333	DEAD	60-6	spleen	enlarged, 6, 20, 6, mm

(): Comment

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

GROUP NAME : 8000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			liver	adhesion,diaphragm
			testis	adhesion,bilateral,scrotum
			abdominal c	ascites,hemorrhage,20,ml
1334	SCHEDULED	105-1	lymph node	enlarged,moderate,2,1,cm,mesenterium
			liver	nodule,2,7,mm,brown,lobe,median//red patch/zone
			adipose	nodule,yellow,3,mm,abdominal cavity
1335	SCHEDULED	105-1	liver	nodule,brown,pale,red,brown,10,8,mm//brown patch/zone,red,2,4,mm,a few
			prep/cli gl	nodule,yellow,4,mm,abscess,right
			adipose	nodule,yellow,2,mm,abdominal cavity
1336	SCHEDULED	105-1	lung/branch	nodule,white,gray,1,mm,4,3,mm
			liver	nodule,brown,pale,brown,red,7,9,8,mm//red patch/zone,4,mm,6,4,mm,a few
1337	SCHEDULED	105-1	subcutis	mass,red,9,13,4,mm,axilla
			lung/branch	nodule,white,gray,1,mm,lobe,middle
			lymph node	enlarged,slight,5,3,mm,multiple,pancreas,retroperitoneum
			spleen	nodule,brown,pale,7,5,mm
			liver	atrophic//red patch/zone,7,6,mm,scattering
			gall bladd	dilated
			prep/cli gl	nodule,yellow,abscess,5,mm,left
1338	SCHEDULED	105-1	liver	nodule,brown,pale,9,mm,8,mm,6,mm,a few//red patch/zone,2,5,4,mm,a few
1339	SCHEDULED	105-1	liver	nodule,brown,pale,brown,red,brown,13,11,mm,a few//red patch/zone,5,2,3,mm

():Comment

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

GROUP NAME : 8000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			gall bladd	dilated
			adrenal	enlarged,slight,4,3,mm,right,3,mm,left
			semin ves	enlarged,brown,dark,slight,right
			prep/cli gl	nodule,yellow,abscess,3,*,2,mm,right
1340	SCHEDULED	105-1	lung/branch	nodule,white,gray,1,mm,lobe,left
			lymph node	enlarged,marked,3,1,cm,pancreas,slight,retroperitoneum
			liver	nodule,brown,pale,17,14,mm,lobe,median//red patch/zone,3,mm
			adipose	nodule,yellow,2,mm,abdominal cavity
1341	SCHEDULED	105-1	liver	nodule,brown,gray,4,mm,lobe,median//red patch/zone,3,1,mm,multiple
1342	MORIBUND	68-7	lung/branch	nodule,transparent,2,mm
			gl stomach	thick
			liver	enlarged,moderate,red
			abdominal c	hemorrhage,moderate
1343	SCHEDULED	105-1	liver	green patch/zon,gray,6,4,mm,lobe,left//red patch/zone,3,mm//nodule,red,2,7,mm,a few
			gall bladd	dilated
			semin ves	enlarged,brown,slight,bilateral
1344	SCHEDULED	105-1	lymph node	enlarged,white,gray,3,2,1,cm,hemorrhage,mesenterium
			liver	nodule,3,5,mm,a few//red patch/zone,3,mm
1345	DEAD	91-4	subcutis	mass,red,soft,14,10,6,mm
			lung/branch	red patch/zone,multiple

():Comment

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

GROUP NAME : 8000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			spleen	enlarged,marked,28,11,mm,white
			liver	nodule,red,2,4,mm,multiple
1346	SCHEDULED	105-1	lymph node	enlarged,white,2,6,mm,multiple,mesenterium
			liver	red patch/zone,3,4,mm,multiple//nodule,4,mm,a few//enlarged,red,lobe,right,posterior
			pancreas	nodule,white,gray,3,mm,a few
1347	SCHEDULED	105-1	liver	nodule,white,4,mm,5,6,mm//red patch/zone,1,3,mm,a few
1348	MORIBUND	97-7	heart	red,bilateral,atrium
			liver	nodule,red,brown,yellow,8,2,mm,multiple
			semin ves	nodule,red,10,6,10,mm,coagulation gland,adhesion
			abdominal c	hemorrhage,slight
			thoracic ca	hemorrhage,slight
1349	SCHEDULED	105-1	liver	red patch/zone,multiple//nodule,24,17,13,mm
			semin ves	atrophic,left
1350	SCHEDULED	105-1	liver	nodule,brown,dark,brown,red,20,mm,5,mm,a few
			prep/cli gl	nodule,yellow,abscess,3,mm,left,4,mm,right
			adipose	nodule,yellow,2,mm,abdominal cavity
			other	nodule,black,6,4,3,mm,ear

():Comment

APPENDIX U4

GROSS FINDINGS (INDIVIDUAL)

MOUSE:FEMALE

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

GROUP NAME : Control

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

PAGE : 37

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2001	DEAD	91-7	spleen	enlarged,slight
			liver	nodule,brown,lobe, left,5,mm,lobe,median,caudal
			thoracic ca	pleural fluid,transparent,slight
2002	SCHEDULED	105-1	pituitary	nodule,brown,3,mm
			adipose	nodule,yellow,6,5,mm,abdominal cavity
2003	SCHEDULED	105-1	liver	nodule,brown,2,mm
			ovary	cyst,fluid,transparent,right,9,mm,fluid,brown,pale, left
			uterus	dilated lumen,slight,bilateral
2004	DEAD	55-1	subcutis	edema,slight
			lymph node	enlarged,mesenterium,retroperitoneum
			gl stomach	hemorrhage,patch
			liver	white,gray,brown,red,solid,reticular,white patch/zone,adhesion
			pancreas	nodule,brown,black,10,5,3,mm
			ovary	enlarged,brown,red,bilateral
			uterus	adhesion,large intestine,brown,pale,brown,black,25,20,15,mm
abdominal c	ascites,hemorrhage,slight			
2005	DEAD	99-3	lymph node	enlarged,slight,37,21,17,mm,mesenterium,retroperitoneum,mediastinum
			spleen	nodule,white,red,1,3,mm,multiple//enlarged,slight,30,9,mm
			abdominal c	ascites,turbid,slight
			thoracic ca	pleural fluid,turbid,slight

():Comment

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

GROUP NAME : Control

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2006	SCHEDULED	105-1	Liver	nodule,5,4,mm,lobe,median
2007	DEAD	89-4	subcutis	edema,slight
			Liver	enlarged//white patch/zone,multiple
			ovary	enlarged,brown,3,mm,right
			uterus	nodule,brown,yellow,27,10,8,mm
			abdominal c	hemorrhage,marked
			adipose	nodule,brown,3,mm,abdominal cavity
2008	SCHEDULED	105-1	ovary	cyst,fluid,red,5,mm,left
2009	SCHEDULED	105-1	lung/branch	edema,lobe,middle,lobe,anterior
			lymph node	enlarged,moderate,13,7,mm,neck,mediastinum,retroperitoneum,pancreas
			spleen	enlarged,moderate,35,12,8,mm
			forestomach	thick
			gall bladd	dilated
			ovary	cyst,fluid,transparent,7,5,mm,right
			2010	DEAD
			lymph node	enlarged,moderate,neck,axilla,mediastinum,pancreas,mesenterium,retroperitoneum,inguinal
			spleen	enlarged
			ovary	enlarged,5,mm,right,red
			uterus	nodule,white,1,mm
			abdominal c	ascites,hemorrhage,turbid,marked

():Comment

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

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2011	SCHEDULED	105-1	uterus	dilated lumen
2012	SCHEDULED	105-1	peritoneum	adhesion
2013	DEAD	102-4	subcutis	nodule,white,solid,12,14,7,mm
			lung/branch	red
			spleen	enlarged,37,12,mm,moderate
			liver	white patch/zone,multiple//enlarged,slight
			ovary	fluid,red,10,8,7,mm,left//enlarged,red,dark,solid,9,5,6,mm,right
			thoracic ca	pleural fluid,transparent,marked
2014	SCHEDULED	105-1		NON-REMARKABLE
2015	SCHEDULED	105-1	liver	nodule,brown,red,7,6,mm
			other	nodule,6,mm,tail
2016	SCHEDULED	105-1	liver	red patch/zone,single,2,1,mm
			pancreas	red patch/zone,9,7,mm
			pituitary	nodule,red,pale,3,mm
			uterus	nodule,12,15,10,mm,right
2017	SCHEDULED	105-1	lymph node	enlarged,35,20,15,mm//yellow patch/zone,20,14,mm
			liver	red patch/zone,single
			kidney	nodule,white,4,mm
			uterus	nodule,12,9,7,mm,right
2018	SCHEDULED	105-1		NON-REMARKABLE

():Comment

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

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2019	SCHEDULED	105-1	ovary	cyst,yellow,pale,3,5,3,mm,right
			abdominal c	ascites,hemorrhage,moderate
			thoracic ca	pleural fluid,hemorrhage,moderate
2020	SCHEDULED	105-1	spleen	nodule,white,gray,3,3,mm
			uterus	nodule,white,gray,10,3,2,mm
2021	SCHEDULED	105-1	adrenal	enlarged,2,3,2,mm,right
2022	SCHEDULED	105-1	lung/branch	red
			thymus	atrophic
			uterus	nodule,red,5,mm,right
			abdominal c	ascites,brown,moderate
			thoracic ca	hemorrhage,marked
2023	DEAD	99-4	subcutis	edema,slight
			lung/branch	edema
			lymph node	enlarged,slight,axilla,pancreas
			spleen	enlarged,slight
			pituitary	enlarged,4,2,4,mm,red
			abdominal c	hemorrhage,marked
			adipose	nodule,brown,yellow,3,1,3,mm
2024	DEAD	95-1	subcutis	edema,slight
			lung/branch	edema

():Comment

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

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
			spleen	black patch/zone
			peritoneum	nodular
			abdominal c	ascites,turbid,marked
			mesenterium	nodular
			thoracic ca	pleural fluid,transparent,slight
2025	SCHEDULED	105-1	lung/branch	nodule,1,mm,white,gray,labe,left
			liver	red patch/zone,2,mm,labe,median
			ovary	cyst,4,mm,fluid:transparent,right
2026	DEAD	90-5	liver	white patch/zone,multiple,reticular
			uterus	nodule,yellow,white,solid,20,12,20,mm
			abdominal c	ascites,hemorrhage,slight
			thoracic ca	pleural fluid,hemorrhage,slight
2027	DEAD	73-3	subcutis	edema,slight
			liver	enlarged,slight//nodule,brown,pale,9,8,3,mm//white patch/zone,2,3,mm,multiple
			kidney	enlarged,pale,bilateral
			urin bladd	urine:marked retention
			ovary	enlarged,brown,10,mm,right,8,mm,left
			uterus	nodule,brown,25,21,18,mm
2028	MORIBUND	70-4	subcutis	edema,slight
			liver	adhesion//white patch/zone,reticular,3,mm

():Comment

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

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			pituitary	nodule,transparent,1,mm
			ovary	enlarged,4,mm,red,left,brown,yellow,right
			uterus	nodule,solid,white,brown
			abdominal c	hemorrhage,marked
			whole body	anemic
2029	SCHEDULED	105-1	Liver	white patch/zone,3,2,mm,lobe,median
2030	SCHEDULED	105-1	Lymph node	enlarged,marked,mesenterium,slight,3,2,mm,white,gray,brown,red
2031	DEAD	100-3	lung/branch	red,dark
			gl stomach	thick
			uterus	dilated lumen
			thoracic ca	pleural fluid,brown,marked
2032	SCHEDULED	105-1		NON-REMARKABLE
2033	DEAD	98-4	subcutis	edema,slight
			Lymph node	enlarged,slight,pancreas,mesenterium,retroperitoneum
			spleen	enlarged,28,10,mm,slight
			Liver	nodule,white,5,mm
			kidney	enlarged,slight,bilateral
			ovary	enlarged,red,4,mm,right,7,mm,left,cyst
			uterus	nodule,white,gray,white,yellow,solid,40,20,10,mm
			Harder gl	nodule,white,6,5,mm, left

():Comment

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

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2034	DEAD	87-3	abdominal c	ascites,hemorrhage,marked
			adipose	nodule,yellow,4,2,mm
			thoracic ca	pleural fluid,hemorrhage,moderate
			subcutis	edema,slight
			liver	white patch/zone
			kidney	pale,bilateral
			uterus	nodule,brown,pale,solid,15,40,15,mm
2035	DEAD	86-4	abdominal c	hemorrhage,moderate
			subcutis	mass,red,white,abscess,20,22,24,mm
			spleen	enlarged,30,9,mm
2036	DEAD	78-5	gl stomach	ulcer,single
			gl stomach	thick
			liver	enlarged//granular//nodule,white,yellow,5,3,mm,a few
			urin bladd	urine:red,moderate
			ovary	enlarged,yellow,6,mm,left,bilateral
			uterus	nodule,white,solid
2037	SCHEDULED	105-1	abdominal c	hemorrhage,slight
				NON-REMARKABLE
2038	SCHEDULED	105-1	liver	brown patch/zone,brown,pale,brown,red,1,3,mm,multiple
			ovary	cyst,2,mm,fluid,red,left

():Comment

STUDY NO. : 0084
 ANIMAL : MOUSE BDF1
 REPORT TYPE : A1
 SEX : FEMALE

GROUP NAME : Control

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2039	MORIBUND	82-6	uterus	nodule,16,21,10,mm
			subcutis	edema,slight
			gl stomach	thick
			liver	enlarged//white patch/zone
			uterus	nodule,5,8,15,mm,solid
			abdominal c	ascites,hemorrhage,slight
2040	SCHEDULED	105-1	spleen	black patch/zone,5,3,mm
			liver	nodule,brown,4,mm
			pituitary	nodule,red,2,mm
			ovary	cyst,fluid,brown,3,mm,right,fluid,transparent,3,mm, left
			lung/branch	white patch/zone,1,mm
2041	MORIBUND	91-4	gl stomach	ulcer,1,2,mm,a few
			liver	nodule,yellow,1,mm,single
			gall bladd	dilated,black
			abdominal c	ascites,hemorrhage,turbid,severe
			whole body	anemic
			lung/branch	red
2042	DEAD	84-5	lymph node	red,axilla
			ovary	enlarged,red,5,*,6,*,3,mm,bilateral
			thoracic ca	pleural fluid,transparent,moderate

():Comment

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

GROUP NAME : Control

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2043	SCHEDULED	105-1		NON-REMARKABLE
2044	SCHEDULED	105-1	Lymph node	enlarged,4,mm,mediastinum,20,mm,white,gray,mesenterium
			spleen	enlarged,red,20,mm
			pancreas	nodule,white,gray,3,2,mm,a few
			kidney	enlarged,1,cm,solid,bilateral
2045	MORIBUND	75-7	jejunum	red
			liver	enlarged//white patch/zone,multiple
			uterus	nodule,yellow,white,solid,18,15,11,mm
2046	SCHEDULED	105-1	gall bladd	enlarged,yellow
2047	DEAD	98-7	spleen	enlarged,25,7,mm
2048	SCHEDULED	105-1		NON-REMARKABLE
2049	SCHEDULED	105-1	subcutis	edema,marked
			liver	enlarged//white patch/zone
			uterus	enlarged
2050	SCHEDULED	105-1	pancreas	red patch/zone,17,5,mm
			ovary	cyst,fluid,transparent,3,mm,right
			adipose	nodule,yellow,3,mm,abdominal cavity

():Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2101	MORIBUND	75-3	lung/branch	dark
			spleen	enlarged,41,12,8,mm//nodule,5,6,mm,brown
			ovary	fluid,transparent,3,mm
			abdominal c	ascites,yellow,3,mm
2102	SCHEDULED	105-1	uterus	dilated lumen,slight,bilateral
2103	DEAD	98-7	lung/branch	red
			liver	nodule,pale,2,mm,single
2104	SCHEDULED	105-1		NON-REMARKABLE
2105	SCHEDULED	105-1	liver	nodule,brown,red,4,mm,a few,9,mm
2106	SCHEDULED	105-1	liver	pale//red patch/zone,4,mm,lobe,median
			ovary	fluid:transparent,6,mm,Left
2107	MORIBUND	84-3	liver	enlarged//white patch/zone,multiple
			ovary	fluid,transparent,5,mm
2108	SCHEDULED	105-1	lung/branch	red patch/zone,7,5,mm,Left
			liver	nodule,brown,4,mm,lobe,median//red patch/zone,3,mm,lobe,right,posterior
			whole body	anemic
2109	DEAD	96-6	lung/branch	red
			liver	nodule,red,dark,2,5,mm
			ovary	fluid:transparent,3,mm
			thoracic ca	pleural fluid,hemorrhage,marked

():Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2110	SCHEDULED	105-1	lung/branch	white patch/zone,2,mm,lobe,posterior
			liver	nodule,brown,9,mm,lobe,median
			pituitary	nodule,red,2,mm
			ovary	cyst,fluid,transparent,2,mm,right
2111	SCHEDULED	105-1	lung/branch	nodule,white,3,mm,lobe,anterior,2,mm,lobe,left
			liver	nodule,brown,pale,brown,dark,15,mm,3,mm
			ovary	cyst,transparent,18,12,8,mm,left
2112	DEAD	85-2	lung/branch	red,a few
			spleen	enlarged,slight,30,10,5,mm
			small intes	fluid,black
			liver	enlarged//red patch/zone
			kidney	hemorrhage,patch,multiple,bilateral
2113	MORIBUND	78-6	lung/branch	red
			liver	deformed
			pancreas	nodule,white
			ovary	enlarged,white,gray,7,mm,right,9,mm,left
			uterus	nodule,white,gray,solid,12,29,mm
			mediastinum	mass,white,solid,soft
			abdominal c	ascites,turbid,moderate
thoracic ca	pleural fluid,turbid,11,ml			

():Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2114	SCHEDULED	105-1	liver	nodule,3,2,mm,2,mm,a few
			pituitary	nodule,red,2,1,mm
			ovary	cyst,fluid,transparent,9,8,7,mm, left
2115	DEAD	100-4	lymph node	enlarged,slight,neck,axilla,liver hilar region,pancreas,inguinal
			spleen	enlarged,slight
			liver	nodule,brown,6,mm,a few//white patch/zone,multiple,scattering
			urin bladd	red patch/zone,multiple,scattering
			ovary	fluid,transparent,10,mm,right,6,mm, left
			brain	black patch/zone,a few
			mediastinum	mass,white,10,6,mm
2116	SCHEDULED	105-1	liver	nodule,brown,red,5,2,mm,a few
2117	DEAD	96-7	subcutis	edema,slight
			lymph node	enlarged,slight,axilla,inguinal,mediastinum//red,right,inguinal
			liver	enlarged,slight//white patch/zone,scattering
			ovary	cyst,transparent,2,3,mm,bilateral
			muscle	nodule,solid,white,red,20,10,20,mm
			abdominal c	hemorrhage,slight
thoracic ca	pleural fluid,hemorrhage,2,ml			
2118	SCHEDULED	105-1	liver	nodule,brown,9,mm,7,mm,a few,lobe,median
2119	DEAD	103-7	liver	nodule,brown,white,2,6,mm,multiple

():Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			abdominal c	ascites,hemorrhage,turbid,moderate
			thoracic ca	pleural fluid,hemorrhage,marked
2120	SCHEDULED	105-1	Liver	nodule,3,mm,2,mm,a few//red patch/zone,single
			pituitary	enlarged,red,5,mm
2121	SCHEDULED	105-1	Liver	nodule,2,3,2,mm,lobe,median
			ovary	enlarged,red,15,*,10,mm,left
2122	DEAD	96-5	Lymph node	enlarged,moderate,mesenterium
			Liver	nodule,brown,red,1,7,mm,multiple
			abdominal c	ascites,brown,marked
2123	DEAD	75-3	Lymph node	enlarged,5,mm,axilla
			spleen	enlarged,30,10,7,mm,slight
			gl stomach	thick
			pancreas	nodule,white,solid,5,10,mm,a few
			other	hemorrhage,auricula
2124	SCHEDULED	105-1	Liver	red patch/zone,3,mm//nodule,brown,4,mm
			abdominal c	hemorrhage,slight
2125	SCHEDULED	105-1	Liver	nodule,brown,red,brown,2,6,mm,multiple//red patch/zone,3,mm,lobe,median
2126	SCHEDULED	105-1	Liver	nodule,brown,5,mm
			ovary	cyst,red,3,mm,right,brown,pale,2,mm,left
2127	MORIBUND	77-2	Liver	enlarged//white patch/zone,reticular//nodule,white,solid,soiled,5,10,mm,a few

():Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			urin bladd	urine:marked retention
			uterus	nodule,solid,white,gray//red patch/zone,10,5,10,mm
			abdominal c	hemorrhage,slight
2128	SCHEDULED	105-1	Liver	nodule,brown,5,mm,2,mm,a few,lobe,left
2129	SCHEDULED	105-1	lung/branch	red patch/zone,lobe,upper
			Liver	nodule,brown,3,mm,a few,lobe,median,lobe,right,anterior
			ovary	cyst,fluid:transparent,8,mm,right
			mediastinum	mass,20,15,mm,white,gray
2130	SCHEDULED	105-1	Liver	white patch/zone,gray,10,7,mm,lobe,left
2131	SCHEDULED	105-1	subcutis	mass,brown,red,white,gray,18,mm,solid,genital
			Liver	nodule,brown,pale,5,mm,brown,red,7,mm
2132	DEAD	85-5	Liver	enlarged//white patch/zone
			pituitary	enlarged,red,dark,6,*,7,mm
			uterus	nodular,white
			thoracic ca	pleural fluid,transparent,slight
2133	DEAD	97-6	lung/branch	red
			Lymph node	enlarged,slight,mesenterium,mediastinum,retroperitoneum,inguinal
			spleen	enlarged,25,8,mm,slight
			gl stomach	thick
			duodenum	dilated

():Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			kidney	dilated, right
			ovary	enlarged, red, solid, 3, mm, right, 5, mm, left
			abdominal c	ascites, transparent, white, yellow, moderate
			thoracic ca	pleural fluid, hemorrhage, marked
2134	MORIBUND	72-2	subcutis	edema
			liver	enlarged//white patch/zone, multiple//nodule, red, white, 10, mm
			ovary	enlarged, brown, pale, solid, bilateral, 10, mm
			uterus	nodule, white, solid, 15, 10, 7, mm
			abdominal c	ascites, hemorrhage, moderate
2135	SCHEDULED	105-1	liver	nodule, brown, red, brown, 6, mm, 2, mm, a few
			mediastinum	mass, brown, pale, 18, mm
2136	SCHEDULED	105-1	spleen	enlarged, moderate
			liver	deformed, 4, 3, mm, lobe, left
			kidney	hydronephrosis, 15, 10, mm, left
			ureter	dilated, left
2137	SCHEDULED	105-1	lymph node	enlarged, moderate, mesenterium
			liver	nodule, brown, red, 9, 6, 4, mm, a few
			uterus	nodular, yellow, 3, 3, mm, left
2138	SCHEDULED	105-1	lymph node	enlarged, moderate, mesenterium
			spleen	nodule, brown, pale, 3, mm, upper

(): Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			Liver	red patch/zone,2,3,mm,a few
2139	SCHEDULED	105-1	spleen	nodule,brown,3,mm,lower
			Liver	nodule,brown,3,mm,5,4,mm
			uterus	nodule,15,7,mm,Left
2140	SCHEDULED	105-1	Lymph node	enlarged,slight,12,mm,neck,mediastinum,retroperitoneum,inguinal
			spleen	enlarged,moderate//nodule,brown,pale,12,10,mm
			stomach	nodule,white,5,6,3,mm,serosa
			Liver	nodule,brown,13,9,mm//red patch/zone,2,mm,3,mm,a few//yellow patch/zone,3,2,mm,4,3,mm,a few
2141	SCHEDULED	105-1	ovary	cyst,fluid,transparent,4,mm,right
2142	DEAD	80-7	Lymph node	enlarged,slight,retroperitoneum
			Liver	white patch/zone//nodule,white,brown,11,mm,red,5,mm,a few
			pancreas	nodule,brown,13,15,4,mm
			kidney	pale,bilateral
			ovary	enlarged,white,gray,solid,7,mm
			uterus	nodule,yellow,solid,34,20,15,mm
			abdominal c	hemorrhage,3,ml
2143	SCHEDULED	105-1	Liver	nodule,red,2,mm,8,8,mm,multiple
2144	DEAD	98-4	Liver	nodule,brown,pale,2,4,mm,multiple
			gall bladd	dilated
			ovary	fluid:transparent,4,mm,Left

():Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			mediastinum	mass,white,12,5,mm
			thoracic ca	hemorrhage,marked
2145	MORIBUND	79-7	Liver	cyst,fluid,red,12,mm
			gall bladd	dilated,fluid,brown
			ovary	fluid,transparent,4,mm, left
			uterus	nodular,bilateral
2146	DEAD	91-2	subcutis	edema
			lung/branch	red,dark
			lymph node	enlarged,white,4,mm,neck,axilla
			spleen	enlarged,30,9,mm
			forestomach	ulcer,a few
			gl stomach	ulcer,a few
			Liver	nodule,red,dark,4,6,mm,a few
			ovary	fluid,transparent,4,mm
			mediastinum	mass,white,10,20,mm
			abdominal c	ascites,transparent,slight
			thoracic ca	pleural fluid,white,severe
2147	DEAD	102-6	heart	white patch/zone,atrium
			Liver	nodule,brown,4,3,4,mm
			pituitary	nodule,red,2,mm

():Comment

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

GROUP NAME : 500 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2148	SCHEDULED	105-1	mediastinum	mass,white,8,5,4,mm
			thoracic ca	pleural fluid,turbid,slight
			Lymph node	enlarged,slight,neck,mediastinum,marked,retroperitoneum
			spleen	enlarged,30,7,3,mm,moderate
			Liver	nodule,white,red,3,6,mm,multiple
2149	DEAD	97-7	abdominal c	hemorrhage,moderate
			subcutis	edema,moderate
			Lymph node	enlarged,slight,retroperitoneum,moderate,pancreas
			spleen	enlarged,25,8,3,mm
			Liver	nodule,red,6,4,mm,a few
			kidney	nodule,3,mm,right
			ovary	enlarged,yellow,solid,5,mm,right,10,mm,left
			uterus	nodule,white,yellow,solid,43,mm
2150	SCHEDULED	105-1	abdominal c	hemorrhage,moderate
			thoracic ca	pleural fluid,hemorrhage,moderate
			Liver	nodule,brown,10,7,mm,3,mm,lobe,median
			ovary	cyst,fluid,brown,pale,5,mm,left

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2201	DEAD	103-2	Lymph node	enlarged,red,slight,red,axilla,retroperitoneum,moderate,mesenterium
			Liver	nodule,red,1,5,mm,multiple,scattering
			ovary	cyst,transparent,2,mm,Left
			abdominal c	ascites,hemorrhage,marked
			whole body	anemic
2202	DEAD	56-7	spleen	enlarged//white patch/zone
			Liver	nodule,brown,4,mm
			uterus	nodule,5,mm
2203	SCHEDULED	105-1	Liver	red patch/zone,7,5,mm//nodule,brown,5,mm,2,mm,7,mm
			gall bladd	dilated
2204	DEAD	96-5	Lung/branch	red,dark//edema//red patch/zone,multiple
			Lymph node	enlarged,slight,retroperitoneum,mesenterium
			Liver	nodule,red,2,6,mm,a few
			pancreas	nodule,white,1,7,mm,multiple
			mediastinum	mass,red,3,mm
			abdominal c	ascites,brown,moderate
			thoracic ca	pleural fluid,brown,moderate
2205	SCHEDULED	105-1	Lung/branch	nodule,brown,1,5,mm,multiple
			Liver	nodule,brown,red,white,yellow,5,mm,10,mm//red patch/zone,6,3,mm,7,4,mm
			ovary	cyst,fluid:transparent,3,mm,Left

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2206	SCHEDULED	105-1	Lymph node	enlarged,7,5,mm,pancreas
			Liver	nodule,brown,red,3,mm//red patch/zone,4,mm,10,8,mm
			ovary	enlarged,fluid:black,22,*,14,mm,Left
			uterus	dilated lumen,Left
2207	MORIBUND	50-1		NON-REMARKABLE
2208	DEAD	92-4	subcutis	edema
			lung/branch	congestion
			spleen	enlarged,slight
			Liver	nodule,brown,red,5,mm,deformed,brown,3,mm
			ovary	cyst,3,mm,Left
			abdominal c	ascites,hemorrhage,turbid,marked
			thoracic ca	pleural fluid,hemorrhage,turbid,marked
2209	DEAD	94-1	lung/branch	red
			Liver	nodule,brown,yellow,red,5,10,mm
2210	DEAD	71-7	lung/branch	red
			Lymph node	enlarged
			st stomach	thick
			kidney	hydronephrosis,15,*,20,*,10,mm
			thoracic ca	pleural fluid,red,1,ml
			other	absence,auricula

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2211	MORIBUND	75-6	subcutis	mass,forelimb//edema,moderate//thick,25,30,20,mm
			lung/branch	red patch/zone,multiple
			lymph node	enlarged,moderate,axilla,inguinal
			spleen	enlarged,moderate,35,9,mm
			gl stomach	thick
			liver	red patch/zone,multiple
			ovary	enlarged,5,4,mm,bilateral
2212	DEAD	97-6	thoracic ca	pleural fluid,turbid,slight
			lung/branch	nodule,white,1,3,mm,a few,left//red,right
			liver	pale//nodule,brown,2,3,mm,a few
2213	SCHEDULED	105-1	other	mass,white,22,17,7,mm,solid,face
			lymph node	enlarged,white,gray,25,15,14,mm,mesenterium
			liver	nodule,brown,pale,9,8,3,mm,multiple
			pituitary	nodule,red,2,mm
			uterus	nodule,brown,yellow,8,8,7,mm,left
2214	SCHEDULED	105-1	abdominal c	ascites,turbid,marked
			lymph node	enlarged,moderate,mesenterium
			spleen	enlarged,slight
			liver	nodule,brown,red,12,8,5,mm,2,mm,multiple//red patch/zone
2215	DEAD	95-2	subcutis	mass,brown,solid,7,5,4,mm,axilla

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2216	DEAD	102-6	Liver	red patch/zone,multiple
			subcutis	mass,solid,white,axilla,brown,yellow,35,mm,inguinal
			lung/branch	nodule,white,1,mm,2,3,2,mm,a few//red patch/zone,a few
2217	DEAD	96-5	Liver	nodule,red,dark,2,9,mm,a few
			subcutis	edema
			lung/branch	nodule,white,2,mm,single,right
2218	SCHEDULED	105-1	Liver	nodule,brown,red,6,mm,multiple
			abdominal c	ascites,hemorrhage,white,marked
			thoracic ca	pleural fluid,hemorrhage,slight
			spleen	enlarged,slight
2219	SCHEDULED	105-1	Liver	nodule,5,9,5,mm,multiple
			gall bladd	dilated
			pancreas	nodule,white,8,7,mm
2220	DEAD	88-4	Liver	nodule,7,6,4,mm,multiple,lobe,right//red patch/zone,a few
			ovary	enlarged,left,red,7,mm
2221	SCHEDULED	105-1	lung/branch	red
			gl stomach	thick//fluid:black
			Liver	nodule,white,yellow,red,dark,lobe,left
2221	SCHEDULED	105-1	Liver	nodule,red,7,mm,brown,7,mm,3,mm,multiple//red patch/zone,10,5,mm,a few
			gall bladd	dilated

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2222	MORIBUND	93-3	ovary	cyst,fluid:brown,5,mm,right
			lung/branch	red patch/zone,1,mm,a few
			lymph node	enlarged,moderate,mesenterium
			spleen	enlarged,slight
			gl stomach	nodule,1,mm,multiple
			liver	nodule,red,6,1,mm,multiple
			urin bladd	dilated
			ovary	cyst,transparent,2,mm
			abdominal c	hemorrhage,slight
2223	DEAD	100-6	thoracic ca	pleural fluid,hemorrhage,slight
			liver	nodule,brown,6,10,mm,a few
			uterus	nodule,brown,28,20,21,mm
2224	DEAD	103-2	liver	nodule,brown,red,6,1,mm,a few
			pancreas	nodule,10,*,4,mm
			ovary	enlarged,brown,red,6,3,mm,right
			uterus	nodule,white,brown,red,solid,25,15,10,mm
			abdominal c	hemorrhage,slight
2225	DEAD	102-3	lymph node	enlarged,moderate,mediastinum,pancreas,retroperitoneum,mesenterium,neck
			spleen	enlarged,moderate,40,12,mm
			liver	nodule,brown,yellow,red,4,13,mm

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			adipose	brown,dark,3,4,2,mm,abdominal cavity
2226	SCHEDULED	105-1	Liver	nodule,brown,red,2,8,mm,multiple//red patch/zone,3,mm,5,3,mm,multiple
2227	MORIBUND	95-3	lung/branch	nodule,white,2,mm,single
			Lymph node	enlarged,slight,liver hilar region,pancreas,retroperitoneum,moderate,mesenterium
			spleen	enlarged,25,*,7,mm
			Liver	nodule,brown,2,10,mm,multiple//white patch/zone,scattering
			ovary	fluid,transparent,2,mm,right
			abdominal c	ascites,transparent,moderate
2228	DEAD	90-5	lung/branch	red
			Lymph node	enlarged,moderate,neck,axilla,slight,mediastinum,pancreas,inguinal
			forestomach	ulcer,single
			gl stomach	ulcer,single
			Liver	nodule,red,brown,2,5,mm,multiple
			mediastinum	mass,white,solid,soft
			thoracic ca	pleural fluid,transparent,slight
2229	DEAD	71-5	lung/branch	edema,slight
			spleen	enlarged,moderate,45,12,7,mm
2230	DEAD	99-6	lung/branch	edema
			Lymph node	enlarged,slight,neck,mediastinum,retroperitoneum
			spleen	enlarged,27,7,mm,slight

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			Liver	nodule,brown,yellow,red,3,14,mm
			ovary	cyst,transparent,4,mm,left
			thoracic ca	pleural fluid,hemorrhage,turbid,slight
2231	DEAD	73-5	Lung/branch	red,pale
			spleen	enlarged,slight
			Liver	red patch/zone,2,2,mm//nodule,6,mm
			abdominal c	ascites,hemorrhage,turbid,moderate
			thoracic ca	hemorrhage,moderate
2232	DEAD	47-5	Lung/branch	congestion,slight
2233	DEAD	96-5	Liver	nodule,brown,7,3,mm,a few,solid
			ovary	enlarged,red,dark,solid,9,5,9,mm,right
			abdominal c	hemorrhage,slight
2234	MORIBUND	93-6	Liver	nodule,brown,red,3,7,mm,multiple
			pituitary	enlarged,red,dark,7,mm
2235	DEAD	92-4	spleen	enlarged,slight
			Liver	nodule,10,3,mm,brown,red,brown,pale
			ovary	cyst,fluid,transparent,3,mm,right
			abdominal c	hemorrhage,moderate
			adipose	nodule,yellow,2,mm,abdominal cavity
2236	DEAD	97-1	Liver	nodule,red,yellow,15,mm//adhesion

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2237	SCHEDULED	105-1	Liver	nodule,brown,pale,brown,red,brown,3,11,mm//red patch/zone,4,mm
			pituitary	nodule,red,2,mm
2238	SCHEDULED	105-1	Liver	nodule,brown,2,10,6,mm,multiple//red patch/zone,lobe, left
			ovary	cyst,fluid:red,3,mm, left
2239	MORIBUND	83-2	Lung/branch	red patch/zone,1,mm,a few
			Lymph node	enlarged,slight,axilla,inguinal,neck,pancreas,retroperitoneum
			spleen	enlarged,moderate,70,10,5,mm
			ovary	enlarged,15,10,5,mm,right
			uterus	nodule,5,mm
			abdominal c	ascites,hemorrhage,slight
2240	DEAD	104-7	forestomach	ulcer,single
			Liver	nodule,yellow,red,2,5,mm,a few
			uterus	nodule,brown,yellow,red,solid,20,17,10,mm
2241	MORIBUND	70-7	subcutis	edema,moderate
			Lymph node	enlarged,yellow,5,8,mm,pancreas,retroperitoneum
			Liver	pale//nodule,6,13,14,mm
			ovary	enlarged,yellow,8,mm,right,4,mm, left
			uterus	nodule,yellow,22,11,25,mm,solid
			abdominal c	hemorrhage,moderate
2242	SCHEDULED	105-1	Liver	red patch/zone,4,mm//nodule,2,6,mm,red,multiple

():Comment

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

GROUP NAME : 2000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ_____	Findings_____
2243	DEAD	63-5	subcutis	edema,marked
			lung/branch	atelectasis
			spleen	enlarged,32,10,mm
			liver	swollen,white patch/zone,reticular
			kidney	anemic
			ovary	enlarged,slight,bilateral
			uterus	nodule,yellow,solid,17,18,mm
			abdominal c	hemorrhage
			thoracic ca	pleural fluid,transparent,slight
			2244	DEAD
liver	nodule,brown,5,mm,multiple			
2245	SCHEDULED	105-1	lung/branch	red patch/zone,1,5,mm
			lymph node	enlarged,marked,white,gray,brown,red,mesenterium,retroperitoneum
			spleen	enlarged,slight
2246	SCHEDULED	105-1	liver	nodule,3,6,mm,a few//red patch/zone,2,mm,multiple
			liver	nodule,brown,6,5,mm,a few//red patch/zone,3,7,5,mm,a few
2247	DEAD	85-6	subcutis	edema,slight
			lymph node	enlarged,2,mm,retroperitoneum
			spleen	enlarged,slight
			small intes	fluid,red,dark

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			large intes	fluid,red,dark
			Liver	nodule,solid,a few
			kidney	nodule,5,mm, left
			ovary	enlarged,3,mm,bilateral
			uterus	enlarged,10,20,10,mm
			abdominal c	hemorrhage,marked
2248	SCHEDULED	105-1	spleen	enlarged,slight
			Liver	nodule,brown,7,8,mm,multiple
			gall bladd	dilated
			ovary	cyst,fluid:transparent,3,mm, left
			abdominal c	ascites,turbid,slight
2249	SCHEDULED	105-1	Lymph node	enlarged,slight,retroperitoneum
			spleen	enlarged,slight,10,40,10,mm
			Liver	nodule,brown,4,12,mm,multiple//red patch/zone,multiple
			kidney	brown,pale,anemic,bilateral
			uterus	nodule,brown,yellow,37,*,18,mm
			abdominal c	hemorrhage,marked
2250	SCHEDULED	105-1	Lymph node	enlarged,10,8,mm,2,mm,a few,pancreas
			spleen	enlarged,slight
			sl stomach	ulcer

():Comment

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

GROUP NAME : 2000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			Liver	red patch/zone,3,mm,13,12,mm,multiple

():Comment

(HPT045)

BAIS2

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

GROUP NAME : 8000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2301	DEAD	99-2	liver	nodule,brown,6,9,mm,a few
2302	MORIBUND	84-2	liver	red patch/zone,multiple
			gall bladd	dilated
2303	MORIBUND	56-1	subcutis	edema,slight
			lymph node	enlarged,brown,pale,6,mm
			spleen	enlarged,slight
			liver	enlarged,white patch/zone,reticular//adhesion,inguinal
			uterus	enlarged,white,gray,15,30,15,mm,solid
2304	MORIBUND	80-2	lung/branch	red patch/zone,dark//nodule,red,dark,2,mm
			lymph node	enlarged,12,mm,axilla,4,mm,inguinal
			spleen	nodule,white,10,20,mm,solid
			liver	red patch/zone//nodule,10,13,6,mm,single
			uterus	nodule,7,mm,brown,yellow,solid
2305	DEAD	80-1	duodenum	fluid,hemorrhage
			ileum	fluid,hemorrhage
			liver	nodule,red,dark,2,5,mm,solid
			gall bladd	dilated
			ovary	fluid,transparent,1,mm,left
2306	DEAD	100-7	subcutis	mass,white,gray,13,12,8,mm,dorsal
			lung/branch	edema

():Comment

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

GROUP NAME : 8000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			Liver	red patch/zone,multiple//nodule,brown,4,6,mm,multiple
			pancreas	nodule,white,gray,soft,13,mm
			abdominal c	ascites,turbid,slight
			thoracic ca	pleural fluid,hemorrhage,marked
2307	DEAD	90-5	Lung/branch	red patch/zone,a few
			forestomach	red patch/zone,single
			gl stomach	red patch/zone,a few
			Liver	nodule,red,brown,pale,8,2,mm,multiple
			abdominal c	hemorrhage,moderate
2308	DEAD	85-7	Lung/branch	red patch/zone,single
			forestomach	nodule,2,mm
			Liver	nodule,cyst,red,dark
			uterus	nodule,white,yellow,solid,12,8,mm
2309	DEAD	86-7	Liver	nodule,white,gray,1,5,mm,multiple
			kidney	black patch/zone,single,right
2310	DEAD	80-6	subcutis	mass,white,22,18,15,mm,solid
			Lung/branch	red patch/zone,1,mm,right
			Lymph node	enlarged,4,11,4,mm,pancreas
			ileum	nodule,white,5,7,5,mm
			Liver	nodule,brown,a few

():Comment

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

GROUP NAME : 8000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2311	DEAD	61-4	Liver	nodule,red,deformed,11,10,mm//red patch/zone,a few
			abdominal c	hemorrhage,2,ml
2312	DEAD	98-3	Liver	pale//red patch/zone,multiple
2313	DEAD	91-4	Lung/branch	red patch/zone,dark,multiple
			Lymph node	enlarged,slight,pancreas
			spleen	enlarged,slight
			Liver	nodule,red,2,10,mm,multiple
abdominal c	hemorrhage,slight			
2314	DEAD	78-7	Lung/branch	red,dark
			Liver	red patch/zone,multiple
2315	DEAD	97-5	Lung/branch	nodule,red,1,2,mm,a few
			Lymph node	enlarged,slight,inguinal
			Liver	red patch/zone,multiple
			thoracic ca	pleural fluid,hemorrhage,marked
2316	DEAD	91-5	st stomach	fluid,black
			Liver	nodule,red,brown,1,12,8,7,mm,a few
2317	DEAD	87-2	Lung/branch	red patch/zone,1,mm,a few
			Liver	nodule,brown,3,15,mm,multiple
2318	DEAD	80-6	Lung/branch	nodule,white,1,mm,multiple,scattering//red
			st stomach	fluid,brown//thick

():Comment

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

GROUP NAME : 8000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2319	DEAD	81-7	Liver	nodule,solid,red,dark,5,25,mm,a few
			pituitary	white patch/zone,1,mm,single
			lung/branch	red patch/zone
			gl stomach	fluid,black
			liver	red patch/zone,a few
			gall bladd	dilated
			pituitary	enlarged,red,7,8,4,mm
2320	MORIBUND	61-4	brain	white,focal
			lymph node	enlarged,yellow,slight
			spleen	enlarged,31,10,mm
			liver	white patch/zone
			ovary	enlarged,5,4,mm,yellow
			uterus	nodule,solid,white,yellow,15,22,mm
			abdominal c	hemorrhage,slight
2321	DEAD	95-4	other	hemorrhage,genital
			skin/app	nodule,brown,pale,2,mm,nose
			lung/branch	red patch/zone,1,mm,a few
			liver	red patch/zone,multiple//nodule,red,5,12,mm,a few,cyst
2322	DEAD	58-7	subcutis	jaundice,moderate

():Comment

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

GROUP NAME : 8000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			lung/branch	hemorrhage
			liver	enlarged//nodule,5,mm,brown//white patch/zone,granular
2323	DEAD	101-3	gl stomach	hemorrhage,scattering
			liver	nodule,5,7,mm,multiple
2324	DEAD	95-2	gl stomach	fluid,black
			small intes	fluid,red
			liver	red patch/zone,multiple
			whole body	fatty
2325	DEAD	73-3	stomach	nodule,white,1,mm
			liver	nodule,brown,2,8,mm,multiple
			ovary	enlarged,red,solid,10,mm, left
			abdominal c	hemorrhage,1,ml
2326	SCHEDULED	105-1	salivary gl	atrophic
			liver	nodule,brown,red,brown,pale,10,mm,2,mm,multiple//red patch/zone,multiple
			gall bladd	dilated,moderate
2327	DEAD	74-7	gl stomach	red patch/zone,multiple,scattering
			liver	nodule,yellow,5,mm,adhesion
2328	MORIBUND	47-6	lymph node	enlarged,moderate,neck,axilla
			spleen	enlarged,slight
			gl stomach	erosion

():Comment

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

GROUP NAME : 8000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			stomach	fluid,red,dark
2329	DEAD	86-3	lung/branch	red patch/zone,dark,a few
			liver	red patch/zone,multiple
			thoracic ca	hemorrhage,slight
2330	DEAD	67-6	subcutis	mass,white,solid,15,mm,lower jaw
			lung/branch	congestion
			gl stomach	thick//fluid,black
			other	swollen,eye lid
			whole body	wasting
2331	MORIBUND	96-1	liver	nodule,5,10,mm,multiple
			ovary	red,dark
2332	DEAD	84-5	liver	red patch/zone
2333	DEAD	95-7	lymph node	enlarged,slight,3,mm,retroperitoneum
			liver	nodule,brown,pale,red,2,mm,8,6,mm,multiple
2334	DEAD	75-7	nasal cavit	fluid,red
			small intes	fluid,black
			liver	red patch/zone,2,mm,multiple//nodule,red,2,5,mm,multiple
			ovary	black,left
2335	DEAD	95-3	lung/branch	red patch/zone
			liver	nodule,brown,yellow,4,mm,11,mm,a few

():Comment

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

GROUP NAME : 8000 ppm

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
2336	DEAD	70-6	uterus	nodule,brown,yellow,solid,10,6,mm
			abdominal c	ascites,hemorrhage,marked
			subcutis	edema,slight
			lung/branch	congestion
			liver	red patch/zone//white patch/zone
2337	DEAD	97-3	thoracic ca	pleural fluid,turbid,moderate
			lymph node	enlarged,slight,neck
			liver	nodule,red,white,gray,5,3,mm,a few
2338	DEAD	90-4	other	mass,10,mm,face
			spleen	deformed
			forestomach	nodule,white,3,mm
2339	DEAD	90-1	liver	nodule,red,dark,8,3,mm,multiple
			uterus	nodule,red,dark,10,8,mm
			liver	white patch/zone,multiple
2340	DEAD	83-7	lung/branch	red patch/zone
			liver	nodule,red,dark,6,4,3,2,mm,a few
2341	MORIBUND	69-7	liver	white patch/zone,multiple//nodule,white,yellow,3,5,mm
			pancreas	nodule,brown,yellow,13,14,5,mm
			ovary	enlarged,brown,yellow,6,3,6,mm, left
			uterus	enlarged,white,yellow,solid,right

():Comment

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

GROUP NAME : 8000 ppm

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

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Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			abdominal c	hemorrhage, marked
2342	SCHEDULED	105-1	lung/branch	red//white patch/zone, 2, mm, single, lobe, left
			liver	nodule, brown, red, 3, 10, mm, multiple//adhesion, lobe, median, lobe, left
			uterus	nodule, brown, yellow, solid, 10, *, 5, mm
			thoracic ca	hemorrhage, moderate
2343	SCHEDULED	105-1	thymus	atrophic
			small intes	blue, dark
			large intes	blue, dark
			liver	red patch/zone, 1, 2, mm, a few//nodule, red, 4, mm
			uterus	atrophic
2344	SCHEDULED	105-1	liver	red patch/zone, 1, 3, mm, multiple//nodule, red, 4, mm
			gall bladd	dilated
			uterus	atrophic
2345	DEAD	83-5	liver	red patch/zone, multiple
2346	SCHEDULED	105-1	lung/branch	nodule, white, 1, mm
			lymph node	enlarged, retroperitoneum
			liver	nodule, red, 2, 4, mm, multiple//red, lobe, right, posterior
			uterus	atrophic
			abdominal c	ascites, hemorrhage, moderate
2347	MORIBUND	32-1	urin bladd	urine: black

(): Comment

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

Animal ID-NO.	Death Information	Time of Examination Week-Day	Organ	Findings
			ovary	mass,red,solid,23,17,22,mm
2348	MORIBUND	68-7	subcutis	mass,solid,white,gray,20,15,5,mm
			lymph node	enlarged,5,mm,neck
			gl stomach	fluid,black
			stomach	fluid,black
			small intes	fluid:black
			cecum	fluid,black
			liver	nodule,brown,pale,5,mm
2349	DEAD	84-3	liver	red patch/zone,multiple
			ovary	fluid,transparent,3,mm
2350	MORIBUND	62-2	lung/branch	red patch/zone
			liver	nodule,3,5,mm,brown,solid
			abdominal c	hemorrhage,moderate

():Comment