Final 2_HSD Rats

NTP Study Number:	C10188B
Lock Date:	04/01/2015
Cage Range:	ALL
Date Range:	ALL
Reasons For Removal:	ALL
Removal Date Range:	ALL
Treatment Groups:	Include ALL
Study Gender:	Both
TDMSE Version:	3.0.2.3_002
PWG Approval Date:	NONE

HARLAN SPRAGUE DAWLEY RATS MALE 0 ppm Male																										
DAY ON TEST	0734	0734	0734	0734	0733	0488	0733	0733	0733	0697	0735	0735	0736	0446	0726	0556	0653	0736	0663	0625	0691	0734	0271	0736	0735	males (cont...)
ANIMAL ID	0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022	0023	0024	0025	
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma										X																
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Intestine Small, Jejunum										X																
Hemangioma													X													
Lymphoma Malignant																X										
Mesentery																	+									
Mesothelioma Malignant																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																X										
Mesothelioma Malignant																										
Acinus, Adenoma								X																		

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	0734	0734	0734	0734	0733	0488	0733	0733	0733	0697	0735	0735	0736	0446	0726	0556	0653	0736	0663	0625	0691	0734	0271	0736	0735
ANIMAL ID	00001	00002	00003	00004	00005	00006	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																X									
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Schwannoma Malignant																					X				
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																									X
Mesothelioma Malignant																									
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																					X				
Pheochromocytoma Malignant																									
Bilateral, Pheochromocytoma Benign																	X								
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Adenoma			X						X																
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	M	+

males (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	0734	0734	0734	0734	0733	0488	0733	0733	0733	0697	0735	0735	0736	0446	0726	0556	0653	0736	0663	0625	0691	0734	0271	0736	0735
ANIMAL ID	00001	00002	00003	00004	00005	00006	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma							X											X							
Pars Intermedia, Adenoma		X																							
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																X									
Bilateral, C-cell, Adenoma													X												
C-cell, Adenoma	X				X			X		X														X	
C-cell, Carcinoma		X						X																	
GENERAL BODY SYSTEM																									
Peritoneum																									
Mesothelioma Malignant																									
GENITAL SYSTEM																									
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesothelioma Malignant								X																	
Preputial Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma																									
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																									
Lymphoma Malignant																X									
Mesothelioma Malignant																									
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesothelioma Malignant																									

males (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	0734	0734	0734	0734	0733	0488	0733	0733	0733	0697	0735	0735	0736	0446	0726	0556	0653	0736	0663	0625	0691	0734	0271	0736	0735	males (cont...)
ANIMAL ID	00001	00002	00003	00004	00005	00006	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025	
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Mesothelioma Malignant								X																		
Bilateral, Interstitial Cell, Adenoma																									X	
Interstitial Cell, Adenoma					X				X													X				
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node																+										
Lumbar, Lymphoma Malignant																X										
Mediastinal, Lymphoma Malignant																X										
Pancreatic, Lymphoma Malignant																X										
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																X										
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Intestine Small, Jejunum										X																
Lymphoma Malignant																X										
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																X										
Thymus	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant		X														X										
INTEGUMENTARY SYSTEM																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	0734	0734	0734	0734	0733	0488	0733	0733	0733	0697	0735	0735	0736	0446	0726	0556	0653	0736	0663	0625	0691	0734	0271	0736	0735
ANIMAL ID	00001	00002	00003	00004	00005	00006	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																X									
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Keratoacanthoma																						X			
Subcutaneous Tissue, Fibroma						X		X														X			
Subcutaneous Tissue, Lipoma									X												X				
MUSCULOSKELETAL SYSTEM																									
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Glioma Malignant											X						X		X						
Granular Cell Tumor Benign			X					X																	
Peripheral Nerve																									
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																X									
Pheochromocytoma Malignant, Metastatic, Adrenal Medulla																									
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

males (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 0 ppm Male																									
DAY ON TEST	0734	0734	0734	0734	0733	0488	0733	0733	0733	0697	0735	0735	0736	0446	0726	0556	0653	0736	0663	0625	0691	0734	0271	0736	0735
ANIMAL ID	00001	00002	00003	00004	00005	00006	00007	00008	00009	00010	00011	00012	00013	00014	00015	00016	00017	00018	00019	00020	00021	00022	00023	00024	00025
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																X									
Urothelium, Polyp Adenomatous																									
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesothelioma Malignant																									
SYSTEMIC LESIONS																									
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant		X														X									
Mesothelioma Malignant								X																	

males (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	0735	0733	0733	0736	0736	0735	0689	0497	0733	0734	0734	0612	0398	0733	0564	0736	0736	0736	0632	0465	0638	0735	0735	0734	0734	
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenocarcinoma																										**1**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Intestine Small, Jejunum																										**1**
Hemangioma																										**1**
Lymphoma Malignant																										**1**
Mesentery			+																							**2**
Mesothelioma Malignant			X																							**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Lymphoma Malignant																										**1**
Mesothelioma Malignant			X																							**1**
Acinus, Adenoma																										**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	0735	0733	0733	0736	0736	0735	0689	0497	0733	0734	0734	0612	0398	0733	0564	0736	0736	0736	0632	0465	0638	0735	0735	0734	0734	
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Schwannoma Malignant					X													X								**3**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma																										**1**
Mesothelioma Malignant			X																							**1**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pheochromocytoma Benign						X					X															**3**
Pheochromocytoma Malignant			X																							**1**
Bilateral, Pheochromocytoma Benign																										**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenoma				X																						**3**
Parathyroid Gland	+	+	+	+	+	M	+	+	+	+	+	M	+	+	M	+	+	+	+	M	+	+	+	+	+	**43**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	0735	0733	0733	0736	0736	0735	0689	0497	0733	0734	0734	0612	0398	0733	0564	0736	0736	0736	0632	0465	0638	0735	0735	0734	0734	
ANIMAL ID	00026	00027	00028	00029	00030	00031	00032	00033	00034	00035	00036	00037	00038	00039	00040	00041	00042	00043	00044	00045	00046	00047	00048	00049	00050	* TOTALS
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Adenoma							X																			**3**
Pars Intermedia, Adenoma																										**1**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
Bilateral, C-cell, Adenoma																										**1**
C-cell, Adenoma			X		X	X			X	X	X							X								**12**
C-cell, Carcinoma																										**2**
GENERAL BODY SYSTEM																										
Peritoneum			+																							**1**
Mesothelioma Malignant			X																							**1**
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mesothelioma Malignant			X																							**2**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Carcinoma		X																								**1**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma			X																							**1**
Lymphoma Malignant																										**1**
Mesothelioma Malignant			X																							**1**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mesothelioma Malignant			X																							**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	735	733	733	736	736	735	689	497	733	734	734	612	398	733	564	736	736	736	632	465	638	735	735	734	734	
ANIMAL ID	026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	043	044	045	046	047	048	049	050	* TOTALS
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mesothelioma Malignant			X																							**2**
Bilateral, Interstitial Cell, Adenoma																										**1**
Interstitial Cell, Adenoma														X				X	X							**6**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node																										**1**
Lumbar, Lymphoma Malignant																										**1**
Mediastinal, Lymphoma Malignant																										**1**
Pancreatic, Lymphoma Malignant																										**1**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Lymphoma Malignant																										**1**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenocarcinoma, Metastatic, Intestine Small, Jejunum																										**1**
Lymphoma Malignant																										**1**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Lymphoma Malignant																										**2**
INTEGUMENTARY SYSTEM																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	0735	0733	0733	0736	0736	0735	0689	0497	0733	0734	0734	0612	0398	0733	0564	0736	0736	0736	0632	0465	0638	0735	0735	0734	0734	
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	*** TOTALS**
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Keratoacanthoma																										**1**
Subcutaneous Tissue, Fibroma																										**3**
Subcutaneous Tissue, Lipoma														X												**3**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Glioma Malignant																				X						**4**
Granular Cell Tumor Benign									X																	**3**
Peripheral Nerve													+													**1**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
Pheochromocytoma Malignant, Metastatic, Adrenal Medulla			X																							**1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	0735	0733	0733	0736	0736	0735	0689	0497	0733	0734	0734	0612	0398	0733	0564	0736	0736	0736	0632	0465	0638	0735	0735	0734	0734	
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
Urothelium, Polyp Adenomatous									X																	**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mesothelioma Malignant			X																							**1**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**2**
Mesothelioma Malignant			X																							**2**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

DAY ON TEST	0734	0734	0736	0733	0735	0735	0287	0736	0735	0735	0653	0579	0736	0736	0736	0556	0734	0734	0653	0735	0734	0734	0733	0733	0709	
HARLAN SPRAGUE DAWLEY RATS MALE **300 ppm Male** ANIMAL ID	00051	00052	00053	00054	00055	00056	00057	00058	00059	00060	00061	00062	00063	00064	00065	00066	00067	00068	00069	00070	00071	00072	00073	00074	00075	**males (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hepatocellular Adenoma																										
Leukemia Mononuclear																			X							
Mesentery																		+								
Carcinoma, Metastatic, Pancreas																										
Oral Mucosa																										
Sebaceous Gland, Adenoma																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																			X							
Acinus, Adenoma								X																		
Acinus, Adenoma, Multiple			X																							

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 300 ppm Male																										
DAY ON TEST	0734	0734	0736	0733	0735	0735	0287	0736	0735	0735	0653	0579	0736	0736	0736	0556	0734	0734	0653	0735	0734	0734	0733	0733	0709	
ANIMAL ID	00051	00052	00053	00054	00055	00056	00057	00058	00059	00060	00061	00062	00063	00064	00065	00066	00067	00068	00069	00070	00071	00072	00073	00074	00075	males (cont...)
Acinus, Carcinoma																										
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Tooth	+																									
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Schwannoma Malignant																							X			
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma																										
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pheochromocytoma Benign	X							X																	X	
Bilateral, Pheochromocytoma Benign																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma			X																							
Adenoma, Multiple																					X					
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	M	+	+	M	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 300 ppm Male																										males (cont...)
DAY ON TEST	0734	0734	0736	0733	0735	0735	0287	0736	0735	0735	0653	0579	0736	0736	0736	0556	0734	0734	0653	0735	0734	0734	0733	0733	0709	
ANIMAL ID	00051	00052	00053	00054	00055	00056	00057	00058	00059	00060	00061	00062	00063	00064	00065	00066	00067	00068	00069	00070	00071	00072	00073	00074	00075	
Adenoma				X																						
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Meningioma Malignant, Metastatic, Brain																										
Pars Distalis, Adenoma				X							X			X		X		X		X						
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bilateral, C-cell, Adenoma																										
Bilateral, C-cell, Carcinoma																										
C-cell, Adenoma	X	X			X									X			X	X			X					
C-cell, Carcinoma	X		X						X	X								X								
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Pancreas																										
Mesothelioma Malignant																										
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Squamous Cell Carcinoma																									X	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma																								X		
Carcinoma, Metastatic, Pancreas																										
Leukemia Mononuclear																			X							

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 300 ppm Male																										
DAY ON TEST	0734	0734	0736	0733	0735	0735	0287	0736	0735	0735	0653	0579	0736	0736	0736	0556	0734	0734	0653	0735	0734	0734	0733	0733	0709	
ANIMAL ID	00051	00052	00053	00054	00055	00056	00057	00058	00059	00060	00061	00062	00063	00064	00065	00066	00067	00068	00069	00070	00071	00072	00073	00074	00075	males (cont...)
Mesothelioma Malignant, Metastatic, Epididymis																										
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Pancreas																										
Mesothelioma Malignant, Metastatic, Epididymis																										
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Pancreas																										
Mesothelioma Malignant																										
Interstitial Cell, Adenoma			X										X													
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																			X							
Lymph Node																			+							
Lumbar, Lymphoma Malignant																			X							
Mediastinal, Carcinoma, Metastatic, Pancreas																										
Mediastinal, Lymphoma Malignant																			X							
Popliteal, Lymphoma Malignant																			X							
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																			X							
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																			X							
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 300 ppm Male																										
DAY ON TEST	0734	0734	0736	0733	0735	0735	0287	0736	0735	0735	0653	0579	0736	0736	0736	0556	0734	0734	0653	0735	0734	0734	0733	0733	0709	
ANIMAL ID	00051	00052	00053	00054	00055	00056	00057	00058	00059	00060	00061	00062	00063	00064	00065	00066	00067	00068	00069	00070	00071	00072	00073	00074	00075	males (cont...)
Leukemia Mononuclear																			X							
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	
Thymoma Malignant																						X				
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibroadenoma																										
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Neural Crest Tumor																					X					
Trichoepithelioma	X																									
Sebaceous Gland, Adenoma								X																		
Subcutaneous Tissue, Fibroma						X																				
Subcutaneous Tissue, Fibrosarcoma																									X	
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle																										
Carcinoma, Metastatic, Pancreas																										
Mesothelioma Malignant, Metastatic, Epididymis																										
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Glioma Malignant																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 300 ppm Male																										
DAY ON TEST	0734	0734	0736	0733	0735	0735	0287	0736	0735	0735	0653	0579	0736	0736	0736	0556	0734	0734	0653	0735	0734	0734	0733	0733	0709	
ANIMAL ID	00051	00052	00053	00054	00055	00056	00057	00058	00059	00060	00061	00062	00063	00064	00065	00066	00067	00068	00069	00070	00071	00072	00073	00074	00075	males (cont...)
Meningioma Malignant																										
Nerve Trigeminal										+																
Peripheral Nerve										+																
Spinal Cord										+																
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Pancreas																										
Leukemia Mononuclear																			X							
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																			X							
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																			X							
Ureter											+															

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

300 ppm Male

DAY ON TEST	734	734	736	733	735	735	287	736	735	735	653	579	736	736	736	556	734	734	653	735	734	734	733	733	709	
ANIMAL ID	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	0071	0072	0073	0074	0075	males (cont...)
Urethra																					+					
Adenocarcinoma																					X					
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Pancreas																										
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																			X							
Lymphoma Malignant																			X							
Mesothelioma Malignant																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

300 ppm Male

DAY ON TEST	735	734	734	735	635	735	676	654	257	602	733	736	736	733	733	723	735	733	733	615	732	709	734	671	736	
ANIMAL ID	0076	0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	0100	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hepatocellular Adenoma	X												X													**2**
Leukemia Mononuclear																										**1**
Mesentery			+											+				+			+					**5**
Carcinoma, Metastatic, Pancreas																					X					**1**
Oral Mucosa				+																						**1**
Sebaceous Gland, Adenoma				X																						**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Acinus, Adenoma																				X			X			**3**
Acinus, Adenoma, Multiple																										**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 300 ppm Male																										
DAY ON TEST	0735	0734	0734	0735	0635	0735	0676	0654	0257	0602	0733	0736	0736	0733	0733	0723	0735	0733	0733	0615	0732	0709	0734	0671	0736	
ANIMAL ID	00076	00077	00078	00079	00080	00081	00082	00083	00084	00085	00086	00087	00088	00089	00090	00091	00092	00093	00094	00095	00096	00097	00098	00099	00100	* TOTALS
Acinus, Carcinoma																					X					**1**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Tooth																										**1**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Schwannoma Malignant																										**1**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenoma			X								X															**2**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pheochromocytoma Benign	X					X					X													X		**7**
Bilateral, Pheochromocytoma Benign																							X			**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma								X																		**2**
Adenoma, Multiple																										**1**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	**43**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

300 ppm Male

DAY ON TEST	0735	0734	0734	0735	0635	0735	0676	0654	0257	0602	0733	0736	0736	0733	0733	0723	0735	0733	0733	0615	0732	0709	0734	0671	0736	
ANIMAL ID	00076	00077	00078	00079	00080	00081	00082	00083	00084	00085	00086	00087	00088	00089	00090	00091	00092	00093	00094	00095	00096	00097	00098	00099	00100	* TOTALS
Adenoma																										**1**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Meningioma Malignant, Metastatic, Brain					X																					**1**
Pars Distalis, Adenoma						X																				**7**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Bilateral, C-cell, Adenoma	X																									**1**
Bilateral, C-cell, Carcinoma					X																					**1**
C-cell, Adenoma																									X	**8**
C-cell, Carcinoma																X										**6**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Carcinoma, Metastatic, Pancreas																					X					**1**
Mesothelioma Malignant																				X	X					**2**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Squamous Cell Carcinoma				X																						**2**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma																										**1**
Carcinoma, Metastatic, Pancreas																					X					**1**
Leukemia Mononuclear																										**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

300 ppm Male

DAY ON TEST	735	734	734	735	635	735	676	654	257	602	733	736	736	733	733	723	735	733	733	615	732	709	734	671	736	
ANIMAL ID	0076	0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	0100	* TOTALS
Mesothelioma Malignant, Metastatic, Epididymis																					X					**1**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Carcinoma, Metastatic, Pancreas																					X					**1**
Mesothelioma Malignant, Metastatic, Epididymis																					X					**1**
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Carcinoma, Metastatic, Pancreas																					X					**1**
Mesothelioma Malignant	X																			X	X					**3**
Interstitial Cell, Adenoma																		X								**3**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymph Node																					+					**2**
Lumbar, Lymphoma Malignant																										**1**
Mediastinal, Carcinoma, Metastatic, Pancreas																					X					**1**
Mediastinal, Lymphoma Malignant																										**1**
Popliteal, Lymphoma Malignant																										**1**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

300 ppm Male

DAY ON TEST	0735	0734	0734	0735	0635	0735	0676	0654	0257	0602	0733	0736	0736	0733	0733	0723	0735	0733	0733	0615	0732	0709	0734	0671	0736	
ANIMAL ID	00076	00077	00078	00079	00080	00081	00082	00083	00084	00085	00086	00087	00088	00089	00090	00091	00092	00093	00094	00095	00096	00097	00098	00099	00100	* TOTALS
Leukemia Mononuclear																										**1**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	**47**
Thymoma Malignant																										**1**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibroadenoma																X										**1**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Neural Crest Tumor																										**1**
Trichoepithelioma																										**1**
Sebaceous Gland, Adenoma																										**1**
Subcutaneous Tissue, Fibroma																						X		X		**3**
Subcutaneous Tissue, Fibrosarcoma																										**1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skeletal Muscle																					+					**1**
Carcinoma, Metastatic, Pancreas																					X					**1**
Mesothelioma Malignant, Metastatic, Epididymis																					X					**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Glioma Malignant									X								X									**2**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

300 ppm Male

DAY ON TEST	735	734	734	735	635	735	676	654	257	602	733	736	736	733	733	723	735	733	733	615	732	709	734	671	736	
ANIMAL ID	0076	0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	0100	* TOTALS
Meningioma Malignant					X																					**1**
Nerve Trigeminal																										**1**
Peripheral Nerve																										**1**
Spinal Cord																										**1**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Carcinoma, Metastatic, Pancreas																					X					**1**
Leukemia Mononuclear																										**1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Ureter																										**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

300 ppm Male

DAY ON TEST	735	734	734	735	635	735	676	654	257	602	733	736	736	733	733	723	735	733	733	615	732	709	734	671	736	
ANIMAL ID	0076	0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	0100	*** TOTALS**
Urethra																										**1**
Adenocarcinoma																										**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Carcinoma, Metastatic, Pancreas																					X					**1**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**
Mesothelioma Malignant	X																			X	X					**3**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 1000 ppm Male																										
DAY ON TEST	0736	0736	0734	0734	0735	0735	0332	0658	0685	0662	0734	0734	0669	0736	0733	0733	0735	0735	0734	0734	0735	0735	0735	0735	0735	males (cont...)
ANIMAL ID	0010 1	0010 2	0010 3	0010 4	0010 5	0010 6	0010 7	0010 8	0010 9	0011 0	0011 1	0011 2	0011 3	0011 4	0011 5	0011 6	0011 7	0011 8	0011 9	0012 0	0012 1	0012 2	0012 3	0012 4	0012 5	
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																							X			
Mesentery																							+			
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acinus, Adenoma				X					X				X													
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrosarcoma	X																									
Sarcoma								X																		
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

1000 ppm Male

DAY ON TEST	736	736	734	734	735	735	332	658	685	662	734	734	669	736	733	733	735	735	734	734	735	735	735	735	735
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear																							X		
Schwannoma Malignant																									
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma				X																					
Leukemia Mononuclear																							X		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign														X											
Pheochromocytoma Malignant																									
Bilateral, Pheochromocytoma Benign																		X							
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma	X							X												X					
Parathyroid Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma		X			X	X				X															
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

males (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 1000 ppm Male																									
DAY ON TEST	0736	0736	0734	0734	0735	0735	0332	0658	0685	0662	0734	0734	0669	0736	0733	0733	0735	0735	0734	0734	0735	0735	0735	0735	0735
ANIMAL ID	0010 1	0010 2	0010 3	0010 4	0010 5	0010 6	0010 7	0010 8	0010 9	0011 0	0011 1	0011 2	0011 3	0011 4	0011 5	0011 6	0011 7	0011 8	0011 9	0012 0	0012 1	0012 2	0012 3	0012 4	0012 5
Bilateral, C-cell, Adenoma										X															
C-cell, Adenoma					X	X								X		X	X	X							
C-cell, Carcinoma		X															X								
GENERAL BODY SYSTEM																									
Tissue NOS	+																								
Sarcoma	X																								
GENITAL SYSTEM																									
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Penis																									
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesothelioma Malignant												X													
Interstitial Cell, Adenoma											X		X												
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node												+											+		

males (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

1000 ppm Male

DAY ON TEST	0736	0736	0734	0734	0735	0735	0332	0658	0685	0662	0734	0734	0669	0736	0733	0733	0735	0735	0734	0734	0735	0735	0735	0735	0735	**males (cont...)**
ANIMAL ID	0010 1	0010 2	0010 3	0010 4	0010 5	0010 6	0010 7	0010 8	0010 9	0011 0	0011 1	0011 2	0011 3	0011 4	0011 5	0011 6	0011 7	0011 8	0011 9	0012 0	0012 1	0012 2	0012 3	0012 4	0012 5	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																							X			
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																							X			
Thymus	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibroadenoma																										
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Keratoacanthoma								X																		
Subcutaneous Tissue, Fibroma															X			X								
Subcutaneous Tissue, Fibrosarcoma	X																			X						
Subcutaneous Tissue, Osteosarcoma																										
Subcutaneous Tissue, Squamous Cell Carcinoma																	X									
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 1000 ppm Male																										
DAY ON TEST	0736	0736	0734	0734	0735	0735	0332	0658	0685	0662	0734	0734	0669	0736	0733	0733	0735	0735	0734	0734	0735	0735	0735	0735	0735	males (cont...)
ANIMAL ID	0010 1	0010 2	0010 3	0010 4	0010 5	0010 6	0010 7	0010 8	0010 9	0011 0	0011 1	0011 2	0011 3	0011 4	0011 5	0011 6	0011 7	0011 8	0011 9	0012 0	0012 1	0012 2	0012 3	0012 4	0012 5	
Glioma Malignant			X																							
Granular Cell Tumor Benign																										
Leukemia Mononuclear																							X			
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																										
Pheochromocytoma Malignant, Metastatic, Adrenal Medulla																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																							X			
Renal Tubule, Adenoma													X													
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SYSTEMIC LESIONS																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

1000 ppm Male

DAY ON TEST	736	736	734	734	735	735	332	658	685	662	734	734	669	736	733	733	735	735	734	734	735	735	735	735	735
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid																							X		
Leukemia Mononuclear																							X		
Mesothelioma Malignant												X													

males (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

1000 ppm Male

DAY ON TEST	735	736	736	733	733	735	698	656	736	733	733	736	736	734	734	701	733	736	736	722	624	736	308	733	733	
ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	**49**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear												X								X						**3**
Mesentery																										**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Acinus, Adenoma	X	X																								**5**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosarcoma																										**1**
Sarcoma																										**1**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

1000 ppm Male

DAY ON TEST	735	736	736	733	733	735	698	656	736	733	733	736	736	734	734	701	733	736	736	722	624	736	308	733	733	
ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Schwannoma Malignant								X																		**1**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma		X																								**2**
Leukemia Mononuclear																				X						**2**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pheochromocytoma Benign													X			X										**3**
Pheochromocytoma Malignant						X					X															**2**
Bilateral, Pheochromocytoma Benign																										**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma																					X					**4**
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	**45**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Adenoma							X		X								X									**7**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

1000 ppm Male

DAY ON TEST	735	736	736	733	733	735	698	656	736	733	733	736	736	734	734	701	733	736	736	722	624	736	308	733	733	
ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	* TOTALS
Bilateral, C-cell, Adenoma											X															**2**
C-cell, Adenoma			X			X			X					X							X				X	**12**
C-cell, Carcinoma																			X							**3**
GENERAL BODY SYSTEM																										
Tissue NOS																										**1**
Sarcoma																										**1**
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Penis																					+					**1**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mesothelioma Malignant																										**1**
Interstitial Cell, Adenoma														X												**3**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node																										**2**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

1000 ppm Male

DAY ON TEST	735	736	736	733	733	735	698	656	736	733	733	736	736	734	734	701	733	736	736	722	624	736	308	733	733	
ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	* TOTALS
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																				X						**2**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	**49**
Fibroadenoma									X																	**1**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Keratoacanthoma													X													**2**
Subcutaneous Tissue, Fibroma											X										X					**4**
Subcutaneous Tissue, Fibrosarcoma																										**2**
Subcutaneous Tissue, Osteosarcoma																						X				**1**
Subcutaneous Tissue, Squamous Cell Carcinoma																										**1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

1000 ppm Male

DAY ON TEST	0735	0736	0736	0733	0733	0735	0698	0656	0736	0733	0733	0736	0736	0734	0734	0701	0733	0736	0736	0722	0624	0736	0308	0733	0733	
ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	* TOTALS
Glioma Malignant																						X				**2**
Granular Cell Tumor Benign															X											**1**
Leukemia Mononuclear																										**1**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																				X						**1**
Pheochromocytoma Malignant, Metastatic, Adrenal Medulla											X															**1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																				X						**2**
Renal Tubule, Adenoma																										**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SYSTEMIC LESIONS																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

1000 ppm Male

DAY ON TEST	735	736	736	733	733	735	698	656	736	733	733	736	736	734	734	701	733	736	736	722	624	736	308	733	733	
ANIMAL ID	0012 6	0012 7	0012 8	0012 9	0013 0	0013 1	0013 2	0013 3	0013 4	0013 5	0013 6	0013 7	0013 8	0013 9	0014 0	0014 1	0014 2	0014 3	0014 4	0014 5	0014 6	0014 7	0014 8	0014 9	0015 0	*** TOTALS**
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Amyloid																										**1**
Leukemia Mononuclear												X								X						**3**
Mesothelioma Malignant																										**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 3000 ppm Male																										
DAY ON TEST	0707	0733	0735	0644	0733	0733	0736	0736	0680	0734	0735	0735	0736	0677	0735	0681	0734	0734	0734	0734	0605	0734	0735	0735	0734	
ANIMAL ID	001551	001552	001553	001554	001555	001556	001557	001558	001559	001560	001561	001562	001563	001564	001565	001566	001567	001568	001569	001570	001571	001572	001573	001574	001575	males (cont...)
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum Adenocarcinoma Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver Hepatocellular Adenoma Leukemia Mononuclear Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
	X																									
Mesentery Leukemia Mononuclear	+																									
Oral Mucosa Squamous Cell Carcinoma																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

3000 ppm Male

DAY ON TEST	707	733	735	644	733	733	736	736	680	734	735	735	736	677	735	681	734	734	734	734	605	734	735	735	734
ANIMAL ID	001 51	001 52	001 53	001 54	001 55	001 56	001 57	001 58	001 59	001 60	001 61	001 62	001 63	001 64	001 65	001 66	001 67	001 68	001 69	001 70	001 71	001 72	001 73	001 74	001 75
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear	X																								
Lymphoma Malignant																									
Acinus, Adenoma					X				X						X										
Acinus, Adenoma, Multiple							X					X	X			X	X		X					X	X
Acinus, Carcinoma																			X						
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Aorta, Lymphoma Malignant																									
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear	X																								
Lymphoma Malignant																X									
Schwannoma Malignant												X													
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																									

males (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

3000 ppm Male

DAY ON TEST	0707	0733	0735	0644	0733	0733	0736	0736	0680	0734	0735	0735	0736	0677	0735	0681	0734	0734	0734	0734	0605	0734	0735	0735	0734
ANIMAL ID	0015 1	0015 2	0015 3	0015 4	0015 5	0015 6	0015 7	0015 8	0015 9	0016 0	0016 1	0016 2	0016 3	0016 4	0016 5	0016 6	0016 7	0016 8	0016 9	0017 0	0017 1	0017 2	0017 3	0017 4	0017 5
Leukemia Mononuclear	X																								
Lymphoma Malignant																									
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear	X																								
Pheochromocytoma Benign				X						X					X										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma									X						X									X	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear	X																								
Pars Distalis, Adenoma	X																						X		X
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C-cell, Adenoma						X	X	X			X		X										X		
C-cell, Carcinoma								X																	X
Follicular Cell, Adenoma																									

males (cont...)

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

3000 ppm Male

DAY ON TEST	0707	0733	0735	0644	0733	0733	0736	0736	0680	0734	0735	0735	0736	0677	0735	0681	0734	0734	0734	0734	0605	0734	0735	0735	0734
ANIMAL ID	0015 1	0015 2	0015 3	0015 4	0015 5	0015 6	0015 7	0015 8	0015 9	0016 0	0016 1	0016 2	0016 3	0016 4	0016 5	0016 6	0016 7	0016 8	0016 9	0017 0	0017 1	0017 2	0017 3	0017 4	0017 5
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
Ventral, Adenoma													X												
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
Bilateral, Interstitial Cell, Adenoma																									
Interstitial Cell, Adenoma					X							X							X					X	
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear	X																								
Lymph Node									+																+
Deep Cervical, Carcinoma, Metastatic, Thyroid Gland																									X
Mediastinal, Lymphoma Malignant																									
Pancreatic, Leukemia Mononuclear																									
Pancreatic, Lymphoma Malignant																									
Renal, Lymphoma Malignant																									
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear	X																								
Lymphoma Malignant																									
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

males (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

3000 ppm Male

DAY ON TEST	707	733	735	644	733	733	736	736	680	734	735	735	736	677	735	681	734	734	734	734	605	734	735	735	734	males (cont...)
ANIMAL ID	001 51	001 52	001 53	001 54	001 55	001 56	001 57	001 58	001 59	001 60	001 61	001 62	001 63	001 64	001 65	001 66	001 67	001 68	001 69	001 70	001 71	001 72	001 73	001 74	001 75	
Leukemia Mononuclear																										
Lymphoma Malignant																										
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear	X																									
Lipoma																								X		
Lymphoma Malignant																										
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant												X														
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibroadenoma																										
Lymphoma Malignant																										
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Keratoacanthoma																										
Subcutaneous Tissue, Fibroma																										
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Glioma Malignant																										
Leukemia Mononuclear	X																									

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 3000 ppm Male																									
DAY ON TEST	0707	0733	0735	0644	0733	0733	0736	0736	0680	0734	0735	0735	0736	0677	0735	0681	0734	0734	0734	0734	0605	0734	0735	0735	0734
ANIMAL ID	0015 1	0015 2	0015 3	0015 4	0015 5	0015 6	0015 7	0015 8	0015 9	0016 0	0016 1	0016 2	0016 3	0016 4	0016 5	0016 6	0016 7	0016 8	0016 9	0017 0	0017 1	0017 2	0017 3	0017 4	0017 5
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Thyroid Gland																									X
Leukemia Mononuclear	X																								
Lymphoma Malignant																									
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
Squamous Cell Carcinoma, Metastatic, Oral Mucosa																									
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear	X																								
Lymphoma Malignant																									
Papilla, Polyp Adenomatous									X																
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									

males (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 3000 ppm Male																										
DAY ON TEST	0707	0733	0735	0644	0733	0733	0736	0736	0680	0734	0735	0735	0736	0677	0735	0681	0734	0734	0734	0734	0605	0734	0735	0735	0734	males (cont...)
ANIMAL ID	001551	001552	001553	001554	001555	001556	001557	001558	001559	001560	001561	001562	001563	001564	001565	001566	001567	001568	001569	001570	001571	001572	001573	001574	001575	
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear	X																									
Lymphoma Malignant												X				X										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

3000 ppm Male

DAY ON TEST	0734	0735	0691	0614	0589	0736	0736	0733	0733	0736	0736	0728	0635	0728	0733	0735	0735	0323	0349	0736	0504	0736	0736	0734	0734	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																					X					**1**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																					X					**1**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma					X																					**1**
Lymphoma Malignant																					X					**1**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hepatocellular Adenoma											X															**1**
Leukemia Mononuclear														X												**2**
Lymphoma Malignant																					X					**1**
Mesentery		+												+												**3**
Leukemia Mononuclear														X												**1**
Oral Mucosa					+																					**1**
Squamous Cell Carcinoma					X																					**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

3000 ppm Male

DAY ON TEST	734	735	691	614	589	736	736	733	733	736	736	728	635	728	733	735	735	323	349	736	504	736	736	734	734	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	*** TOTALS**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																					X					**1**
Acinus, Adenoma			X															X								**5**
Acinus, Adenoma, Multiple		X				X				X	X	X				X						X	X	X	X	**18**
Acinus, Carcinoma																										**1**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																					X					**1**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																					X					**1**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																					X					**1**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Aorta, Lymphoma Malignant																					X					**1**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**
Schwannoma Malignant																										**1**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma						X																				**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

3000 ppm Male

DAY ON TEST	0734	0735	0691	0614	0589	0736	0736	0733	0733	0736	0736	0728	0635	0728	0733	0735	0735	0323	0349	0736	0504	0736	0736	0734	0734	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	* TOTALS
Leukemia Mononuclear														X												**2**
Lymphoma Malignant																					X					**1**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Pheochromocytoma Benign																										**3**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma		X				X	X			X																**7**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear														X												**2**
Pars Distalis, Adenoma			X						X	X				X												**7**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Adenoma												X								X						**8**
C-cell, Carcinoma																										**2**
Follicular Cell, Adenoma													X													**1**

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

3000 ppm Male

DAY ON TEST	0734	0735	0691	0614	0589	0736	0736	0733	0733	0736	0736	0728	0635	0728	0733	0735	0735	0323	0349	0736	0504	0736	0736	0734	0734	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	* TOTALS
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																					X					**1**
Ventral, Adenoma																										**1**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																					X					**1**
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																					X					**1**
Bilateral, Interstitial Cell, Adenoma															X											**1**
Interstitial Cell, Adenoma			X																							**5**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear														X												**2**
Lymph Node														+							+					**4**
Deep Cervical, Carcinoma, Metastatic, Thyroid Gland																										**1**
Mediastinal, Lymphoma Malignant														X							X					**2**
Pancreatic, Leukemia Mononuclear														X												**1**
Pancreatic, Lymphoma Malignant																					X					**1**
Renal, Lymphoma Malignant																					X					**1**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																					X					**1**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

3000 ppm Male

DAY ON TEST	0734	0735	0691	0614	0589	0736	0736	0733	0733	0736	0736	0728	0635	0728	0733	0735	0735	0323	0349	0736	0504	0736	0736	0734	0734	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	*** TOTALS**
Leukemia Mononuclear														X												**1**
Lymphoma Malignant																					X					**1**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear														X												**2**
Lipoma																										**1**
Lymphoma Malignant																					X					**1**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																					X					**2**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibroadenoma								X																		**1**
Lymphoma Malignant																					X					**1**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Keratoacanthoma															X	X										**2**
Subcutaneous Tissue, Fibroma			X						X																	**2**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Glioma Malignant																									X	**1**
Leukemia Mononuclear																										**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

3000 ppm Male

DAY ON TEST	0734	0735	0691	0614	0589	0736	0736	0733	0733	0736	0736	0728	0635	0728	0733	0735	0735	0323	0349	0736	0504	0736	0736	0734	0734	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	* TOTALS
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Carcinoma, Metastatic, Thyroid Gland																										**1**
Leukemia Mononuclear														X												**2**
Lymphoma Malignant																					X					**1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																					X					**1**
Squamous Cell Carcinoma, Metastatic, Oral Mucosa					X																					**1**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																					X					**1**
Papilla, Polyp Adenomatous																										**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																					X					**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

3000 ppm Male

DAY ON TEST	734	735	691	614	589	736	736	733	733	736	736	728	635	728	733	735	735	323	349	736	504	736	736	734	734	
ANIMAL ID	0017 6	0017 7	0017 8	0017 9	0018 0	0018 1	0018 2	0018 3	0018 4	0018 5	0018 6	0018 7	0018 8	0018 9	0019 0	0019 1	0019 2	0019 3	0019 4	0019 5	0019 6	0019 7	0019 8	0019 9	0020 0	*** TOTALS**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear														X												**2**
Lymphoma Malignant														X							X					**4**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 10000 ppm Male																										
DAY ON TEST	073 4	073 4	073 5	073 5	062 1	073 5	073 5	073 5	073 6	073 6	073 6	073 6	073 4	073 4	073 3	073 3	073 5	073 5	073 5	066 1	073 5	065 3	073 3	073 3	073 3	
ANIMAL ID	002 01	002 02	002 03	002 04	002 05	002 06	002 07	002 08	002 09	002 10	002 11	002 12	002 13	002 14	002 15	002 16	002 17	002 18	002 19	002 20	002 21	002 22	002 23	002 24	002 25	males (cont...)
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma			X																							
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Pancreas					X																					
Hepatocellular Adenoma																			X							
Hepatocellular Carcinoma	X								X																	
Mesentery			+		+			+																	+	
Carcinoma, Metastatic, Pancreas					X																				X	
Oral Mucosa																	+									
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acinus, Adenoma			X																	X						
Acinus, Adenoma, Multiple		X		X					X		X	X	X		X	X		X	X		X			X		

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 10000 ppm Male																										
DAY ON TEST	0734	0734	0735	0735	0621	0735	0735	0735	0736	0736	0736	0736	0734	0734	0733	0733	0735	0735	0735	0661	0735	0653	0733	0733	0733	males (cont...)
ANIMAL ID	0020 1	0020 2	0020 3	0020 4	0020 5	0020 6	0020 7	0020 8	0020 9	0021 0	0021 1	0021 2	0021 3	0021 4	0021 5	0021 6	0021 7	0021 8	0021 9	0022 0	0022 1	0022 2	0022 3	0022 4	0022 5	
Acinus, Carcinoma			X																						X	
Acinus, Carcinoma, Multiple					X																					
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Schwannoma Malignant																										
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma																										
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pheochromocytoma Benign																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma	X																									
Parathyroid Gland	M	+	+	+	+	M	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	M	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

10000 ppm Male

DAY ON TEST	0734	0734	0735	0735	0621	0735	0735	0735	0736	0736	0736	0736	0734	0734	0733	0733	0735	0735	0735	0661	0735	0653	0733	0733	0733	males (cont...)
ANIMAL ID	0020 1	0020 2	0020 3	0020 4	0020 5	0020 6	0020 7	0020 8	0020 9	0021 0	0021 1	0021 2	0021 3	0021 4	0021 5	0021 6	0021 7	0021 8	0021 9	0022 0	0022 1	0022 2	0022 3	0022 4	0022 5	
Pars Distalis, Adenoma								X							X							X				
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bilateral, C-cell, Adenoma																		X								
C-cell, Adenoma			X			X						X		X	X								X			
C-cell, Carcinoma																										
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Mesothelioma Malignant																						X				
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Squamous Cell Carcinoma													X													
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Mesothelioma Malignant																						X				
Bilateral, Interstitial Cell, Adenoma											X								X							
Interstitial Cell, Adenoma			X			X			X	X		X						X							X	
HEMATOPOIETIC SYSTEM																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 10000 ppm Male																										
DAY ON TEST	734	734	735	735	621	735	735	735	736	736	736	736	734	734	733	733	735	735	735	661	735	653	733	733	733	males (cont...)
ANIMAL ID	0020 1	0020 2	0020 3	0020 4	0020 5	0020 6	0020 7	0020 8	0020 9	0021 0	0021 1	0021 2	0021 3	0021 4	0021 5	0021 6	0021 7	0021 8	0021 9	0022 0	0022 1	0022 2	0022 3	0022 4	0022 5	
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Subcutaneous Tissue, Fibroma																										
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Glioma Malignant																		X								
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cystic Keratinizing Epithelioma																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

DAY ON TEST	0734	0734	0735	0735	0621	0735	0735	0735	0736	0736	0736	0736	0734	0734	0733	0733	0735	0735	0735	0661	0735	0653	0733	0733	0733
HARLAN SPRAGUE DAWLEY RATS MALE																									
10000 ppm Male ANIMAL ID	0020 1	0020 2	0020 3	0020 4	0020 5	0020 6	0020 7	0020 8	0020 9	0021 0	0021 1	0021 2	0021 3	0021 4	0021 5	0021 6	0021 7	0021 8	0021 9	0022 0	0022 1	0022 2	0022 3	0022 4	0022 5
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																									
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid																						X			
Mesothelioma Malignant																						X			

males (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

10000 ppm Male

DAY ON TEST	614	736	736	736	736	736	736	663	735	734	425	733	733	733	733	734	734	455	734	735	735	684	733	734	734	
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma																										**1**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Carcinoma, Metastatic, Pancreas																										**1**
Hepatocellular Adenoma			X						X			X			X									X		**6**
Hepatocellular Carcinoma		X																			X	X			X	**6**
Mesentery																										**4**
Carcinoma, Metastatic, Pancreas																										**2**
Oral Mucosa																										**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Acinus, Adenoma			X										X				X		X		X					**7**
Acinus, Adenoma, Multiple		X		X	X	X			X			X		X		X				X			X	X		**23**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

10000 ppm Male

DAY ON TEST	614	736	736	736	736	736	736	663	735	734	425	733	733	733	733	734	734	455	734	735	735	684	733	734	734	
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS
Acinus, Carcinoma						X				X																**4**
Acinus, Carcinoma, Multiple																										**1**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Schwannoma Malignant																						X				**1**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma																X										**1**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pheochromocytoma Benign													X													**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma																										**1**
Parathyroid Gland	+	+	+	M	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	M	M	+	+	+	+	**40**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

10000 ppm Male

DAY ON TEST	614	736	736	736	736	736	736	663	735	734	425	733	733	733	733	734	734	455	734	735	735	684	733	734	734	
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS
Pars Distalis, Adenoma															X											**4**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Bilateral, C-cell, Adenoma																										**1**
C-cell, Adenoma								X	X			X														**9**
C-cell, Carcinoma																X										**1**
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mesothelioma Malignant																										**1**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Squamous Cell Carcinoma																										**1**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Mesothelioma Malignant																										**1**
Bilateral, Interstitial Cell, Adenoma			X						X																	**4**
Interstitial Cell, Adenoma		X			X		X									X										**11**
HEMATOPOIETIC SYSTEM																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 10000 ppm Male																										
DAY ON TEST	614	736	736	736	736	736	736	663	735	734	425	733	733	733	733	734	734	455	734	735	735	684	733	734	734	
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Thymus	M	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Subcutaneous Tissue, Fibroma					X																					**1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Glioma Malignant											X															**2**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cystic Keratinizing Epithelioma												X														**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 10000 ppm Male																										
DAY ON TEST	614	736	736	736	736	736	736	663	735	734	425	733	733	733	733	734	734	455	734	735	735	684	733	734	734	
ANIMAL ID	0026	0027	0028	0029	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	0050	* TOTALS
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Amyloid																										**1**
Mesothelioma Malignant																										**1**

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 0 ppm Female																									
DAY ON TEST	0740	0575	0740	0740	0489	0741	0741	0741	0736	0736	0736	0736	0740	0740	0740	0740	0739	0739	0739	0575	0646	0736	0736	0736	0726
ANIMAL ID	00251	00252	00253	00254	00255	00256	00257	00258	00259	00260	00261	00262	00263	00264	00265	00266	00267	00268	00269	00270	00271	00272	00273	00274	00275
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cholangioma							X																		
Lymphoma Malignant																								X	
Oral Mucosa																									
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

females (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 0 ppm Female																										
DAY ON TEST	0740	0575	0740	0740	0489	0741	0741	0741	0736	0736	0736	0736	0740	0740	0740	0740	0739	0739	0739	0575	0646	0736	0736	0736	0726	
ANIMAL ID	00251	00252	00253	00254	00255	00256	00257	00258	00259	00260	00261	00262	00263	00264	00265	00266	00267	00268	00269	00270	00271	00272	00273	00274	00275	females (cont...)
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Schwannoma Malignant										X																
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pheochromocytoma Benign																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma												X														
Parathyroid Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Adenoma			X										X		X						X	X		X	X	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bilateral, C-cell, Adenoma													X													
C-cell, Adenoma																			X						X	
C-cell, Adenoma, Multiple												X				X										
C-cell, Carcinoma							X										X									
GENERAL BODY SYSTEM																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

0 ppm Female

DAY ON TEST	0740	0575	0740	0740	0489	0741	0741	0741	0736	0736	0736	0736	0740	0740	0740	0740	0739	0739	0739	0575	0646	0736	0736	0736	0726	
ANIMAL ID	0025 1	0025 2	0025 3	0025 4	0025 5	0025 6	0025 7	0025 8	0025 9	0026 0	0026 1	0026 2	0026 3	0026 4	0026 5	0026 6	0026 7	0026 8	0026 9	0027 0	0027 1	0027 2	0027 3	0027 4	0027 5	**females (cont...)**
Peritoneum																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Squamous Cell Papilloma							X																			
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Mammary Gland																										
Granulosa Cell Tumor Benign															X											
Luteoma	X																									
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Polyp Stromal					X				X			X														
Polyp Stromal, Multiple													X													
Cervix, Sarcoma																										
Endometrium, Adenocarcinoma									X																	
Vagina																										
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node								+																		
Mediastinal, Sarcoma, Metastatic, Skin																										
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
Lymphoma Malignant																								X		

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 0 ppm Female																										
DAY ON TEST	0740	0575	0740	0740	0489	0741	0741	0741	0736	0736	0736	0736	0740	0740	0740	0740	0739	0739	0739	0575	0646	0736	0736	0736	0726	
ANIMAL ID	00251	00252	00253	00254	00255	00256	00257	00258	00259	00260	00261	00262	00263	00264	00265	00266	00267	00268	00269	00270	00271	00272	00273	00274	00275	females (cont...)
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																								X		
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																								X		
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma																X				X	X		X			
Fibroadenoma	X				X					X			X						X	X	X			X		
Fibroadenoma, Multiple				X													X	X				X				
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Subcutaneous Tissue, Sarcoma																										
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Granular Cell Tumor Benign																										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 0 ppm Female																										
DAY ON TEST	0740	0575	0740	0740	0489	0741	0741	0741	0736	0736	0736	0736	0740	0740	0740	0740	0739	0739	0739	0575	0646	0736	0736	0736	0726	
ANIMAL ID	00251	00252	00253	00254	00255	00256	00257	00258	00259	00260	00261	00262	00263	00264	00265	00266	00267	00268	00269	00270	00271	00272	00273	00274	00275	females (cont...)
Adenocarcinoma, Metastatic, Mammary Gland																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																								X		

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 0 ppm Female																										
DAY ON TEST	0741	0468	0741	0740	0559	0679	0740	0741	0741	0741	0694	0739	0722	0598	0658	0668	0740	0740	0643	0739	0739	0537	0658	0355	0739	
ANIMAL ID	00276	00277	00278	00279	00280	00281	00282	00283	00284	00285	00286	00287	00288	00289	00290	00291	00292	00293	00294	00295	00296	00297	00298	00299	00300	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cholangioma																										**1**
Lymphoma Malignant																										**1**
Oral Mucosa																			+							**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 0 ppm Female																									
DAY ON TEST	0741	0468	0741	0740	0559	0679	0740	0741	0741	0741	0694	0739	0722	0598	0658	0668	0740	0740	0643	0739	0739	0537	0658	0355	0739
ANIMAL ID	00276	00277	00278	00279	00280	00281	00282	00283	00284	00285	00286	00287	00288	00289	00290	00291	00292	00293	00294	00295	00296	00297	00298	00299	00300	* TOTALS
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Schwannoma Malignant																										**1**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pheochromocytoma Benign																X										**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma																										**1**
Parathyroid Gland	+	+	+	+	M	M	+	+	+	+	+	+	+	M	+	+	M	+	+	+	M	+	M	+	+	**42**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	**49**
Pars Distalis, Adenoma	X							X		X										X	X				X	**13**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Bilateral, C-cell, Adenoma																										**1**
C-cell, Adenoma			X				X				X					X		X			X				X	**9**
C-cell, Adenoma, Multiple																										**2**
C-cell, Carcinoma																										**2**
GENERAL BODY SYSTEM																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

0 ppm Female

DAY ON TEST	0741	0468	0741	0740	0559	0679	0740	0741	0741	0741	0694	0739	0722	0598	0658	0668	0740	0740	0643	0739	0739	0537	0658	0355	0739	
ANIMAL ID	0027 6	0027 7	0027 8	0027 9	0028 0	0028 1	0028 2	0028 3	0028 4	0028 5	0028 6	0028 7	0028 8	0028 9	0029 0	0029 1	0029 2	0029 3	0029 4	0029 5	0029 6	0029 7	0029 8	0029 9	0030 0	*** TOTALS**
Peritoneum											+															**1**
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	**49**
Squamous Cell Papilloma																										**1**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Mammary Gland		X																								**1**
Granulosa Cell Tumor Benign																										**1**
Luteoma																										**1**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Polyp Stromal																										**3**
Polyp Stromal, Multiple	X																									**2**
Cervix, Sarcoma																	X									**1**
Endometrium, Adenocarcinoma	X																									**2**
Vagina		+																								**1**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node																								+		**2**
Mediastinal, Sarcoma, Metastatic, Skin																								X		**1**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	**48**
Lymphoma Malignant																										**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

0 ppm Female

DAY ON TEST	0741	0468	0741	0740	0559	0679	0740	0741	0741	0741	0694	0739	0722	0598	0658	0668	0740	0740	0643	0739	0739	0537	0658	0355	0739	
ANIMAL ID	0027 6	0027 7	0027 8	0027 9	0028 0	0028 1	0028 2	0028 3	0028 4	0028 5	0028 6	0028 7	0028 8	0028 9	0029 0	0029 1	0029 2	0029 3	0029 4	0029 5	0029 6	0029 7	0029 8	0029 9	0030 0	*** TOTALS**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
Thymus	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma		X			X										X	X										**8**
Fibroadenoma	X		X						X						X	X	X	X		X		X	X			**18**
Fibroadenoma, Multiple												X	X								X					**7**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Subcutaneous Tissue, Sarcoma																								X		**1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Granular Cell Tumor Benign									X	X																**2**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 0 ppm Female																										
DAY ON TEST	0741	0468	0741	0740	0559	0679	0740	0741	0741	0741	0694	0739	0722	0598	0658	0668	0740	0740	0643	0739	0739	0537	0658	0355	0739	
ANIMAL ID	00276	00277	00278	00279	00280	00281	00282	00283	00284	00285	00286	00287	00288	00289	00290	00291	00292	00293	00294	00295	00296	00297	00298	00299	00300	* TOTALS
Adenocarcinoma, Metastatic, Mammary Gland		X			X																					**2**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 ppm Female																									
DAY ON TEST	0736	0469	0736	0736	0740	0740	0740	0740	0739	0587	0739	0739	0680	0736	0736	0736	0741	0741	0693	0697	0740	0580	0740	0740	0736
ANIMAL ID	0030 1	0030 2	0030 3	0030 4	0030 5	0030 6	0030 7	0030 8	0030 9	0031 0	0031 1	0031 2	0031 3	0031 4	0031 5	0031 6	0031 7	0031 8	0031 9	0032 0	0032 1	0032 2	0032 3	0032 4	0032 5
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma, Metastatic, Uterus																				X					
Mesentery												+													
Paraganglioma												X													
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma, Metastatic, Uterus																				X					
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma															X										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 ppm Female																										
DAY ON TEST	0736	0469	0736	0736	0740	0740	0740	0740	0739	0587	0739	0739	0680	0736	0736	0736	0741	0741	0693	0697	0740	0580	0740	0740	0736	
ANIMAL ID	00301	00302	00303	00304	00305	00306	00307	00308	00309	00310	00311	00312	00313	00314	00315	00316	00317	00318	00319	00320	00321	00322	00323	00324	00325	females (cont...)
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma																										
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pheochromocytoma Benign																						X				
Pheochromocytoma Malignant																X										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma																										
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Adenoma			X	X											X			X						X	X	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bilateral, C-cell, Adenoma	X			X																						
C-cell, Adenoma		X												X								X				
C-cell, Carcinoma		X																							X	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 ppm Female																										
DAY ON TEST	0736	0469	0736	0736	0740	0740	0740	0740	0739	0587	0739	0739	0680	0736	0736	0736	0741	0741	0693	0697	0740	0580	0740	0740	0736	
ANIMAL ID	00301	00302	00303	00304	00305	00306	00307	00308	00309	00310	00311	00312	00313	00314	00315	00316	00317	00318	00319	00320	00321	00322	00323	00324	00325	females (cont...)
GENERAL BODY SYSTEM																										
Peritoneum																				+						
Adenocarcinoma, Metastatic, Uterus																				X						
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	
Squamous Cell Carcinoma																										
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																				X						
Oviduct																										
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Paraganglioma Malignant, Metastatic, Mesentery												X														
Polyp Stromal					X																					
Polyp Stromal, Multiple																										
Squamous Cell Carcinoma																										
Endometrium, Adenocarcinoma																		X		X						
Endometrium, Adenoma					X																					
Endometrium, Histiocytic Sarcoma																										
Vagina																										
Schwannoma Malignant																										
HEMATOPOIETIC SYSTEM																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

300 ppm Female

DAY ON TEST	0736	0469	0736	0736	0740	0740	0740	0740	0739	0587	0739	0739	0680	0736	0736	0736	0741	0741	0693	0697	0740	0580	0740	0740	0736	females (cont...)
ANIMAL ID	0301	0302	0303	0304	0305	0306	0307	0308	0309	0310	0311	0312	0313	0314	0315	0316	0317	0318	0319	0320	0321	0322	0323	0324	0325	
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node		+																								
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mediastinal												+														
Paraganglioma Malignant, Metastatic, Mesentery												X														
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymus	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma													X													
Adenoma																					X					
Fibroadenoma		X		X		X			X			X	X	X	X	X	X	X	X	X	X					
Fibroadenoma, Multiple										X	X															
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 ppm Female																									
DAY ON TEST	0736	0469	0736	0736	0740	0740	0740	0740	0739	0587	0739	0739	0680	0736	0736	0736	0741	0741	0693	0697	0740	0580	0740	0740	0736
ANIMAL ID	0030 1	0030 2	0030 3	0030 4	0030 5	0030 6	0030 7	0030 8	0030 9	0031 0	0031 1	0031 2	0031 3	0031 4	0031 5	0031 6	0031 7	0031 8	0031 9	0032 0	0032 1	0032 2	0032 3	0032 4	0032 5
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma, Metastatic, Mammary Gland													X												
Histiocytic Sarcoma, Metastatic, Uterus																									
Paraganglioma Malignant, Metastatic, Mesentery												X													
Pheochromocytoma Malignant, Metastatic, Adrenal Medulla																X									
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma, Metastatic, Uterus																				X					
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

females (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 ppm Female																										
DAY ON TEST	0736	0469	0736	0736	0740	0740	0740	0740	0739	0587	0739	0739	0680	0736	0736	0736	0741	0741	0693	0697	0740	0580	0740	0740	0736	
ANIMAL ID	00301	00302	00303	00304	00305	00306	00307	00308	00309	00310	00311	00312	00313	00314	00315	00316	00317	00318	00319	00320	00321	00322	00323	00324	00325	**females (cont...)**
Paraganglioma Malignant, Metastatic, Mesentery												X														
Schwannoma Malignant, Metastatic, Vagina																										
SYSTEMIC LESIONS																										
Multiple Organ Histiocytic Sarcoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 ppm Female																									
DAY ON TEST	0736	0634	0736	0483	0523	0741	0741	0739	0739	0739	0739	0739	0327	0739	0238	0741	0546	0286	0575	0741	0370	0741	0741	0741	0666	
ANIMAL ID	00326	00327	00328	00329	00330	00331	00332	00333	00334	00335	00336	00337	00338	00339	00340	00341	00342	00343	00344	00345	00346	00347	00348	00349	00350	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Uterus																										**1**
Mesentery																										**1**
Paraganglioma																										**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Uterus																										**1**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Squamous Cell Papilloma																										**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

300 ppm Female

DAY ON TEST	0736	0634	0736	0483	0523	0741	0741	0739	0739	0739	0739	0739	0327	0739	0238	0741	0546	0286	0575	0741	0370	0741	0741	0741	0666	
ANIMAL ID	0032 6	0032 7	0032 8	0032 9	0033 0	0033 1	0033 2	0033 3	0033 4	0033 5	0033 6	0033 7	0033 8	0033 9	0034 0	0034 1	0034 2	0034 3	0034 4	0034 5	0034 6	0034 7	0034 8	0034 9	0035 0	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Carcinoma	X																									**1**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pheochromocytoma Benign																								X		**2**
Pheochromocytoma Malignant																										**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma								X				X					X									**3**
Parathyroid Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	**48**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Adenoma	X							X			X									X		X				**11**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Bilateral, C-cell, Adenoma							X																			**3**
C-cell, Adenoma	X					X								X								X				**7**
C-cell, Carcinoma																										**2**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 ppm Female																										
DAY ON TEST	073	063	073	048	052	074	074	073	073	073	073	073	032	073	023	074	054	028	057	074	037	074	074	074	066	
ANIMAL ID	0326	0327	0328	0329	0330	0331	0332	0333	0334	0335	0336	0337	0338	0339	0340	0341	0342	0343	0344	0345	0346	0347	0348	0349	0350	* TOTALS
GENERAL BODY SYSTEM																										
Peritoneum																										**1**
Adenocarcinoma, Metastatic, Uterus																										**1**
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Squamous Cell Carcinoma												X														**1**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Uterus																										**1**
Oviduct								+																		**1**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Paraganglioma Malignant, Metastatic, Mesentery																										**1**
Polyp Stromal														X				X					X			**4**
Polyp Stromal, Multiple																X										**1**
Squamous Cell Carcinoma																								X		**1**
Endometrium, Adenocarcinoma																										**2**
Endometrium, Adenoma																										**1**
Endometrium, Histiocytic Sarcoma																									X	**1**
Vagina														+												**1**
Schwannoma Malignant														X												**1**
HEMATOPOIETIC SYSTEM																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

300 ppm Female

DAY ON TEST	736	634	736	483	523	741	741	739	739	739	739	739	327	739	238	741	546	286	575	741	370	741	741	741	666	
ANIMAL ID	0326	0327	0328	0329	0330	0331	0332	0333	0334	0335	0336	0337	0338	0339	0340	0341	0342	0343	0344	0345	0346	0347	0348	0349	0350	* TOTALS
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node																										**1**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node, Mediastinal																										**1**
Paraganglioma Malignant, Metastatic, Mesentery																										**1**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma					X				X	X																**4**
Adenoma																										**1**
Fibroadenoma	X	X	X			X				X			X		X			X			X	X				**24**
Fibroadenoma, Multiple									X		X					X			X					X		**7**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 300 ppm Female																									
DAY ON TEST	0736	0634	0736	0483	0523	0741	0741	0739	0739	0739	0739	0739	0327	0739	0238	0741	0546	0286	0575	0741	0370	0741	0741	0741	0666	
ANIMAL ID	00326	00327	00328	00329	00330	00331	00332	00333	00334	00335	00336	00337	00338	00339	00340	00341	00342	00343	00344	00345	00346	00347	00348	00349	00350	* TOTALS
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Mammary Gland																										**1**
Histiocytic Sarcoma, Metastatic, Uterus																									X	**1**
Paraganglioma Malignant, Metastatic, Mesentery																										**1**
Pheochromocytoma Malignant, Metastatic, Adrenal Medulla																										**1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Uterus																										**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

300 ppm Female

DAY ON TEST	736	634	736	483	523	741	741	739	739	739	739	739	327	739	238	741	546	286	575	741	370	741	741	741	666	
ANIMAL ID	0032 6	0032 7	0032 8	0032 9	0033 0	0033 1	0033 2	0033 3	0033 4	0033 5	0033 6	0033 7	0033 8	0033 9	0034 0	0034 1	0034 2	0034 3	0034 4	0034 5	0034 6	0034 7	0034 8	0034 9	0035 0	*** TOTALS**
Paraganglioma Malignant, Metastatic, Mesentery																										**1**
Schwannoma Malignant, Metastatic, Vagina														X												**1**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Histiocytic Sarcoma																									X	**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE **1000 ppm Female**																										
DAY ON TEST	0740	0658	0740	0740	0546	0741	0737	0741	0741	0452	0741	0634	0736	0635	0736	0736	0740	0635	0740	0740	0722	0739	0739	0722	0635	
ANIMAL ID	00351	00352	00353	00354	00355	00356	00357	00358	00359	00360	00361	00362	00363	00364	00365	00366	00367	00368	00369	00370	00371	00372	00373	00374	00375	**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear														X												
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant										X																
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hepatocellular Adenoma																										
Leukemia Mononuclear														X												
Lymphoma Malignant										X																
Mesentery																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear														X												
Lymphoma Malignant										X																
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 1000 ppm Female																										
DAY ON TEST	0740	0658	0740	0740	0546	0741	0737	0741	0741	0452	0741	0634	0736	0635	0736	0736	0740	0635	0740	0740	0722	0739	0739	0722	0635	
ANIMAL ID	00351	00352	00353	00354	00355	00356	00357	00358	00359	00360	00361	00362	00363	00364	00365	00366	00367	00368	00369	00370	00371	00372	00373	00374	00375	females (cont...)
Lymphoma Malignant										X																
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear														X												
Lymphoma Malignant										X																
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant										X																
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear														X												
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear														X												
Lymphoma Malignant										X																
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pheochromocytoma Benign																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma																										
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

1000 ppm Female

DAY ON TEST	0740	0658	0740	0740	0546	0741	0737	0741	0741	0452	0741	0634	0736	0635	0736	0736	0740	0635	0740	0740	0722	0739	0739	0722	0635	females (cont...)
ANIMAL ID	0035 1	0035 2	0035 3	0035 4	0035 5	0035 6	0035 7	0035 8	0035 9	0036 0	0036 1	0036 2	0036 3	0036 4	0036 5	0036 6	0036 7	0036 8	0036 9	0037 0	0037 1	0037 2	0037 3	0037 4	0037 5	
Leukemia Mononuclear														X												
Lymphoma Malignant										X																
Pars Distalis, Adenoma	X						X										X		X			X			X	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant										X																
C-cell, Adenoma						X			X					X					X	X	X				X	

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant										X																
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear														X												
Lymphoma Malignant										X																
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leiomyoma													X													
Lymphoma Malignant										X																
Polyp Stromal		X									X															
Polyp Stromal, Multiple																										
Endometrium, Adenocarcinoma																			X							
Vagina																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

1000 ppm Female

DAY ON TEST	0740	0658	0740	0740	0546	0741	0737	0741	0741	0452	0741	0634	0736	0635	0736	0736	0740	0635	0740	0740	0722	0739	0739	0722	0635	
ANIMAL ID	0035 1	0035 2	0035 3	0035 4	0035 5	0035 6	0035 7	0035 8	0035 9	0036 0	0036 1	0036 2	0036 3	0036 4	0036 5	0036 6	0036 7	0036 8	0036 9	0037 0	0037 1	0037 2	0037 3	0037 4	0037 5	females (cont...)
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant										X																
Lymph Node										+																
Lumbar, Lymphoma Malignant										X																
Mediastinal, Lymphoma Malignant										X																
Pancreatic, Lymphoma Malignant										X																
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear														X												
Lymphoma Malignant										X																
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear														X												
Lymphoma Malignant										X																
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear														X												
Lymphoma Malignant										X																
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear														X												
Lymphoma Malignant										X																
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma																	X							X		

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

1000 ppm Female

DAY ON TEST	0740	0658	0740	0740	0546	0741	0737	0741	0741	0452	0741	0634	0736	0635	0736	0736	0740	0635	0740	0740	0722	0739	0739	0722	0635	
ANIMAL ID	0035 1	0035 2	0035 3	0035 4	0035 5	0035 6	0035 7	0035 8	0035 9	0036 0	0036 1	0036 2	0036 3	0036 4	0036 5	0036 6	0036 7	0036 8	0036 9	0037 0	0037 1	0037 2	0037 3	0037 4	0037 5	females (cont...)
Adenocarcinoma, Multiple																										
Fibroadenoma		X							X			X	X		X							X		X		
Fibroadenoma, Multiple								X								X		X		X	X					
Leukemia Mononuclear														X												
Lymphoma Malignant										X																
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant										X																
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant										X																
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Mammary Gland																								X		
Leukemia Mononuclear														X												
Lymphoma Malignant										X																
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant										X																
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant										X																

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 1000 ppm Female																										
DAY ON TEST	0740	0658	0740	0740	0546	0741	0737	0741	0741	0452	0741	0634	0736	0635	0736	0736	0740	0635	0740	0740	0722	0739	0739	0722	0635	
ANIMAL ID	00351	00352	00353	00354	00355	00356	00357	00358	00359	00360	00361	00362	00363	00364	00365	00366	00367	00368	00369	00370	00371	00372	00373	00374	00375	**females (cont...)**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant										X																
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant										X																
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear														X												
Lymphoma Malignant										X																
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant										X																
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear														X												
Lymphoma Malignant										X																

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

1000 ppm Female

DAY ON TEST	0741	0552	0741	0545	0741	0652	0741	0739	0498	0739	0196	0273	0739	0739	0739	0740	0740	0740	0740	0617	0652	0736	0736	0736	0736	
ANIMAL ID	0037 6	0037 7	0037 8	0037 9	0038 0	0038 1	0038 2	0038 3	0038 4	0038 5	0038 6	0038 7	0038 8	0038 9	0039 0	0039 1	0039 2	0039 3	0039 4	0039 5	0039 6	0039 7	0039 8	0039 9	0040 0	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hepatocellular Adenoma										X																**1**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**
Mesentery																									+	**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

1000 ppm Female

DAY ON TEST	741	552	741	545	741	652	741	739	498	739	196	273	739	739	739	740	740	740	740	617	652	736	736	736	736		
ANIMAL ID	0376	0377	0378	0379	0380	0381	0382	0383	0384	0385	0386	0387	0388	0389	0390	0391	0392	0393	0394	0395	0396	0397	0398	0399	0400		* TOTALS
Lymphoma Malignant																											**1**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**50**
Leukemia Mononuclear																											**1**
Lymphoma Malignant																											**1**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**50**
Lymphoma Malignant																											**1**
CARDIOVASCULAR SYSTEM																											
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**50**
Leukemia Mononuclear																											**1**
ENDOCRINE SYSTEM																											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**50**
Leukemia Mononuclear																											**1**
Lymphoma Malignant																											**1**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**50**
Pheochromocytoma Benign	X																										**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**50**
Adenoma			X										X										X				**3**
Parathyroid Gland	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+		**47**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

1000 ppm Female

DAY ON TEST	0741	0552	0741	0545	0741	0652	0741	0739	0498	0739	0196	0273	0739	0739	0739	0740	0740	0740	0740	0617	0652	0736	0736	0736	0736	
ANIMAL ID	00376	00377	00378	00379	00380	00381	00382	00383	00384	00385	00386	00387	00388	00389	00390	00391	00392	00393	00394	00395	00396	00397	00398	00399	00400	* TOTALS
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**
Pars Distalis, Adenoma	X					X	X			X											X	X				**12**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
C-cell, Adenoma	X				X	X							X						X	X						**13**
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Lymphoma Malignant																										**1**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leiomyoma																										**1**
Lymphoma Malignant																										**1**
Polyp Stromal		X																	X						X	**5**
Polyp Stromal, Multiple					X				X																	**2**
Endometrium, Adenocarcinoma																										**1**
Vagina																				+						**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

1000 ppm Female

DAY ON TEST	741	552	741	545	741	652	741	739	498	739	196	273	739	739	739	740	740	740	740	617	652	736	736	736	736	
ANIMAL ID	0376	0377	0378	0379	0380	0381	0382	0383	0384	0385	0386	0387	0388	0389	0390	0391	0392	0393	0394	0395	0396	0397	0398	0399	0400	* TOTALS
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
Lymph Node																					+					**2**
Lumbar, Lymphoma Malignant																										**1**
Mediastinal, Lymphoma Malignant																										**1**
Pancreatic, Lymphoma Malignant																										**1**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma																								X		**3**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

DAY ON TEST	741	552	741	545	741	652	741	739	498	739	196	273	739	739	739	740	740	740	740	617	652	736	736	736	736	
HARLAN SPRAGUE DAWLEY RATS FEMALE																										
1000 ppm Female ANIMAL ID	0037 6	0037 7	0037 8	0037 9	0038 0	0038 1	0038 2	0038 3	0038 4	0038 5	0038 6	0038 7	0038 8	0038 9	0039 0	0039 1	0039 2	0039 3	0039 4	0039 5	0039 6	0039 7	0039 8	0039 9	0040 0	*** TOTALS**
Adenocarcinoma, Multiple									X																	**1**
Fibroadenoma	X	X	X	X			X												X			X	X			**15**
Fibroadenoma, Multiple										X					X					X						**8**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Mammary Gland									X																	**2**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

1000 ppm Female

DAY ON TEST	741	552	741	545	741	652	741	739	498	739	196	273	739	739	739	740	740	740	740	617	652	736	736	736	736	
ANIMAL ID	0376	0377	0378	0379	0380	0381	0382	0383	0384	0385	0386	0387	0388	0389	0390	0391	0392	0393	0394	0395	0396	0397	0398	0399	0400	* TOTALS
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																										**1**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Lymphoma Malignant																										**1**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																										**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 3000 ppm Female																										
DAY ON TEST	0639	0736	0736	0736	0618	0736	0736	0712	0741	0741	0741	0741	0739	0669	0739	0739	0740	0740	0740	0740	0739	0677	0739	0739	0740	
ANIMAL ID	0040 1	0040 2	0040 3	0040 4	0040 5	0040 6	0040 7	0040 8	0040 9	0041 0	0041 1	0041 2	0041 3	0041 4	0041 5	0041 6	0041 7	0041 8	0041 9	0042 0	0042 1	0042 2	0042 3	0042 4	0042 5	females (cont...)
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum Serosa, Adenocarcinoma, Metastatic, Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																						X				
Hepatocellular Adenoma									X																	
Leukemia Mononuclear								X																		
Mesentery																						+				
Adenocarcinoma, Metastatic, Uterus																						X				
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																						X				
Histiocytic Sarcoma, Metastatic, Uterus																										
Acinus, Adenoma																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 3000 ppm Female																										
DAY ON TEST	0639	0736	0736	0736	0618	0736	0736	0712	0741	0741	0741	0741	0739	0669	0739	0739	0740	0740	0740	0740	0739	0677	0739	0739	0740	
ANIMAL ID	0040 1	0040 2	0040 3	0040 4	0040 5	0040 6	0040 7	0040 8	0040 9	0041 0	0041 1	0041 2	0041 3	0041 4	0041 5	0041 6	0041 7	0041 8	0041 9	0042 0	0042 1	0042 2	0042 3	0042 4	0042 5	**females (cont...)**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear								X																		
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear								X																		
Capsule, Adenocarcinoma, Metastatic, Uterus																										
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pheochromocytoma Benign																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear								X																		
Pars Distalis, Adenoma							X						X			X			X		X					

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

3000 ppm Female

DAY ON TEST	0639	0736	0736	0736	0618	0736	0736	0712	0741	0741	0741	0741	0739	0669	0739	0739	0740	0740	0740	0740	0739	0677	0739	0739	0740	
ANIMAL ID	0040 1	0040 2	0040 3	0040 4	0040 5	0040 6	0040 7	0040 8	0040 9	0041 0	0041 1	0041 2	0041 3	0041 4	0041 5	0041 6	0041 7	0041 8	0041 9	0042 0	0042 1	0042 2	0042 3	0042 4	0042 5	**females (cont...)**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	
Bilateral, C-cell, Adenoma				X																						
C-cell, Adenoma						X		X		X					X						X					
Follicular Cell, Adenoma							X																			
GENERAL BODY SYSTEM																										
Peritoneum																										
Adenocarcinoma, Metastatic, Uterus																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																										
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Histiocytic Sarcoma																										
Polyp Stromal		X					X							X												
Polyp Stromal, Multiple																									X	
Schwannoma Malignant																										
Squamous Cell Carcinoma	X																									
Cervix, Adenocarcinoma																						X				
Cervix, Sarcoma Stromal																										
Cervix, Squamous Cell Carcinoma																										
Endometrium, Adenocarcinoma				X																						
Vagina																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 3000 ppm Female																										
DAY ON TEST	0639	0736	0736	0736	0618	0736	0736	0712	0741	0741	0741	0741	0739	0669	0739	0739	0740	0740	0740	0740	0739	0677	0739	0739	0740	females (cont...)
ANIMAL ID	0401	0402	0403	0404	0405	0406	0407	0408	0409	0410	0411	0412	0413	0414	0415	0416	0417	0418	0419	0420	0421	0422	0423	0424	0425	
Schwannoma Malignant, Metastatic, Uterus																										
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node																						+				
Lumbar, Adenocarcinoma, Metastatic, Uterus																						X				
Pancreatic, Adenocarcinoma, Metastatic, Uterus																						X				
Renal, Adenocarcinoma, Metastatic, Uterus																						X				
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																										
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																						X				
Leukemia Mononuclear								X																		
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma			X																				X			
Adenocarcinoma, Multiple							X							X												
Adenoma			X																							
Fibroadenoma				X					X	X			X				X	X			X			X		

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 3000 ppm Female																										
DAY ON TEST	0639	0736	0736	0736	0618	0736	0736	0712	0741	0741	0741	0741	0739	0669	0739	0739	0740	0740	0740	0740	0739	0677	0739	0739	0740	
ANIMAL ID	0040 1	0040 2	0040 3	0040 4	0040 5	0040 6	0040 7	0040 8	0040 9	0041 0	0041 1	0041 2	0041 3	0041 4	0041 5	0041 6	0041 7	0041 8	0041 9	0042 0	0042 1	0042 2	0042 3	0042 4	0042 5	**females (cont...)**
Fibroadenoma, Multiple		X																								
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Squamous Cell Papilloma							X																			
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cranium, Osteosarcoma								X																		
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Granular Cell Tumor Benign																										
Leukemia Mononuclear								X																		
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Mammary Gland														X												
Adenocarcinoma, Metastatic, Uterus																						X				
Alveolar/Bronchiolar Adenoma												X														
Leukemia Mononuclear								X																		
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nasolacrimal Duct, Squamous Cell Carcinoma																										
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

3000 ppm Female

DAY ON TEST	0639	0736	0736	0736	0618	0736	0736	0712	0741	0741	0741	0741	0739	0669	0739	0739	0740	0740	0740	0740	0739	0677	0739	0739	0740	females (cont...)
ANIMAL ID	0040 1	0040 2	0040 3	0040 4	0040 5	0040 6	0040 7	0040 8	0040 9	0041 0	0041 1	0041 2	0041 3	0041 4	0041 5	0041 6	0041 7	0041 8	0041 9	0042 0	0042 1	0042 2	0042 3	0042 4	0042 5	
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																						X				
Leukemia Mononuclear								X																		
Squamous Cell Carcinoma, Metastatic, Uterus	X																									
Ureter	+																									
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																						X				
Histiocytic Sarcoma, Metastatic, Uterus																										
Sarcoma Stromal, Metastatic, Uterus																										
Urothelium, Carcinoma											X															
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Histiocytic Sarcoma																										
Leukemia Mononuclear								X																		

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

3000 ppm Female

DAY ON TEST	0740	0740	0740	0739	0739	0522	0739	0727	0740	0651	0600	0523	0708	0410	0741	0641	0697	0741	0741	0741	0643	0741	0741	0741	0523	
ANIMAL ID	0042 6	0042 7	0042 8	0042 9	0043 0	0043 1	0043 2	0043 3	0043 4	0043 5	0043 6	0043 7	0043 8	0043 9	0044 0	0044 1	0044 2	0044 3	0044 4	0044 5	0044 6	0044 7	0044 8	0044 9	0045 0	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Serosa, Adenocarcinoma, Metastatic, Uterus								X																		**1**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Uterus																										**1**
Hepatocellular Adenoma																										**1**
Leukemia Mononuclear																										**1**
Mesentery								+																		**2**
Adenocarcinoma, Metastatic, Uterus								X																		**2**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Uterus								X																		**2**
Histiocytic Sarcoma, Metastatic, Uterus														X												**1**
Acinus, Adenoma		X																								**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 3000 ppm Female																										
DAY ON TEST	0740	0740	0740	0739	0739	0522	0739	0727	0740	0651	0600	0523	0708	0410	0741	0641	0697	0741	0741	0741	0643	0741	0741	0741	0523	
ANIMAL ID	0042 6	0042 7	0042 8	0042 9	0043 0	0043 1	0043 2	0043 3	0043 4	0043 5	0043 6	0043 7	0043 8	0043 9	0044 0	0044 1	0044 2	0044 3	0044 4	0044 5	0044 6	0044 7	0044 8	0044 9	0045 0	*** TOTALS**
Salivary Glands	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Leukemia Mononuclear																										**1**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Capsule, Adenocarcinoma, Metastatic, Uterus								X																		**1**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pheochromocytoma Benign							X																			**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parathyroid Gland	+	+	+	+	+	M	M	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	M	**41**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Pars Distalis, Adenoma									X	X								X								**8**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 3000 ppm Female																										
DAY ON TEST	0740	0740	0740	0739	0739	0522	0739	0727	0740	0651	0600	0523	0708	0410	0741	0641	0697	0741	0741	0741	0643	0741	0741	0741	0523	
ANIMAL ID	0042 6	0042 7	0042 8	0042 9	0043 0	0043 1	0043 2	0043 3	0043 4	0043 5	0043 6	0043 7	0043 8	0043 9	0044 0	0044 1	0044 2	0044 3	0044 4	0044 5	0044 6	0044 7	0044 8	0044 9	0045 0	* TOTALS
Thyroid Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Bilateral, C-cell, Adenoma																										**1**
C-cell, Adenoma		X		X															X			X				**9**
Follicular Cell, Adenoma																										**1**
GENERAL BODY SYSTEM																										
Peritoneum								+																		**1**
Adenocarcinoma, Metastatic, Uterus								X																		**1**
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenocarcinoma, Metastatic, Uterus								X																		**1**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Histiocytic Sarcoma														X												**1**
Polyp Stromal		X														X		X		X	X		X			**9**
Polyp Stromal, Multiple																										**1**
Schwannoma Malignant																	X									**1**
Squamous Cell Carcinoma																										**1**
Cervix, Adenocarcinoma								X																		**2**
Cervix, Sarcoma Stromal										X																**1**
Cervix, Squamous Cell Carcinoma																		X								**1**
Endometrium, Adenocarcinoma															X											**2**
Vagina																	+									**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 3000 ppm Female																										
DAY ON TEST	0740	0740	0740	0739	0739	0522	0739	0727	0740	0651	0600	0523	0708	0410	0741	0641	0697	0741	0741	0741	0643	0741	0741	0741	0523	
ANIMAL ID	0042 6	0042 7	0042 8	0042 9	0043 0	0043 1	0043 2	0043 3	0043 4	0043 5	0043 6	0043 7	0043 8	0043 9	0044 0	0044 1	0044 2	0044 3	0044 4	0044 5	0044 6	0044 7	0044 8	0044 9	0045 0	*** TOTALS**
Schwannoma Malignant, Metastatic, Uterus																	X									**1**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node													+													**2**
Lumbar, Adenocarcinoma, Metastatic, Uterus																										**1**
Pancreatic, Adenocarcinoma, Metastatic, Uterus																										**1**
Renal, Adenocarcinoma, Metastatic, Uterus																										**1**
Lymph Node, Mandibular	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Uterus								X																		**1**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Uterus								X																		**2**
Leukemia Mononuclear																										**1**
Thymus	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma																										**2**
Adenocarcinoma, Multiple																										**2**
Adenoma																										**1**
Fibroadenoma	X	X									X	X				X			X				X			**15**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 3000 ppm Female																										
DAY ON TEST	0740	0740	0740	0739	0739	0522	0739	0727	0740	0651	0600	0523	0708	0410	0741	0641	0697	0741	0741	0741	0643	0741	0741	0741	0523	
ANIMAL ID	0042 6	0042 7	0042 8	0042 9	0043 0	0043 1	0043 2	0043 3	0043 4	0043 5	0043 6	0043 7	0043 8	0043 9	0044 0	0044 1	0044 2	0044 3	0044 4	0044 5	0044 6	0044 7	0044 8	0044 9	0045 0	*** TOTALS**
Fibroadenoma, Multiple													X												X	**3**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Squamous Cell Papilloma																										**1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Cranium, Osteosarcoma																										**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Granular Cell Tumor Benign					X																					**1**
Leukemia Mononuclear																										**1**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Mammary Gland																										**1**
Adenocarcinoma, Metastatic, Uterus								X																		**2**
Alveolar/Bronchiolar Adenoma																										**1**
Leukemia Mononuclear																										**1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Nasolacrimal Duct, Squamous Cell Carcinoma															X											**1**
Trachea	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
SPECIAL SENSES SYSTEM																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

3000 ppm Female

DAY ON TEST	740	740	740	739	739	522	739	727	740	651	600	523	708	410	741	641	697	741	741	741	643	741	741	741	523	
ANIMAL ID	0426	0427	0428	0429	0430	0431	0432	0433	0434	0435	0436	0437	0438	0439	0440	0441	0442	0443	0444	0445	0446	0447	0448	0449	0450	* TOTALS
Eye	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Harderian Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Uterus																										**1**
Leukemia Mononuclear																										**1**
Squamous Cell Carcinoma, Metastatic, Uterus																										**1**
Ureter																										**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Uterus								X																		**2**
Histiocytic Sarcoma, Metastatic, Uterus														X												**1**
Sarcoma Stromal, Metastatic, Uterus										X																**1**
Urothelium, Carcinoma																										**1**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Histiocytic Sarcoma														X												**1**
Leukemia Mononuclear																										**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 10000 ppm Female																										
DAY ON TEST	0736	0740	0485	0740	0489	0585	0741	0741	0739	0739	0739	0643	0716	0739	0739	0739	0739	0652	0613	0739	0736	0736	0736	0736	0741	
ANIMAL ID	0045 1	0045 2	0045 3	0045 4	0045 5	0045 6	0045 7	0045 8	0045 9	0046 0	0046 1	0046 2	0046 3	0046 4	0046 5	0046 6	0046 7	0046 8	0046 9	0047 0	0047 1	0047 2	0047 3	0047 4	0047 5	females (cont...)
ALIMENTARY SYSTEM																										
Esophagus	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																										
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Kidney													X													
Hepatocellular Adenoma				X			X		X	X				X						X			X			
Hepatocellular Adenoma, Multiple																		X								
Hepatocellular Carcinoma																										
Leukemia Mononuclear					X																					
Lymphoma Malignant																										
Sarcoma, Metastatic, Pancreas									X																	
Mesentery																										
Carcinoma, Metastatic, Pancreas																										
Lymphoma Malignant																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 10000 ppm Female																										
DAY ON TEST	0736	0740	0485	0740	0489	0585	0741	0741	0739	0739	0739	0643	0716	0739	0739	0739	0739	0652	0613	0739	0736	0736	0736	0736	0741	
ANIMAL ID	0045 1	0045 2	0045 3	0045 4	0045 5	0045 6	0045 7	0045 8	0045 9	0046 0	0046 1	0046 2	0046 3	0046 4	0046 5	0046 6	0046 7	0046 8	0046 9	0047 0	0047 1	0047 2	0047 3	0047 4	0047 5	females (cont...)
Pancreas	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																										
Sarcoma									X																	
Acinus, Adenoma		X																								
Acinus, Carcinoma																										
Salivary Glands	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																										
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																										
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Histiocytic Sarcoma																										
Lymphoma Malignant																										
CARDIOVASCULAR SYSTEM																										
Blood Vessel	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																										
Heart	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Histiocytic Sarcoma																										
Leukemia Mononuclear					X																					
Lymphoma Malignant																										
Schwannoma Malignant																X										
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

10000 ppm Female

DAY ON TEST	0736	0740	0485	0740	0489	0585	0741	0741	0739	0739	0739	0643	0716	0739	0739	0739	0739	0652	0613	0739	0736	0736	0736	0736	0741
ANIMAL ID	0045 1	0045 2	0045 3	0045 4	0045 5	0045 6	0045 7	0045 8	0045 9	0046 0	0046 1	0046 2	0046 3	0046 4	0046 5	0046 6	0046 7	0046 8	0046 9	0047 0	0047 1	0047 2	0047 3	0047 4	0047 5
Histiocytic Sarcoma																									
Leukemia Mononuclear					X																				
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign										X							X								
Islets, Pancreatic	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																	X								
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma																						X			X
Thyroid Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
C-cell, Adenoma		X		X						X															
Follicular Cell, Adenoma			X																						
GENERAL BODY SYSTEM																									
Peritoneum																			+						
GENITAL SYSTEM																									
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																									

females (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

10000 ppm Female

DAY ON TEST	0736	0740	0485	0740	0489	0585	0741	0741	0739	0739	0739	0643	0716	0739	0739	0739	0739	0652	0613	0739	0736	0736	0736	0736	0741
ANIMAL ID	0045 1	0045 2	0045 3	0045 4	0045 5	0045 6	0045 7	0045 8	0045 9	0046 0	0046 1	0046 2	0046 3	0046 4	0046 5	0046 6	0046 7	0046 8	0046 9	0047 0	0047 1	0047 2	0047 3	0047 4	0047 5
Lymphoma Malignant																									
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Pancreas																									
Leukemia Mononuclear					X																				
Lymphoma Malignant																									
Polyp Stromal									X				X		X					X				X	
Polyp Stromal, Multiple																		X							
Sarcoma Stromal																		X							
Squamous Cell Papilloma																									
Squamous Cell Papilloma, Multiple																									
Cervix, Squamous Cell Carcinoma																			X						
Endometrium, Adenocarcinoma	X	X					X	X	X						X								X		
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
Lymph Node	+																	+							
Lumbar, Adenocarcinoma, Metastatic, Uterus	X																								
Mediastinal, Histiocytic Sarcoma																									
Mediastinal, Lymphoma Malignant																									
Renal, Adenocarcinoma, Metastatic, Uterus	X																								
Lymph Node, Mandibular	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																									
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear					X																				

females (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 10000 ppm Female																										
DAY ON TEST	0736	0740	0485	0740	0489	0585	0741	0741	0739	0739	0739	0643	0716	0739	0739	0739	0739	0652	0613	0739	0736	0736	0736	0736	0741	
ANIMAL ID	0045 1	0045 2	0045 3	0045 4	0045 5	0045 6	0045 7	0045 8	0045 9	0046 0	0046 1	0046 2	0046 3	0046 4	0046 5	0046 6	0046 7	0046 8	0046 9	0047 0	0047 1	0047 2	0047 3	0047 4	0047 5	females (cont...)
Lymphoma Malignant																										
Sarcoma, Metastatic, Pancreas									X																	
Spleen	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Pancreas																										
Leukemia Mononuclear					X																					
Lymphoma Malignant																										
Thymus	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	
Histiocytic Sarcoma																										
Leukemia Mononuclear					X																					
Lymphoma Malignant																										
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma																										
Fibroadenoma			X			X	X																	X		
Fibroadenoma, Multiple												X														
Histiocytic Sarcoma																										
Lymphoma Malignant																										
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Keratoacanthoma																										
Leukemia Mononuclear					X																					
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 10000 ppm Female																										
DAY ON TEST	0736	0740	0485	0740	0489	0585	0741	0741	0739	0739	0739	0643	0716	0739	0739	0739	0739	0652	0613	0739	0736	0736	0736	0736	0741	
ANIMAL ID	0045 1	0045 2	0045 3	0045 4	0045 5	0045 6	0045 7	0045 8	0045 9	0046 0	0046 1	0046 2	0046 3	0046 4	0046 5	0046 6	0046 7	0046 8	0046 9	0047 0	0047 1	0047 2	0047 3	0047 4	0047 5	females (cont...)
Skeletal Muscle									+																	
Carcinoma, Metastatic, Pancreas																										
Lymphoma Malignant																										
Sarcoma, Metastatic, Pancreas									X																	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear					X																					
Lymphoma Malignant																										
Pineal Gland, Carcinoma																						X				
Peripheral Nerve					+																					
Spinal Cord					+																					
Leukemia Mononuclear					X																					
RESPIRATORY SYSTEM																										
Lung	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Kidney													X													
Carcinoma, Metastatic, Pancreas																										
Histiocytic Sarcoma																										
Leukemia Mononuclear					X																					
Lymphoma Malignant																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																										
Trachea	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 10000 ppm Female																										
DAY ON TEST	0736	0740	0485	0740	0489	0585	0741	0741	0739	0739	0739	0643	0716	0739	0739	0739	0739	0652	0613	0739	0736	0736	0736	0736	0741	
ANIMAL ID	0045 1	0045 2	0045 3	0045 4	0045 5	0045 6	0045 7	0045 8	0045 9	0046 0	0046 1	0046 2	0046 3	0046 4	0046 5	0046 6	0046 7	0046 8	0046 9	0047 0	0047 1	0047 2	0047 3	0047 4	0047 5	females (cont...)
Lymphoma Malignant																										
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear					X																					
Lymphoma Malignant																										
Harderian Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																										
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Pancreas																										
Histiocytic Sarcoma																										
Leukemia Mononuclear					X																					
Lymphoma Malignant																										
Renal Tubule, Carcinoma													X													
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus	X																									
Lymphoma Malignant																										
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Histiocytic Sarcoma																										
Leukemia Mononuclear					X																					
Lymphoma Malignant																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

10000 ppm Female

DAY ON TEST	741	741	741	741	662	404	474	603	596	475	642	740	740	740	740	741	741	656	642	662	736	736	736	740	663	
ANIMAL ID	0046	0047	0048	0049	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	0070	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	**48**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	**48**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																				X						**1**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**48**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	**48**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**48**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Carcinoma, Metastatic, Kidney																										**1**
Hepatocellular Adenoma	X	X			X																X					**11**
Hepatocellular Adenoma, Multiple														X												**2**
Hepatocellular Carcinoma		X											X													**2**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																				X						**1**
Sarcoma, Metastatic, Pancreas																										**1**
Mesentery																		+		+						**2**
Carcinoma, Metastatic, Pancreas																		X								**1**
Lymphoma Malignant																				X						**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

10000 ppm Female

DAY ON TEST	0741	0741	0741	0741	0662	0404	0474	0603	0596	0475	0642	0740	0740	0740	0740	0741	0741	0656	0642	0662	0736	0736	0736	0740	0663	
ANIMAL ID	0047 6	0047 7	0047 8	0047 9	0048 0	0048 1	0048 2	0048 3	0048 4	0048 5	0048 6	0048 7	0048 8	0048 9	0049 0	0049 1	0049 2	0049 3	0049 4	0049 5	0049 6	0049 7	0049 8	0049 9	0050 0	* TOTALS
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**47**
Lymphoma Malignant																				X						**1**
Sarcoma																										**1**
Acinus, Adenoma																										**1**
Acinus, Carcinoma																		X								**1**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Lymphoma Malignant																				X						**1**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																				X						**1**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Histiocytic Sarcoma											X															**1**
Lymphoma Malignant																				X						**1**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Lymphoma Malignant																				X						**1**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Histiocytic Sarcoma											X															**1**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																				X						**1**
Schwannoma Malignant																										**1**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

10000 ppm Female

DAY ON TEST	0741	0741	0741	0741	0662	0404	0474	0603	0596	0475	0642	0740	0740	0740	0740	0741	0741	0656	0642	0662	0736	0736	0736	0740	0663	
ANIMAL ID	0047 6	0047 7	0047 8	0047 9	0048 0	0048 1	0048 2	0048 3	0048 4	0048 5	0048 6	0048 7	0048 8	0048 9	0049 0	0049 1	0049 2	0049 3	0049 4	0049 5	0049 6	0049 7	0049 8	0049 9	0050 0	* TOTALS
Histiocytic Sarcoma											X															**1**
Leukemia Mononuclear																										**1**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pheochromocytoma Benign																										**2**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	**48**
Adenoma		X																								**2**
Parathyroid Gland	M	+	+	+	+	M	+	+	M	+	M	+	M	+	M	+	+	+	+	+	+	+	+	+	+	**43**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Adenoma								X																		**3**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Lymphoma Malignant																				X						**1**
C-cell, Adenoma																							X			**4**
Follicular Cell, Adenoma																										**1**
GENERAL BODY SYSTEM																										
Peritoneum																										**1**
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Lymphoma Malignant																				X						**1**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	**48**
Hemangiosarcoma																									X	**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

10000 ppm Female

DAY ON TEST	0741	0741	0741	0741	0662	0404	0474	0603	0596	0475	0642	0740	0740	0740	0740	0741	0741	0656	0642	0662	0736	0736	0736	0740	0663	
ANIMAL ID	0047 6	0047 7	0047 8	0047 9	0048 0	0048 1	0048 2	0048 3	0048 4	0048 5	0048 6	0048 7	0048 8	0048 9	0049 0	0049 1	0049 2	0049 3	0049 4	0049 5	0049 6	0049 7	0049 8	0049 9	0050 0	* TOTALS
Lymphoma Malignant																				X						**1**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	**49**
Carcinoma, Metastatic, Pancreas																		X								**1**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																				X						**1**
Polyp Stromal												X											X			**7**
Polyp Stromal, Multiple																										**1**
Sarcoma Stromal																										**1**
Squamous Cell Papilloma														X												**1**
Squamous Cell Papilloma, Multiple				X																						**1**
Cervix, Squamous Cell Carcinoma																										**1**
Endometrium, Adenocarcinoma												X				X	X									**10**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																				X						**1**
Lymph Node											+									+						**4**
Lumbar, Adenocarcinoma, Metastatic, Uterus																										**1**
Mediastinal, Histiocytic Sarcoma											X															**1**
Mediastinal, Lymphoma Malignant																				X						**1**
Renal, Adenocarcinoma, Metastatic, Uterus																										**1**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Lymphoma Malignant																				X						**1**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	**48**
Leukemia Mononuclear																										**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

10000 ppm Female

DAY ON TEST	0741	0741	0741	0741	0662	0404	0474	0603	0596	0475	0642	0740	0740	0740	0740	0741	0741	0656	0642	0662	0736	0736	0736	0740	0663	
ANIMAL ID	0047 6	0047 7	0047 8	0047 9	0048 0	0048 1	0048 2	0048 3	0048 4	0048 5	0048 6	0048 7	0048 8	0048 9	0049 0	0049 1	0049 2	0049 3	0049 4	0049 5	0049 6	0049 7	0049 8	0049 9	0050 0	* TOTALS
Lymphoma Malignant																				X						**1**
Sarcoma, Metastatic, Pancreas																										**1**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	**47**
Carcinoma, Metastatic, Pancreas																		X								**1**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																				X						**1**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Histiocytic Sarcoma											X															**1**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																				X						**1**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma						X			X		X															**3**
Fibroadenoma	X	X			X		X																X			**9**
Fibroadenoma, Multiple														X					X							**3**
Histiocytic Sarcoma											X															**1**
Lymphoma Malignant																				X						**1**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Keratoacanthoma				X																						**1**
Leukemia Mononuclear																										**1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

10000 ppm Female

DAY ON TEST	0741	0741	0741	0741	0662	0404	0474	0603	0596	0475	0642	0740	0740	0740	0740	0741	0741	0656	0642	0662	0736	0736	0736	0740	0663	
ANIMAL ID	0047 6	0047 7	0047 8	0047 9	0048 0	0048 1	0048 2	0048 3	0048 4	0048 5	0048 6	0048 7	0048 8	0048 9	0049 0	0049 1	0049 2	0049 3	0049 4	0049 5	0049 6	0049 7	0049 8	0049 9	0050 0	* TOTALS
Skeletal Muscle																		+		+						**3**
Carcinoma, Metastatic, Pancreas																		X								**1**
Lymphoma Malignant																				X						**1**
Sarcoma, Metastatic, Pancreas																										**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																				X						**1**
Pineal Gland, Carcinoma																										**1**
Peripheral Nerve																										**1**
Spinal Cord																										**1**
Leukemia Mononuclear																										**1**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Carcinoma, Metastatic, Kidney																										**1**
Carcinoma, Metastatic, Pancreas																		X								**1**
Histiocytic Sarcoma											X															**1**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																				X						**1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																				X						**1**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE 10000 ppm Female																										
DAY ON TEST	0741	0741	0741	0741	0662	0404	0474	0603	0596	0475	0642	0740	0740	0740	0740	0741	0741	0656	0642	0662	0736	0736	0736	0740	0663	
ANIMAL ID	0047 6	0047 7	0047 8	0047 9	0048 0	0048 1	0048 2	0048 3	0048 4	0048 5	0048 6	0048 7	0048 8	0048 9	0049 0	0049 1	0049 2	0049 3	0049 4	0049 5	0049 6	0049 7	0049 8	0049 9	0050 0	*** TOTALS**
Lymphoma Malignant																				X						**1**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																				X						**1**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Lymphoma Malignant																				X						**1**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Carcinoma, Metastatic, Pancreas																		X								**1**
Histiocytic Sarcoma											X															**1**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																				X						**1**
Renal Tubule, Carcinoma																										**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	**47**
Adenocarcinoma, Metastatic, Uterus																										**1**
Lymphoma Malignant																				X						**1**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Histiocytic Sarcoma											X															**1**
Leukemia Mononuclear																										**1**
Lymphoma Malignant																				X						**1**

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

*** END OF REPORT ***