Final 1_HSD Rats

NTP Study Number:	C10188
Lock Date:	07/15/2015
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

Note: Animals arranged according to days on test.

HARLAN SPRAGUE DAWLEY RATS MALE 0 ppm Male																									
DAY ON TEST	0227	0328	0336	0436	0476	0530	0540	0547	0547	0577	0577	0579	0593	0597	0598	0608	0610	0642	0657	0673	0685	0696	0707	0708	0723
ANIMAL ID	00021	00028	00013	00047	00022	00012	00005	00006	00026	00025	00048	00023	00034	00050	00045	00018	00031	00020	00009	00046	00044	00001	00049	00039	00017
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma																						X			
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Carcinoma																			X						
Mesentery												+		+									+		+
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Adenoma																								X	
Acinus, Adenoma, Multiple																									
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Schwannoma Malignant							X	X																	
Schwannoma Malignant, Metastatic, Skin																		X							
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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	027	032	033	043	047	053	054	054	054	057	057	057	059	059	059	060	061	064	065	067	068	069	070	070	072	males (cont...)
ANIMAL ID	00021	00028	00013	00047	00022	00012	00005	00006	00026	00025	00048	00023	00034	00050	00045	00018	00031	00020	00009	00046	00044	00001	00049	00039	00017	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Schwannoma Malignant																										
Endocardium, Schwannoma Malignant																										
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pheochromocytoma Benign																										
Pheochromocytoma Complex															X											
Bilateral, Pheochromocytoma Benign																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma																										
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	M	M	+	+	M	+	M	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Schwannoma Malignant, Metastatic, Skin																		X								
Pars Distalis, Adenoma																			X							
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bilateral, C-cell, Adenoma																										
C-cell, Adenoma					X					X		X														
C-cell, Carcinoma																										

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
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BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 0 ppm Male																									
DAY ON TEST	027	028	036	046	047	053	054	054	054	057	057	057	059	059	059	060	061	064	065	067	068	069	070	070	072
ANIMAL ID	00021	00028	00013	00047	00022	00012	00005	00006	00026	00025	00048	00023	00034	00050	00045	00018	00031	00020	00009	00046	00044	00001	00049	00039	00017
GENERAL BODY SYSTEM																									
NONE																									
GENITAL SYSTEM																									
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Duct, Squamous Cell Papilloma																									
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Interstitial Cell, Adenoma																							X		X
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node				+																					
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Schwannoma Malignant, Metastatic, Skin																		X							
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	M	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+

males (cont...)

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HARLAN SPRAGUE DAWLEY RATS MALE 0 ppm Male																										
DAY ON TEST	027	028	036	046	047	053	054	054	054	057	057	057	059	059	059	060	061	064	065	067	068	069	070	070	072	males (cont...)
ANIMAL ID	00021	00028	00013	00047	00022	00012	00005	00006	00026	00025	00048	00023	00034	00050	00045	00018	00031	00020	00009	00046	00044	00001	00049	00039	00017	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma		X																								
Fibroadenoma						X																				
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Keratoacanthoma																				X						
Schwannoma Malignant																		X								
Squamous Cell Carcinoma																										
Trichoepithelioma																										
Subcutaneous Tissue, Fibroma																										
Subcutaneous Tissue, Liposarcoma													X													
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle			+																				+			
Sarcoma			X																							
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Meninges, Schwannoma Malignant, Metastatic, Salivary Glands							X																			
Peripheral Nerve															+		+									
Spinal Cord																	+									
RESPIRATORY SYSTEM																										

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M .. Missing tissue
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HARLAN SPRAGUE DAWLEY RATS MALE 0 ppm Male																										
DAY ON TEST	027	028	036	046	047	053	054	054	054	057	057	057	059	059	059	060	061	064	065	067	068	069	070	070	072	males (cont...)
ANIMAL ID	00021	00028	00013	00047	00022	00012	00005	00006	00026	00025	00048	00023	00034	00050	00045	00018	00031	00020	00009	00046	00044	00001	00049	00039	00017	
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Mammary Gland		X																								
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Sinus, Schwannoma Malignant, Metastatic, Skin																		X								
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Schwannoma Malignant, Metastatic, Skin																		X								
Optic Nerve, Schwannoma Malignant, Metastatic, Salivary Glands							X																			
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Schwannoma Malignant, Metastatic, Salivary Glands							X																			
Schwannoma Malignant, Metastatic, Skin																		X								
Zymbal's Gland										+																
Carcinoma										X																
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Renal Tubule, Adenoma																								X		
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SYSTEMIC LESIONS																										

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HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	027	028	036	046	047	053	054	054	054	057	057	057	059	059	059	060	061	064	065	067	068	069	070	070	072	males (cont...)
ANIMAL ID	00021	00028	00013	00047	00022	00012	00005	00006	00026	00025	00048	00023	00034	00050	00045	00018	00031	00020	00009	00046	00044	00001	00049	00039	00017	
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Mesothelioma Malignant													X													

HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	729	729	729	729	729	729	730	730	730	730	730	730	731	731	731	731	731	731	732	732	732	732	732	732	732	
ANIMAL ID	0003	0004	0011	0019	0024	0027	0016	0029	0030	0032	0033	0043	0002	0014	0037	0038	0041	0042	0007	0008	0010	0015	0035	0036	0040	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenocarcinoma													X													**2**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hepatocellular Carcinoma																										**1**
Mesentery																										**4**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Acinus, Adenoma					X			X	X																	**4**
Acinus, Adenoma, Multiple			X			X							X	X	X	X										**6**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Schwannoma Malignant																										**2**
Schwannoma Malignant, Metastatic, Skin																										**1**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

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M .. Missing tissue
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BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	729	729	729	729	729	729	730	730	730	730	730	730	731	731	731	731	731	731	732	732	732	732	732	732	732	
ANIMAL ID	0003	0004	0011	0019	0024	0027	0016	0029	0030	0032	0033	0043	0002	0014	0037	0038	0041	0042	0007	0008	0010	0015	0035	0036	0040	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Schwannoma Malignant						X																				**1**
Endocardium, Schwannoma Malignant																					X					**1**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pheochromocytoma Benign												X	X			X					X					**4**
Pheochromocytoma Complex																										**1**
Bilateral, Pheochromocytoma Benign			X																							**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma			X			X																				**2**
Parathyroid Gland	+	M	M	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	**42**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Schwannoma Malignant, Metastatic, Skin																										**1**
Pars Distalis, Adenoma																	X	X				X				**4**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Bilateral, C-cell, Adenoma													X													**1**
C-cell, Adenoma	X				X				X		X							X							X	**9**
C-cell, Carcinoma																									X	**1**

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BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE 0 ppm Male																										
DAY ON TEST	729	729	729	729	729	729	730	730	730	730	730	730	731	731	731	731	731	731	732	732	732	732	732	732	732	
ANIMAL ID	0003	0004	0011	0019	0024	0027	0016	0029	0030	0032	0033	0043	0002	0014	0037	0038	0041	0042	0007	0008	0010	0015	0035	0036	0040	* TOTALS
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Duct, Squamous Cell Papilloma		X																								**1**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Interstitial Cell, Adenoma		X																								**3**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node								+																		**2**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Schwannoma Malignant, Metastatic, Skin																										**1**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**

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X .. Lesion present
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M .. Missing tissue
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BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS MALE

0 ppm Male

DAY ON TEST	729	729	729	729	729	729	730	730	730	730	730	730	731	731	731	731	731	731	732	732	732	732	732	732	732	
ANIMAL ID	0003	0004	0011	0019	0024	0027	0016	0029	0030	0032	0033	0043	0002	0014	0037	0038	0041	0042	0007	0008	0010	0015	0035	0036	0040	* TOTALS
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenocarcinoma																										**1**
Fibroadenoma																	X									**2**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Keratoacanthoma																						X				**2**
Schwannoma Malignant								X																		**2**
Squamous Cell Carcinoma																									X	**1**
Trichoepithelioma																X										**1**
Subcutaneous Tissue, Fibroma	X			X																					X	**3**
Subcutaneous Tissue, Liposarcoma																										**1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skeletal Muscle																										**2**
Sarcoma																										**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Meninges, Schwannoma Malignant, Metastatic, Salivary Glands																										**1**
Peripheral Nerve												+														**3**
Spinal Cord																										**1**
RESPIRATORY 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	729	729	729	729	729	729	730	730	730	730	730	730	731	731	731	731	731	731	732	732	732	732	732	732	732	
ANIMAL ID	0003	0004	0011	0019	0024	0027	0016	0029	0030	0032	0033	0043	0002	0014	0037	0038	0041	0042	0007	0008	0010	0015	0035	0036	0040	* TOTALS
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Mammary Gland																										**1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Sinus, Schwannoma Malignant, Metastatic, Skin																										**1**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Schwannoma Malignant, Metastatic, Skin																										**1**
Optic Nerve, Schwannoma Malignant, Metastatic, Salivary Glands																										**1**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Schwannoma Malignant, Metastatic, Salivary Glands																										**1**
Schwannoma Malignant, Metastatic, Skin																										**1**
Zymbal's Gland																										**1**
Carcinoma																										**1**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
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

0 ppm Male

DAY ON TEST	729	729	729	729	729	729	730	730	730	730	730	730	731	731	731	731	731	731	732	732	732	732	732	732	732	
ANIMAL ID	0003	0004	0011	0019	0024	0027	0016	0029	0030	0032	0033	0043	0002	0014	0037	0038	0041	0042	0007	0008	0010	0015	0035	0036	0040	* TOTALS
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
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

300 ppm Male

DAY ON TEST	0314	0359	0486	0542	0545	0546	0577	0595	0631	0638	0663	0667	0673	0690	0708	0708	0729	0729	0729	0729	0729	0729	0729	0729	0729	
ANIMAL ID	00051	00090	00053	00095	00055	00056	00094	00093	00064	00060	00070	00057	00075	00100	00069	00085	00058	00059	00065	00066	00067	00068	00074	00091	00092	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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrosarcoma, Metastatic, Skin											X															
Hepatocellular Adenoma																		X								
Mesentery						+										+										
Schwannoma Malignant						X																				
Oral Mucosa																										
Squamous Cell Papilloma																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acinus, Adenoma																							X	X		
Acinus, Adenoma, Multiple																					X					
Salivary Glands	+	+	+	+	+	+	+	+	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

DAY ON TEST	0314	0359	0486	0542	0545	0546	0577	0595	0631	0638	0663	0667	0673	0690	0708	0708	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	
ANIMAL ID	00051	00090	00053	00095	00055	00056	00094	00093	00064	00060	00070	00057	00075	00100	00069	00085	00058	00059	00065	00066	00067	00068	00074	00091	00092		**males (cont...)**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
CARDIOVASCULAR SYSTEM																											
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
ENDOCRINE SYSTEM																											
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Pheochromocytoma Benign									X																		
Pheochromocytoma Malignant																											
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Adenoma														X										X			
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+	M	+	+	+	M	+	M	+	M	+	+	+	+	+	M		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Pars Distalis, Adenoma													X	X					X								
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Bilateral, C-cell, Adenoma																											
C-cell, Adenoma			X				X		X		X				X		X			X	X						
C-cell, Adenoma, Multiple																											
C-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 300 ppm Male																									
DAY ON TEST	0314	0359	0486	0542	0545	0546	0577	0595	0631	0638	0663	0667	0673	0690	0708	0708	0729	0729	0729	0729	0729	0729	0729	0729	0729
ANIMAL ID	00051	00090	00053	00095	00055	00056	00094	00093	00064	00060	00070	00057	00075	00100	00069	00085	00058	00059	00065	00066	00067	00068	00074	00091	00092
GENERAL BODY SYSTEM																									
NONE																									
GENITAL SYSTEM																									
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosarcoma, Metastatic, Skin											X														
Squamous Cell Papilloma																									
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Interstitial Cell, Adenoma																									
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node												+													
Lymph Node, Mandibular	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	+	+	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																										
DAY ON TEST	0314	0359	0486	0542	0545	0546	0577	0595	0631	0638	0663	0667	0673	0690	0708	0708	0729	0729	0729	0729	0729	0729	0729	0729	0729	males (cont...)
ANIMAL ID	00051	00090	00053	00095	00055	00056	00094	00093	00064	00060	00070	00057	00075	00100	00069	00085	00058	00059	00065	00066	00067	00068	00074	00091	00092	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma																	X									
Fibroadenoma																					X					
Skin	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Keratoacanthoma																					X		X			
Subcutaneous Tissue, Fibrolipoma																										
Subcutaneous Tissue, Fibroma									X									X							X	
Subcutaneous Tissue, Fibroma, Multiple																										
Subcutaneous Tissue, Fibrosarcoma							X				X															
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Glioma Malignant																										
Glioma Malignant, Mixed Cell										X																
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
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 MALE **300 ppm Male**																										
DAY ON TEST	0314	0359	0486	0542	0545	0546	0577	0595	0631	0638	0663	0667	0673	0690	0708	0708	0729	0729	0729	0729	0729	0729	0729	0729	0729	**males (cont...)**
ANIMAL ID	00051	00090	00053	00095	00055	00056	00094	00093	00064	00060	00070	00057	00075	00100	00069	00085	00058	00059	00065	00066	00067	00068	00074	00091	00092	
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Renal Tubule, Adenoma, Amphophilic Vacuolar																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Histiocytic Sarcoma									X																	
Leukemia Mononuclear					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

300 ppm Male

DAY ON TEST	730	730	730	730	730	730	730	730	730	731	731	731	731	731	731	731	732	732	732	732	732	732	732	732	
ANIMAL ID	0063	0077	0078	0079	0080	0089	0096	0097	0098	0061	0062	0071	0072	0076	0081	0082	0052	0054	0083	0084	0086	0087	0088	0099	* TOTALS
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenocarcinoma																									**1**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Fibrosarcoma, Metastatic, Skin																									**1**
Hepatocellular Adenoma																									**1**
Mesentery																									**2**
Schwannoma Malignant																									**1**
Oral Mucosa																						+			**1**
Squamous Cell Papilloma																						X			**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Acinus, Adenoma												X				X									**4**
Acinus, Adenoma, Multiple		X						X																	**3**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**

* .. 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	730	730	730	730	730	730	730	730	730	731	731	731	731	731	731	732	732	732	732	732	732	732	732	
ANIMAL ID	0063	0077	0078	0079	0080	0089	0096	0097	0098	0061	0062	0071	0072	0076	0081	0082	0052	0054	0083	0084	0086	0087	0088	0099	* TOTALS
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Pheochromocytoma Benign	X				X											X									**4**
Pheochromocytoma Malignant							X																		**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenoma																									**2**
Parathyroid Gland	+	+	M	M	+	+	+	M	+	M	M	M	M	M	+	+	+	M	+	M	+	+	M	+	**32**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Pars Distalis, Adenoma			X														X					X			**6**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Bilateral, C-cell, Adenoma																			X						**1**
C-cell, Adenoma	X								X												X	X	X	X	**14**
C-cell, Adenoma, Multiple																	X								**1**
C-cell, Carcinoma													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	0730	0730	0730	0730	0730	0730	0730	0730	0730	0731	0731	0731	0731	0731	0731	0731	0732	0732	0732	0732	0732	0732	0732	0732	
ANIMAL ID	00063	00077	00078	00079	00080	00089	00096	00097	00098	00061	00062	00071	00072	00076	00081	00082	00052	00054	00083	00084	00086	00087	00088	00099	* TOTALS
GENERAL BODY SYSTEM																									
NONE																									
GENITAL SYSTEM																									
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Fibrosarcoma, Metastatic, Skin																									**1**
Squamous Cell Papilloma						X																			**1**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Interstitial Cell, Adenoma																						X			**1**
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Lymph Node																									**1**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Thymus	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**

* .. 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	730	730	730	730	730	730	730	730	730	731	731	731	731	731	731	731	732	732	732	732	732	732	732	732	
ANIMAL ID	0063	0077	0078	0079	0080	0089	0096	0097	0098	0061	0062	0071	0072	0076	0081	0082	0052	0054	0083	0084	0086	0087	0088	0099	* TOTALS
INTEGUMENTARY SYSTEM																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Adenocarcinoma																									**1**
Fibroadenoma																									**1**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Keratoacanthoma														X											**3**
Subcutaneous Tissue, Fibrolipoma														X											**1**
Subcutaneous Tissue, Fibroma														X							X			X	**6**
Subcutaneous Tissue, Fibroma, Multiple			X																						**1**
Subcutaneous Tissue, Fibrosarcoma																									**2**
MUSCULOSKELETAL SYSTEM																									
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Glioma Malignant																			X						**1**
Glioma Malignant, Mixed Cell																									**1**
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**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 MALE

300 ppm Male

DAY ON TEST	730	730	730	730	730	730	730	730	730	731	731	731	731	731	731	732	732	732	732	732	732	732	732		
ANIMAL ID	00063	00077	00078	00079	00080	00089	00096	00097	00098	00061	00062	00071	00072	00076	00081	00082	00052	00054	00083	00084	00086	00087	00088	00099	* TOTALS
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Renal Tubule, Adenoma, Amphophilic Vacuolar			X																						**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
SYSTEMIC LESIONS																									
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Histiocytic Sarcoma																						X			**2**
Leukemia Mononuclear																									**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	0512	0557	0617	0645	0669	0675	0694	0694	0698	0708	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0730	0730	0730	0730	0730	
ANIMAL ID	0012 7	0012 3	0011 0	0012 5	0013 0	0010 8	0013 8	0014 2	0012 1	0014 8	0010 6	0010 9	0011 1	0011 2	0011 7	0011 8	0012 2	0012 6	0012 9	0014 1	0010 7	0011 5	0011 6	0012 4	0013 3	males (cont...)
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hepatocholangiocarcinoma																										
Mesentery				+				+																		
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acinus, Adenoma									X																	
Acinus, Adenoma, Multiple												X														
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Sarcoma															X											
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. 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	0512	0557	0617	0645	0669	0675	0694	0694	0698	0708	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0730	0730	0730	0730	0730	
ANIMAL ID	00127	00123	00110	00125	00130	00108	00138	00142	00121	00148	00106	00109	00111	00112	00117	00118	00122	00126	00129	00141	00107	00115	00116	00124	00133	males (cont...)
Tongue				+																						
Squamous Cell Papilloma																										
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Schwannoma Malignant							X																			
Valve, Hemangioma						X																				
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pheochromocytoma Benign																			X	X				X		
Pheochromocytoma Malignant			X																							
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma						X						X										X				
Parathyroid Gland	+	+	+	+	M	+	M	M	+	M	+	+	+	M	+	+	+	M	+	M	+	+	+	M	M	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Adenoma									X					X								X				
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Sarcoma, Metastatic, Salivary Glands																										
Bilateral, C-cell, Adenoma																										
C-cell, Adenoma		X							X			X		X	X				X			X		X		
C-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 1000 ppm Male																										
DAY ON TEST	0512	0557	0617	0645	0669	0675	0694	0694	0698	0708	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0730	0730	0730	0730	0730	
ANIMAL ID	0012 7	0012 3	0011 0	0012 5	0013 0	0010 8	0013 8	0014 2	0012 1	0014 8	0010 6	0010 9	0011 1	0011 2	0011 7	0011 8	0012 2	0012 6	0012 9	0014 1	0010 7	0011 5	0011 6	0012 4	0013 3	males (cont...)
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Interstitial Cell, Adenoma																										
Interstitial Cell, Adenoma, Multiple																										
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node					+					+	+														+	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemangiosarcoma							X																			
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemangiosarcoma																										

* .. 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	0512	0557	0617	0645	0669	0675	0694	0694	0698	0708	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0730	0730	0730	0730	0730
ANIMAL ID	0012 7	0012 3	0011 0	0012 5	0013 0	0010 8	0013 8	0014 2	0012 1	0014 8	0010 6	0010 9	0011 1	0011 2	0011 7	0011 8	0012 2	0012 6	0012 9	0014 1	0010 7	0011 5	0011 6	0012 4	0013 3
Thymus	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
INTEGUMENTARY SYSTEM																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibroadenoma																									
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma															X										
Subcutaneous Tissue, Fibroma									X						X										
Subcutaneous Tissue, Fibroma, Multiple																						X			
Subcutaneous Tissue, Fibrosarcoma																									
Subcutaneous Tissue, Lipoma																	X								
MUSCULOSKELETAL SYSTEM																									
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Glioma Malignant																									
Oligodendroglioma Malignant													X												
Peripheral Nerve														+											
RESPIRATORY SYSTEM																									
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Malignant, Metastatic, Adrenal Medulla			X																						
Sarcoma, Metastatic, Salivary Glands																									

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	0512	0557	0617	0645	0669	0675	0694	0694	0698	0708	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0730	0730	0730	0730	0730	
ANIMAL ID	00127	00123	00110	00125	00130	00108	00138	00142	00121	00148	00106	00109	00111	00112	00117	00118	00122	00126	00129	00141	00107	00115	00116	00124	00133	males (cont...)
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lipoma													X													
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Granulocytic	X																									
Leukemia Mononuclear					X						X		X													
Lymphoma Malignant					X								X													
Mesothelioma 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

1000 ppm Male

DAY ON TEST	730	730	730	730	730	731	731	731	731	731	731	731	731	731	731	732	732	732	732	732	732	732	732	732	732	
ANIMAL ID	0013 4	0014 5	0014 6	0014 9	0015 0	0011 3	0011 4	0013 1	0013 2	0013 5	0013 6	0013 9	0014 0	0014 3	0014 4	0010 1	0010 2	0010 3	0010 4	0010 5	0011 9	0012 0	0012 8	0013 7	0014 7	* 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**
Hepatocholangiocarcinoma																X										**1**
Mesentery																										**2**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Acinus, Adenoma															X	X					X					**4**
Acinus, Adenoma, Multiple	X												X									X				**4**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Sarcoma										X																**2**
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 MALE

1000 ppm Male

DAY ON TEST	730	730	730	730	730	731	731	731	731	731	731	731	731	731	731	732	732	732	732	732	732	732	732	732	732	
ANIMAL ID	0013 4	0014 5	0014 6	0014 9	0015 0	0011 3	0011 4	0013 1	0013 2	0013 5	0013 6	0013 9	0014 0	0014 3	0014 4	0010 1	0010 2	0010 3	0010 4	0010 5	0011 9	0012 0	0012 8	0013 7	0014 7	* TOTALS
Tongue									+																	**2**
Squamous Cell Papilloma									X																	**1**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Schwannoma Malignant																								X		**2**
Valve, Hemangioma																										**1**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pheochromocytoma Benign																	X						X			**5**
Pheochromocytoma Malignant																										**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma													X	X						X	X					**7**
Parathyroid Gland	M	+	+	M	+	M	+	M	+	+	+	+	+	+	+	M	M	+	M	+	+	+	M	M	M	**31**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Adenoma							X		X						X						X					**7**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Sarcoma, Metastatic, Salivary Glands										X																**1**
Bilateral, C-cell, Adenoma				X																			X			**2**
C-cell, Adenoma		X									X					X			X	X					X	**14**
C-cell, Carcinoma						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	0730	0730	0730	0730	0730	0731	0731	0731	0731	0731	0731	0731	0731	0731	0731	0732	0732	0732	0732	0732	0732	0732	0732	0732	0732
ANIMAL ID	0013 4	0014 5	0014 6	0014 9	0015 0	0011 3	0011 4	0013 1	0013 2	0013 5	0013 6	0013 9	0014 0	0014 3	0014 4	0010 1	0010 2	0010 3	0010 4	0010 5	0011 9	0012 0	0012 8	0013 7	0014 7
GENERAL BODY SYSTEM																									
NONE																									
GENITAL SYSTEM																									
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Interstitial Cell, Adenoma					X															X					
Interstitial Cell, Adenoma, Multiple							X																		
HEMATOPOIETIC SYSTEM																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node						+																	+		
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																									
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																X									

	* TOTALS
GENERAL BODY SYSTEM	
NONE	
GENITAL SYSTEM	
Epididymis	**50**
Preputial Gland	**50**
Prostate	**50**
Seminal Vesicle	**50**
Testis	**50**
Interstitial Cell, Adenoma	**2**
Interstitial Cell, Adenoma, Multiple	**1**
HEMATOPOIETIC SYSTEM	
Bone Marrow	**50**
Lymph Node	**6**
Lymph Node, Mandibular	**49**
Lymph Node, Mesenteric	**49**
Hemangiosarcoma	**1**
Spleen	**50**
Hemangiosarcoma	**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 1000 ppm Male																										
DAY ON TEST	0730	0730	0730	0730	0730	0731	0731	0731	0731	0731	0731	0731	0731	0731	0731	0732	0732	0732	0732	0732	0732	0732	0732	0732	0732	
ANIMAL ID	00134	00145	00146	00149	00150	00113	00114	00131	00132	00135	00136	00139	00140	00143	00144	00101	00102	00103	00104	00105	00119	00120	00128	00137	00147	* TOTALS
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibroadenoma												X						X								**2**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Squamous Cell Papilloma																										**1**
Subcutaneous Tissue, Fibroma		X																								**3**
Subcutaneous Tissue, Fibroma, Multiple																										**1**
Subcutaneous Tissue, Fibrosarcoma																X										**1**
Subcutaneous Tissue, Lipoma																										**1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Glioma Malignant																									X	**1**
Oligodendroglioma Malignant																										**1**
Peripheral Nerve																										**1**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pheochromocytoma Malignant, Metastatic, Adrenal Medulla																										**1**
Sarcoma, Metastatic, Salivary Glands										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

1000 ppm Male

DAY ON TEST	730	730	730	730	730	731	731	731	731	731	731	731	731	731	731	732	732	732	732	732	732	732	732	732	732	
ANIMAL ID	0013 4	0014 5	0014 6	0014 9	0015 0	0011 3	0011 4	0013 1	0013 2	0013 5	0013 6	0013 9	0014 0	0014 3	0014 4	0010 1	0010 2	0010 3	0010 4	0010 5	0011 9	0012 0	0012 8	0013 7	0014 7	* TOTALS
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lipoma																										**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Granulocytic																										**1**
Leukemia Mononuclear			X			X																				**5**
Lymphoma Malignant						X																				**3**
Mesothelioma Malignant																										**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 3000 ppm Male																									
DAY ON TEST	0266	0450	0534	0616	0628	0628	0631	0632	0645	0657	0669	0674	0708	0713	0719	0729	0729	0729	0729	0729	0729	0729	0729	0730	0730
ANIMAL ID	0018 2	0019 2	0018 1	0016 6	0015 4	0018 6	0016 1	0018 0	0016 0	0019 4	0016 3	0016 9	0016 4	0019 9	0015 8	0015 1	0015 2	0018 7	0018 8	0018 9	0019 0	0019 5	0019 6	0015 5	0015 6
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma																									
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Pancreas											X														
Hepatocellular Adenoma																									
Mesentery																									
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Adenoma			X																						
Acinus, Adenoma, Multiple							X		X			X	X			X	X	X	X		X	X	X	X	X
Acinus, Carcinoma								X			X	X													
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Schwannoma Malignant																									
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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	0266	0450	0534	0616	0628	0628	0631	0632	0645	0657	0669	0674	0708	0713	0719	0729	0729	0729	0729	0729	0729	0729	0729	0730	0730	
ANIMAL ID	00182	00192	00181	00166	00154	00186	00161	00180	00160	00194	00163	00169	00164	00199	00158	00151	00152	00187	00188	00189	00190	00195	00196	00155	00156	males (cont...)
Squamous Cell Papilloma																										
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leiomyosarcoma															X											
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Endocardium, Schwannoma Malignant																										
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma												X														
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma													X											X		
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Adenoma						X	X	X																		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bilateral, C-cell, Adenoma																										
C-cell, Adenoma															X					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 MALE 3000 ppm Male																										
DAY ON TEST	0266	0450	0534	0616	0628	0628	0631	0632	0645	0657	0669	0674	0708	0713	0719	0729	0729	0729	0729	0729	0729	0729	0729	0730	0730	males (cont...)
ANIMAL ID	0018 2	0019 2	0018 1	0016 6	0015 4	0018 6	0016 1	0018 0	0016 0	0019 4	0016 3	0016 9	0016 4	0019 9	0015 8	0015 1	0015 2	0018 7	0018 8	0018 9	0019 0	0019 5	0019 6	0015 5	0015 6	
NONE																										
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Squamous Cell Carcinoma													X													
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Interstitial Cell, Adenoma														X					X							
Interstitial Cell, Adenoma, Multiple																										
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node			+																							
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymus	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	
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 3000 ppm Male																										
DAY ON TEST	0266	0450	0534	0616	0628	0628	0631	0632	0645	0657	0669	0674	0708	0713	0719	0729	0729	0729	0729	0729	0729	0729	0729	0730	0730	
ANIMAL ID	00182	00192	00181	00166	00154	00186	00161	00180	00160	00194	00163	00169	00164	00199	00158	00151	00152	00187	00188	00189	00190	00195	00196	00155	00156	males (cont...)
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibroadenoma																X										
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Keratoacanthoma																										
Squamous Cell Carcinoma												X														
Subcutaneous Tissue, Fibroma									X		X		X	X												
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle															+											
Leiomyosarcoma, Metastatic, Stomach, Glandular															X											
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nerve Trigeminal															+											
Peripheral Nerve															+											
Spinal Cord															+											
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Pancreas											X															
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. 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	0266	0450	0534	0616	0628	0628	0631	0632	0645	0657	0669	0674	0708	0713	0719	0729	0729	0729	0729	0729	0729	0729	0729	0730	0730	
HARLAN SPRAGUE DAWLEY RATS MALE																										
3000 ppm Male ANIMAL ID	0018 2	0019 2	0018 1	0016 6	0015 4	0018 6	0016 1	0018 0	0016 0	0019 4	0016 3	0016 9	0016 4	0019 9	0015 8	0015 1	0015 2	0018 7	0018 8	0018 9	0019 0	0019 5	0019 6	0015 5	0015 6	**males (cont...)**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney Renal Tubule, Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. 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	730	730	730	730	730	730	730	731	731	731	731	731	731	731	731	732	732	732	732	732	732	732	732	732	
ANIMAL ID	0016 2	0017 0	0017 3	0017 4	0017 9	0018 3	0018 4	0015 3	0015 7	0017 1	0017 2	0017 5	0017 6	0017 7	0017 8	0020 0	0015 9	0016 5	0016 7	0016 8	0018 5	0019 1	0019 3	0019 7	0019 8	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	**49**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma																	X									**1**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Carcinoma, Metastatic, Pancreas																										**1**
Hepatocellular Adenoma														X						X			X			**3**
Mesentery																	+									**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Acinus, Adenoma						X		X																		**3**
Acinus, Adenoma, Multiple	X	X	X	X	X		X		X	X	X	X	X			X	X	X		X	X	X	X	X	X	**33**
Acinus, Carcinoma																										**3**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Schwannoma Malignant												X														**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 3000 ppm Male																										
DAY ON TEST	0730	0730	0730	0730	0730	0730	0730	0731	0731	0731	0731	0731	0731	0731	0731	0731	0732	0732	0732	0732	0732	0732	0732	0732	0732	
ANIMAL ID	0016 2	0017 0	0017 3	0017 4	0017 9	0018 3	0018 4	0015 3	0015 7	0017 1	0017 2	0017 5	0017 6	0017 7	0017 8	0020 0	0015 9	0016 5	0016 7	0016 8	0018 5	0019 1	0019 3	0019 7	0019 8	* TOTALS
Squamous Cell Papilloma																									X	**1**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leiomyosarcoma																										**1**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Endocardium, Schwannoma Malignant													X													**1**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma																		X								**2**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma									X	X																**4**
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	M	M	+	+	+	+	+	+	M	**43**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Adenoma																X										**4**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Bilateral, C-cell, Adenoma								X																		**1**
C-cell, Adenoma	X	X		X						X				X						X						**9**
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 MALE 3000 ppm Male																										
DAY ON TEST	0730	0730	0730	0730	0730	0730	0730	0731	0731	0731	0731	0731	0731	0731	0731	0732	0732	0732	0732	0732	0732	0732	0732	0732	0732	
ANIMAL ID	0062	0070	0073	0074	0079	0083	0084	0053	0057	0071	0072	0075	0076	0077	0078	0200	0059	0065	0067	0068	0085	0091	0093	0097	0098	* TOTALS
NONE																										
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Squamous Cell Carcinoma																										**1**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Interstitial Cell, Adenoma																	X		X							**4**
Interstitial Cell, Adenoma, Multiple											X															**1**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node																										**1**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	**47**
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

DAY ON TEST	730	730	730	730	730	730	730	731	731	731	731	731	731	731	731	731	732	732	732	732	732	732	732	732	732	
HARLAN SPRAGUE DAWLEY RATS MALE																										
3000 ppm Male ANIMAL ID	0162	0170	0173	0174	0179	0183	0184	0153	0157	0171	0172	0175	0176	0177	0178	0200	0159	0165	0167	0168	0185	0191	0193	0197	0198	*** TOTALS**
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibroadenoma																										**1**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Keratoacanthoma													X													**1**
Squamous Cell Carcinoma																										**1**
Subcutaneous Tissue, Fibroma																										**4**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skeletal Muscle																										**1**
Leiomyosarcoma, Metastatic, Stomach, Glandular																										**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Nerve Trigeminal																										**1**
Peripheral Nerve																										**1**
Spinal Cord																										**1**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Carcinoma, Metastatic, Pancreas																										**1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**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	730	730	730	730	730	730	730	731	731	731	731	731	731	731	731	732	732	732	732	732	732	732	732	732	
ANIMAL ID	0016 2	0017 0	0017 3	0017 4	0017 9	0018 3	0018 4	0015 3	0015 7	0017 1	0017 2	0017 5	0017 6	0017 7	0017 8	0020 0	0015 9	0016 5	0016 7	0016 8	0018 5	0019 1	0019 3	0019 7	0019 8	* TOTALS
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Renal Tubule, Adenoma																	X									**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**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	0003	0003	0003	0003	0003	0005	0099	0167	0226	0228	0295	0295	0395	0413	0478	0520	0645	0673	0699	0717	0727	0729	0729	0729	0729	males (cont...)
ANIMAL ID	0209	0231	0244	0247	0249	0248	0232	0211	0230	0221	0207	0236	0203	0226	0223	0225	0218	0210	0213	0239	0241	0215	0216	0219	0220	
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma																	X									
Liver	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hepatocellular Adenoma												X					X	X								
Hepatocellular Adenoma, Multiple																										
Hepatocellular Carcinoma																									X	
Mesentery							+																			
Pancreas	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acinus, Adenoma															X						X	X	X			
Acinus, Adenoma, Multiple																										
Acinus, Carcinoma																										
Salivary Glands	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	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 10000 ppm Male																										
DAY ON TEST	0003	0003	0003	0003	0003	0005	0099	0167	0226	0228	0295	0295	0395	0413	0478	0520	0645	0673	0699	0717	0727	0729	0729	0729	0729	males (cont...)
ANIMAL ID	0020 9	0023 1	0024 4	0024 7	0024 9	0024 8	0023 2	0021 1	0023 0	0022 1	0020 7	0023 6	0020 3	0022 6	0022 3	0022 5	0021 8	0021 0	0021 3	0023 9	0024 1	0021 5	0021 6	0021 9	0022 0	
Stomach, Glandular	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gist																										
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrous Histiocytoma																X										
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adrenal Medulla	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pheochromocytoma Complex																			X							
Pheochromocytoma Malignant											X												X			
Islets, Pancreatic	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma																										
Parathyroid Gland	M	M	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	
Pituitary Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Adenoma																				X	X					
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Adenoma																	X					X				
Follicular Cell, Adenoma																						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 MALE 10000 ppm Male																										
DAY ON TEST	0003	0003	0003	0003	0003	0005	0099	0167	0226	0228	0295	0295	0395	0413	0478	0520	0645	0673	0699	0717	0727	0729	0729	0729	0729	males (cont...)
ANIMAL ID	0209	0231	0244	0247	0249	0248	0232	0211	0230	0221	0207	0236	0203	0226	0223	0225	0218	0210	0213	0239	0241	0215	0216	0219	0220	
NONE																										
GENITAL SYSTEM																										
Epididymis	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Preputial Gland Carcinoma	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Prostate	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Seminal Vesicle	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testis Interstitial Cell, Adenoma	+	+	+	+	M	+	+	+	+	+	+ X	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node																										
Lymph Node, Mandibular	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymus	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	
INTEGUMENTARY SYSTEM																										
Mammary Gland	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 10000 ppm Male																										
DAY ON TEST	0003	0003	0003	0003	0003	0005	0099	0167	0226	0228	0295	0295	0395	0413	0478	0520	0645	0673	0699	0717	0727	0729	0729	0729	0729	
ANIMAL ID	0020 9	0023 1	0024 4	0024 7	0024 9	0024 8	0023 2	0021 1	0023 0	0022 1	0020 7	0023 6	0020 3	0022 6	0022 3	0022 5	0021 8	0021 0	0021 3	0023 9	0024 1	0021 5	0021 6	0021 9	0022 0	males (cont...)
Fibroadenoma																		X								
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Keratoacanthoma																										
Schwannoma Malignant																			X							
Pinna, Neural Crest Tumor																						X				
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Renal Tubule, 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 MALE 10000 ppm Male																										
DAY ON TEST	0003	0003	0003	0003	0003	0005	0099	0167	0226	0228	0295	0295	0395	0413	0478	0520	0645	0673	0699	0717	0727	0729	0729	0729	0729	males (cont...)
ANIMAL ID	0020 9	0023 1	0024 4	0024 7	0024 9	0024 8	0023 2	0021 1	0023 0	0022 1	0020 7	0023 6	0020 3	0022 6	0022 3	0022 5	0021 8	0021 0	0021 3	0023 9	0024 1	0021 5	0021 6	0021 9	0022 0	
Renal Tubule, Carcinoma															X											
Urinary Bladder	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	
SYSTEMIC LESIONS																										
Multiple Organ 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 MALE

10000 ppm Male

DAY ON TEST	729	729	729	730	730	730	730	730	730	731	731	731	731	731	731	731	732	732	732	732	732	732	732	732	732	
ANIMAL ID	0243	0246	0250	0214	0222	0227	0228	0235	0245	0205	0206	0208	0224	0237	0238	0242	0201	0202	0204	0212	0217	0229	0233	0234	0240	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenocarcinoma																	X									**2**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Hepatocellular Adenoma		X						X		X		X														**7**
Hepatocellular Adenoma, Multiple																					X					**1**
Hepatocellular Carcinoma													X										X			**3**
Mesentery																										**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Acinus, Adenoma										X											X		X			**7**
Acinus, Adenoma, Multiple			X	X	X	X		X	X			X	X		X	X		X	X	X				X	X	**15**
Acinus, Carcinoma				X																						**1**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**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 MALE

10000 ppm Male

DAY ON TEST	729	729	729	730	730	730	730	730	730	731	731	731	731	731	731	731	732	732	732	732	732	732	732	732	732	
ANIMAL ID	0024 3	0024 6	0025 0	0021 4	0022 2	0022 7	0022 8	0023 5	0024 5	0020 5	0020 6	0020 8	0022 4	0023 7	0023 8	0024 2	0020 1	0020 2	0020 4	0021 2	0021 7	0022 9	0023 3	0023 4	0024 0	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Gist															X											**1**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Fibrous Histiocytoma																										**1**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Pheochromocytoma Complex																										**1**
Pheochromocytoma Malignant											X															**3**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenoma								X																	X	**2**
Parathyroid Gland	+	+	+	+	M	+	+	+	+	M	M	+	+	+	+	+	+	+	M	M	+	M	+	M	+	**38**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Pars Distalis, Adenoma		X																			X		X			**5**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Adenoma									X					X												**4**
Follicular Cell, Adenoma																		X								**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 MALE 10000 ppm Male																									
DAY ON TEST	0729	0729	0729	0730	0730	0730	0730	0730	0730	0731	0731	0731	0731	0731	0731	0731	0732	0732	0732	0732	0732	0732	0732	0732	0732
ANIMAL ID	00243	00246	00250	00214	00222	00227	00228	00235	00245	00205	00206	00208	00224	00237	00238	00242	00201	00202	00204	00212	00217	00229	00233	00234	00240	* TOTALS
NONE																										
GENITAL SYSTEM																										
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Carcinoma		X																								**1**
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Testis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Interstitial Cell, Adenoma	X					X			X							X										**5**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node																							+			**1**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**

* .. 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	0729	0729	0729	0730	0730	0730	0730	0730	0730	0731	0731	0731	0731	0731	0731	0731	0732	0732	0732	0732	0732	0732	0732	0732	0732	
ANIMAL ID	00243	00246	00250	00214	00222	00227	00228	00235	00245	00205	00206	00208	00224	00237	00238	00242	00201	00202	00204	00212	00217	00229	00233	00234	00240	* TOTALS
Fibroadenoma																										**1**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Keratoacanthoma								X																		**1**
Schwannoma Malignant					X																					**2**
Pinna, Neural Crest Tumor																										**1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Renal Tubule, 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

DAY ON TEST	729	729	729	730	730	730	730	730	730	731	731	731	731	731	731	731	732	732	732	732	732	732	732	732	732	
HARLAN SPRAGUE DAWLEY RATS MALE																										
10000 ppm Male ANIMAL ID	0243	0246	0250	0214	0222	0227	0228	0235	0245	0205	0206	0208	0224	0237	0238	0242	0201	0202	0204	0212	0217	0229	0233	0234	0240	*** TOTALS**
Renal Tubule, Carcinoma																										**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymphoma Malignant																		X								**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	0368	0406	0445	0524	0560	0561	0588	0592	0616	0625	0634	0645	0645	0689	0689	0724	0725	0726	0728	0732	0732	0732	0732	0732	0732	
ANIMAL ID	0025	0025	0027	0029	0029	0029	0027	0029	0028	0026	0028	0025	0027	0026	0027	0025	0025	0027	0028	0026	0026	0026	0028	0028	0028	females (cont...)
ALIMENTARY SYSTEM																										
Esophagus	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Fibrosarcoma, Metastatic, Skin																		X								
Intestine Small, Duodenum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus												X														
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus												X														
Liver	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cholangioma																										
Hepatocellular Adenoma																										
Mesentery												+														
Adenocarcinoma, Metastatic, Uterus												X														
Pancreas	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus												X														
Salivary Glands	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
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 FEMALE 0 ppm Female																										
DAY ON TEST	0368	0406	0445	0524	0560	0561	0588	0592	0616	0625	0634	0645	0645	0689	0689	0724	0725	0726	0728	0732	0732	0732	0732	0732	0732	
ANIMAL ID	00275	00258	00279	00292	00290	00297	00274	00291	00286	00263	00285	00255	00270	00264	00276	00254	00253	00272	00284	00267	00268	00269	00280	00281	00282	**females (cont...)**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ganglioneuroma												X														
Islets, Pancreatic	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma																							X			
Parathyroid Gland	+	+	M	+	+	+	+	+	+	M	M	M	+	+	+	+	+	+	M	+	+	+	+	+	+	
Pituitary Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Adenoma							X	X				X								X			X		X	
Pars Distalis, Carcinoma																										
Thyroid Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Adenoma											X				X	X			X							
GENERAL BODY SYSTEM																										
NONE																										
GENITAL 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	0368	0406	0445	0524	0560	0561	0588	0592	0616	0625	0634	0645	0645	0689	0689	0724	0725	0726	0728	0732	0732	0732	0732	0732	0732	
ANIMAL ID	0025	0025	0027	0029	0029	0029	0027	0029	0028	0026	0028	0025	0027	0026	0027	0025	0025	0027	0028	0026	0026	0026	0028	0028	0028	**females (cont...)**
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Granulosa Cell Tumor Benign																										
Granulosa Cell Tumor Malignant																										
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Deciduoma Benign																										
Polyp Stromal															X		X	X			X					
Polyp Stromal, Multiple																										
Schwannoma Malignant, Metastatic, Vagina										X																
Cervix, Granular Cell Tumor Benign																										
Cervix, Schwannoma Malignant																						X				
Endometrium, Adenocarcinoma												X														
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	
Schwannoma Malignant										X																

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mandibular	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus												X														
Spleen	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemangiosarcoma									X																	
Thymus	+	+	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 FEMALE

0 ppm Female

DAY ON TEST	0368	0406	0445	0524	0560	0561	0588	0592	0616	0625	0634	0645	0645	0689	0689	0724	0725	0726	0728	0732	0732	0732	0732	0732	0732	
ANIMAL ID	0025	0025	0027	0029	0029	0029	0027	0029	0028	0026	0028	0025	0027	0026	0027	0025	0025	0027	0028	0026	0026	0026	0028	0028	0028	**females (cont...)**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma																										
Adenoma													X													
Fibroadenoma	X			X				X						X	X	X	X				X	X	X		X	
Fibroadenoma, Multiple							X																			
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Schwannoma Malignant																										
Squamous Cell Carcinoma																X										
Subcutaneous Tissue, Fibrosarcoma																		X								
Subcutaneous Tissue, Lipoma																									X	
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle													+													
Hemangioma																										
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Granular Cell Tumor Benign												X														
Meningioma Malignant					X																					
RESPIRATORY SYSTEM																										
Lung	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Lacrimal Gland																		X								
Carcinoma, Metastatic, 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 0 ppm Female																										
DAY ON TEST	0368	0406	0445	0524	0560	0561	0588	0592	0616	0625	0634	0645	0645	0689	0689	0724	0725	0726	0728	0732	0732	0732	0732	0732	0732	
ANIMAL ID	00275	00258	00279	00292	00290	00297	00274	00291	00286	00263	00285	00255	00270	00264	00276	00254	00253	00272	00284	00267	00268	00269	00280	00281	00282	**females (cont...)**
Fibrosarcoma, Metastatic, Skin																		X								
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Carcinoma, Metastatic, Lacrimal Gland																		X								
Trachea	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Meningioma Malignant, Metastatic, Brain					X																					
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Meningioma Malignant, Metastatic, Brain					X																					
Lacrimal Gland																		+								
Carcinoma																		X								
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
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 0 ppm Female																										
DAY ON TEST	0732	0732	0732	0735	0735	0735	0735	0735	0735	0735	0736	0736	0736	0736	0736	0736	0736	0736	0736	0737	0737	0737	0737	0737	0737	
ANIMAL ID	00287	00288	00289	00259	00260	00261	00262	00283	00299	00300	00271	00273	00277	00278	00293	00294	00295	00296	00298	00251	00252	00256	00257	00265	00266	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Fibrosarcoma, Metastatic, Skin																										**1**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Uterus																										**1**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Uterus																										**1**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Cholangioma				X																						**1**
Hepatocellular Adenoma																						X				**1**
Mesentery																										**1**
Adenocarcinoma, Metastatic, Uterus																										**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenocarcinoma, Metastatic, Uterus																										**1**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
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 FEMALE

0 ppm Female

DAY ON TEST	0732	0732	0732	0735	0735	0735	0735	0735	0735	0735	0736	0736	0736	0736	0736	0736	0736	0736	0736	0737	0737	0737	0737	0737	0737	
ANIMAL ID	0028 7	0028 8	0028 9	0025 9	0026 0	0026 1	0026 2	0028 3	0029 9	0030 0	0027 1	0027 3	0027 7	0027 8	0029 3	0029 4	0029 5	0029 6	0029 8	0025 1	0025 2	0025 6	0025 7	0026 5	0026 6	* TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Ganglioneuroma																										**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenoma	X							X																		**3**
Parathyroid Gland	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	**42**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Pars Distalis, Adenoma			X		X		X	X										X			X	X	X		X	**15**
Pars Distalis, Carcinoma				X																						**1**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
C-cell, Adenoma									X			X		X	X											**8**
GENERAL BODY SYSTEM																										
NONE																										
GENITAL 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	732	732	732	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	736	737	737	737	737	737	737	
ANIMAL ID	0028 7	0028 8	0028 9	0025 9	0026 0	0026 1	0026 2	0028 3	0029 9	0030 0	0027 1	0027 3	0027 7	0027 8	0029 3	0029 4	0029 5	0029 6	0029 8	0025 1	0025 2	0025 6	0025 7	0026 5	0026 6	* TOTALS
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Granulosa Cell Tumor Benign																X										**1**
Granulosa Cell Tumor Malignant		X																								**1**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Deciduoma Benign									X																	**1**
Polyp Stromal										X									X		X					**7**
Polyp Stromal, Multiple			X																							**1**
Schwannoma Malignant, Metastatic, Vagina																										**1**
Cervix, Granular Cell Tumor Benign																		X								**1**
Cervix, Schwannoma Malignant																										**1**
Endometrium, Adenocarcinoma					X											X										**3**
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Schwannoma Malignant																										**1**

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenocarcinoma, Metastatic, Uterus																										**1**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Hemangiosarcoma																										**1**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	**46**

* .. 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	0732	0732	0732	0735	0735	0735	0735	0735	0735	0735	0736	0736	0736	0736	0736	0736	0736	0736	0736	0737	0737	0737	0737	0737	0737	
HARLAN SPRAGUE DAWLEY RATS FEMALE																										
0 ppm Female ANIMAL ID	00287	00288	00289	00259	00260	00261	00262	00283	00299	00300	00271	00273	00277	00278	00293	00294	00295	00296	00298	00251	00252	00256	00257	00265	00266	*** TOTALS**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma																					X					**1**
Adenoma																										**1**
Fibroadenoma	X	X			X			X			X	X			X		X		X			X			X	**22**
Fibroadenoma, Multiple													X	X		X		X						X		**6**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Schwannoma Malignant																								X		**1**
Squamous Cell Carcinoma																										**1**
Subcutaneous Tissue, Fibrosarcoma																										**1**
Subcutaneous Tissue, Lipoma																										**1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skeletal Muscle													+													**2**
Hemangioma													X													**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Granular Cell Tumor Benign																										**1**
Meningioma Malignant																										**1**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Carcinoma, Metastatic, Lacrimal Gland																										**1**
Carcinoma, Metastatic, Pituitary Gland				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

DAY ON TEST	732	732	732	735	735	735	735	735	735	736	736	736	736	736	736	736	736	736	737	737	737	737	737	737	
HARLAN SPRAGUE DAWLEY RATS FEMALE																									
0 ppm Female ANIMAL ID	0287	0288	0289	0259	0260	0261	0262	0283	0299	0300	0271	0273	0277	0278	0293	0294	0295	0296	0298	0251	0252	0256	0257	0265	0266	*** TOTALS**
Fibrosarcoma, Metastatic, Skin																										**1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Carcinoma, Metastatic, Lacrimal Gland																										**1**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Meningioma Malignant, Metastatic, Brain																										**1**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Meningioma Malignant, Metastatic, Brain																										**1**
Lacrimal Gland																										**1**
Carcinoma																										**1**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
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 300 ppm Female																									
DAY ON TEST	0288	0396	0415	0477	0477	0497	0509	0526	0528	0585	0592	0655	0659	0696	0701	0701	0713	0721	0732	0732	0732	0732	0732	0732	0732
ANIMAL ID	0038	0034	0018	0016	0033	0039	0020	0049	0014	0024	0026	0001	0005	0047	0035	0036	0040	0017	0002	0003	0004	0025	0027	0028	0037
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma																					X				
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesentery																									
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Kidney																									
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma				X																					
Squamous Cell Papilloma																									X
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 300 ppm Female																									
DAY ON TEST	0288	0396	0415	0477	0477	0497	0509	0526	0528	0585	0592	0655	0659	0696	0701	0701	0713	0721	0732	0732	0732	0732	0732	0732	0732
ANIMAL ID	0038	0034	0018	0016	0033	0039	0020	0049	0014	0024	0026	0001	0005	0047	0035	0036	0040	0017	0002	0003	0004	0025	0027	0028	0037
CARDIOVASCULAR SYSTEM																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
ENDOCRINE SYSTEM																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Adenoma																									
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma													X			X									X
Pars Distalis, Carcinoma															X										
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
C-cell, Adenoma																X									
C-cell, Carcinoma																									
GENERAL BODY SYSTEM																									
NONE																									
GENITAL SYSTEM																									
Clitoral Gland	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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	028	039	041	047	047	049	050	052	052	058	059	065	065	069	070	070	071	072	073	073	073	073	073	073	073	females (cont...)
ANIMAL ID	0038	0034	0018	0016	0033	0039	0020	0049	0014	0024	0026	0001	0005	0047	0035	0036	0040	0017	0032	0003	0004	0025	0027	0028	0037	
Carcinoma																										
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Granulosa Cell Tumor Benign								X																		
Schwannoma Malignant					X					X																
Paraovarian Tissue, Sarcoma, Metastatic, Kidney																										
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Polyp Stromal								X																		
Polyp Stromal, Multiple												X														
Schwannoma Malignant, Metastatic, Ovary					X																					
Squamous Cell Carcinoma																										
Cervix, Schwannoma Malignant																X										
Endometrium, Adenoma																										
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node				+				+																		
Renal, Sarcoma																										
Renal, Sarcoma, Metastatic, Stomach, Forestomach				X																						
Lymph Node, Mandibular	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
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 FEMALE 300 ppm Female																										
DAY ON TEST	0288	0396	0415	0477	0477	0497	0509	0526	0528	0585	0592	0655	0659	0696	0701	0701	0713	0721	0732	0732	0732	0732	0732	0732	0732	females (cont...)
ANIMAL ID	0038	0034	0018	0016	0033	0039	0020	0049	0014	0024	0026	0001	0005	0047	0035	0036	0040	0017	0002	0003	0004	0025	0027	0028	0037	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma																				X					X	
Adenoma															X											
Fibroadenoma						X		X			X	X		X								X				
Fibroadenoma, Multiple			X						X				X					X					X		X	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Subcutaneous Tissue, Fibroma																										
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle																										
Sarcoma, Metastatic, Kidney																										
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nerve Trigeminal	+																									
Peripheral Nerve	+																									
Spinal Cord	+																									
Nerve, Schwannoma Malignant	X																									
RESPIRATORY 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	0288	0396	0415	0477	0477	0497	0509	0526	0528	0585	0592	0655	0659	0696	0701	0701	0713	0721	0732	0732	0732	0732	0732	0732	0732	
ANIMAL ID	0038	0034	0318	0316	0333	0339	0320	0349	0314	0324	0326	0301	0305	0347	0335	0336	0340	0317	0302	0303	0304	0325	0327	0328	0337	females (cont...)
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Sarcoma, Metastatic, Kidney																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lipoma																X										
Sarcoma																										
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
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

300 ppm Female

DAY ON TEST	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737	737	737	
ANIMAL ID	0306	0307	0308	0321	0322	0323	0350	0319	0341	0342	0343	0344	0345	0346	0348	0309	0310	0311	0312	0313	0315	0329	0330	0331	0332	* 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**
Mesentery																				+						**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Sarcoma, Metastatic, Kidney												X														**1**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Sarcoma																										**1**
Squamous Cell Papilloma																										**1**
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

300 ppm Female

DAY ON TEST	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737	737	737	
ANIMAL ID	0306	0307	0308	0321	0322	0323	0350	0319	0341	0342	0343	0344	0345	0346	0348	0309	0310	0311	0312	0313	0315	0329	0330	0331	0332	* TOTALS
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parathyroid Gland	+	+	+	+	M	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	M	+	+	M	+	**43**
Adenoma							X																			**1**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pars Distalis, Adenoma	X			X							X			X							X				X	**9**
Pars Distalis, Carcinoma																										**1**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
C-cell, Adenoma						X			X			X	X						X		X				X	**8**
C-cell, Carcinoma											X															**1**
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**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

300 ppm Female

DAY ON TEST	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737	737	737	
ANIMAL ID	0030 6	0030 7	0030 8	0032 1	0032 2	0032 3	0035 0	0031 9	0034 1	0034 2	0034 3	0034 4	0034 5	0034 6	0034 8	0030 9	0031 0	0031 1	0031 2	0031 3	0031 5	0032 9	0033 0	0033 1	0033 2	* TOTALS
Carcinoma							X																			**1**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Granulosa Cell Tumor Benign																										**1**
Schwannoma Malignant																										**2**
Paraovarian Tissue, Sarcoma, Metastatic, Kidney												X														**1**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Polyp Stromal				X																	X		X			**4**
Polyp Stromal, Multiple																										**1**
Schwannoma Malignant, Metastatic, Ovary																										**1**
Squamous Cell Carcinoma													X													**1**
Cervix, Schwannoma Malignant																									X	**2**
Endometrium, Adenoma													X													**1**
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node									+															+		**4**
Renal, Sarcoma																								X		**1**
Renal, Sarcoma, Metastatic, Stomach, Forestomach																										**1**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
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 FEMALE 300 ppm Female																										
DAY ON TEST	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737	737	737	
ANIMAL ID	0306	0307	0308	0321	0322	0323	0350	0319	0341	0342	0343	0344	0345	0346	0348	0309	0310	0311	0312	0313	0315	0329	0330	0331	0332	* TOTALS
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma				X																						**3**
Adenoma			X																							**2**
Fibroadenoma	X	X				X							X	X	X				X			X	X	X		**16**
Fibroadenoma, Multiple					X			X	X							X										**10**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Subcutaneous Tissue, Fibroma																					X					**1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skeletal Muscle												+														**1**
Sarcoma, Metastatic, Kidney												X														**1**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Nerve Trigeminal																										**1**
Peripheral Nerve																										**1**
Spinal Cord																										**1**
Nerve, Schwannoma Malignant																										**1**
RESPIRATORY 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	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737	737	737	
ANIMAL ID	0306	0307	0308	0321	0322	0323	0350	0319	0341	0342	0343	0344	0345	0346	0348	0309	0310	0311	0312	0313	0315	0329	0330	0331	0332	* TOTALS
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Sarcoma, Metastatic, Kidney												X														**1**
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lipoma																										**1**
Sarcoma												X														**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
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

1000 ppm Female

DAY ON TEST	0284	0344	0496	0500	0533	0546	0557	0581	0590	0596	0640	0648	0651	0701	0701	0701	0732	0732	0732	0732	0732	0732	0732	0732	0735	
ANIMAL ID	0035 8	0037 0	0037 4	0037 2	0037 6	0039 5	0039 4	0037 8	0035 7	0038 7	0037 7	0035 3	0038 0	0037 9	0038 6	0039 3	0035 9	0036 0	0036 1	0036 2	0037 5	0039 6	0039 7	0039 8	0035 1	**females (cont...)**
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hepatocellular Adenoma																	X							X		
Hepatocellular Adenoma, Multiple																										
Mesentery																										
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Squamous Cell Carcinoma																										
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
CARDIOVASCULAR 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

1000 ppm Female

DAY ON TEST	0284	0344	0496	0500	0533	0546	0557	0581	0590	0596	0640	0648	0651	0701	0701	0701	0732	0732	0732	0732	0732	0732	0732	0732	0735	females (cont...)
ANIMAL ID	0058	0070	0074	0072	0076	0095	0094	0078	0057	0087	0077	0053	0080	0079	0086	0093	0059	0060	0061	0062	0075	0096	0097	0098	0051	
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Endocardium, Schwannoma Malignant											X															
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach																										
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pheochromocytoma Benign					X													X								
Bilateral, Pheochromocytoma Benign																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma													X													
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	
Pituitary Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Adenoma								X		X			X									X	X	X	X	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bilateral, C-cell, Adenoma													X													
C-cell, Adenoma															X											
C-cell, Carcinoma																										
GENERAL BODY SYSTEM																										
Peritoneum									+	+																

* .. 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	0284	0344	0496	0500	0533	0546	0557	0581	0590	0596	0640	0648	0651	0701	0701	0701	0732	0732	0732	0732	0732	0732	0732	0732	0735	
ANIMAL ID	0035 8	0037 0	0037 4	0037 2	0037 6	0039 5	0039 4	0037 8	0035 7	0038 7	0037 7	0035 3	0038 0	0037 9	0038 6	0039 3	0035 9	0036 0	0036 1	0036 2	0037 5	0039 6	0039 7	0039 8	0035 1	**females (cont...)**
GENITAL SYSTEM																										
Clitoral Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Squamous Cell Carcinoma																										
Squamous Cell Papilloma																										
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Polyp Stromal																										
Polyp Stromal, Multiple																										
Endometrium, Adenocarcinoma												X														
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node				+												+										
Deep Cervical, Carcinoma, Metastatic, Thyroid Gland																										
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymus	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
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 FEMALE

1000 ppm Female

DAY ON TEST	0284	0344	0496	0500	0533	0546	0557	0581	0590	0596	0640	0648	0651	0701	0701	0701	0732	0732	0732	0732	0732	0732	0732	0732	0735	
ANIMAL ID	0035 8	0037 0	0037 4	0037 2	0037 6	0039 5	0039 4	0037 8	0035 7	0038 7	0037 7	0035 3	0038 0	0037 9	0038 6	0039 3	0035 9	0036 0	0036 1	0036 2	0037 5	0039 6	0039 7	0039 8	0035 1	**females (cont...)**
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma	X	X																						X		
Adenocarcinoma, Multiple			X																							
Adenoma																										
Adenoma, Multiple																										
Fibroadenoma				X					X			X	X	X	X	X	X			X	X	X	X		X	
Fibroadenoma, Multiple					X			X											X							
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Peripheral Nerve																										
Trigeminal, Schwannoma Malignant																										
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Mammary Gland		X	X																							
Carcinoma, Metastatic, Thyroid Gland																										
Cystic Keratinizing Epithelioma			X																							
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. 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	0284	0344	0496	0500	0533	0546	0557	0581	0590	0596	0640	0648	0651	0701	0701	0701	0732	0732	0732	0732	0732	0732	0732	0732	0735
ANIMAL ID	0058	0070	0074	0072	0076	0095	0094	0078	0057	0087	0077	0053	0080	0079	0086	0093	0059	0060	0061	0062	0075	0096	0097	0098	0051
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach																									
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																									
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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

1000 ppm Female

DAY ON TEST	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737	737	
ANIMAL ID	0352	0354	0355	0356	0367	0368	0369	0371	0373	0388	0389	0390	0391	0392	0399	0400	0363	0364	0365	0366	0381	0382	0383	0384	0385	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hepatocellular Adenoma															X		X									**4**
Hepatocellular Adenoma, Multiple					X																					**1**
Mesentery																+										**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Squamous Cell Carcinoma																			X							**1**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
CARDIOVASCULAR 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

1000 ppm Female

DAY ON TEST	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737	737	
ANIMAL ID	0035 2	0035 4	0035 5	0035 6	0036 7	0036 8	0036 9	0037 1	0037 3	0038 8	0038 9	0039 0	0039 1	0039 2	0039 9	0040 0	0036 3	0036 4	0036 5	0036 6	0038 1	0038 2	0038 3	0038 4	0038 5	* TOTALS
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Endocardium, Schwannoma Malignant																										**1**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach																			X							**1**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pheochromocytoma Benign														X												**3**
Bilateral, Pheochromocytoma Benign																				X						**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenoma																										**1**
Parathyroid Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	M	M	+	+	+	+	+	+	M	+	M	+	**42**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Pars Distalis, Adenoma				X			X			X		X			X		X									**13**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Bilateral, C-cell, Adenoma																									X	**2**
C-cell, Adenoma						X		X		X						X						X		X		**7**
C-cell, Carcinoma									X																	**1**
GENERAL BODY SYSTEM																										
Peritoneum																										**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

1000 ppm Female

DAY ON TEST	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737	737	
ANIMAL ID	0352	0354	0355	0356	0367	0368	0369	0371	0373	0388	0389	0390	0391	0392	0399	0400	0363	0364	0365	0366	0381	0382	0383	0384	0385	* TOTALS
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Squamous Cell Carcinoma																									X	**1**
Squamous Cell Papilloma												X														**1**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Polyp Stromal				X																						**1**
Polyp Stromal, Multiple													X													**1**
Endometrium, Adenocarcinoma																										**1**
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node									+				+													**4**
Deep Cervical, Carcinoma, Metastatic, Thyroid Gland									X																	**1**
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
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 FEMALE

1000 ppm Female

DAY ON TEST	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737	737	
ANIMAL ID	0035 2	0035 4	0035 5	0035 6	0036 7	0036 8	0036 9	0037 1	0037 3	0038 8	0038 9	0039 0	0039 1	0039 2	0039 9	0040 0	0036 3	0036 4	0036 5	0036 6	0038 1	0038 2	0038 3	0038 4	0038 5	* TOTALS
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma							X																			**4**
Adenocarcinoma, Multiple																										**1**
Adenoma																					X					**1**
Adenoma, Multiple																						X				**1**
Fibroadenoma			X		X		X																	X		**17**
Fibroadenoma, Multiple				X									X	X		X		X					X			**9**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Peripheral Nerve						+																				**1**
Trigeminal, Schwannoma Malignant						X																				**1**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adenocarcinoma, Metastatic, Mammary Gland																										**2**
Carcinoma, Metastatic, Thyroid Gland									X																	**1**
Cystic Keratinizing Epithelioma																										**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

DAY ON TEST	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737	737	
HARLAN SPRAGUE DAWLEY RATS FEMALE																										
1000 ppm Female ANIMAL ID	0352	0354	0355	0356	0367	0368	0369	0371	0373	0388	0389	0390	0391	0392	0399	0400	0363	0364	0365	0366	0381	0382	0383	0384	0385	*** TOTALS**
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach																			X							**1**
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
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 3000 ppm Female																										
DAY ON TEST	0172	0359	0407	0457	0517	0545	0592	0629	0639	0653	0670	0675	0701	0707	0707	0721	0732	0732	0732	0732	0732	0732	0732	0732	0732	0732
ANIMAL ID	0041 1	0042 0	0041 3	0044 7	0043 4	0040 6	0042 1	0040 2	0043 7	0042 5	0043 5	0041 5	0043 1	0040 9	0043 9	0042 3	0040 1	0041 4	0041 6	0043 8	0044 0	0044 1	0044 2	0044 3	0044 4	females (cont...)
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum Adenocarcinoma, Metastatic, Uterus	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver Hepatocellular Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ X	+ X	+	+	+	+	
Mesentery															+	+										
Pancreas Acinus, Adenoma	+	+	+	+	+	+ X	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Salivary Glands	+	+	+	+	+	M	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
CARDIOVASCULAR 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	0172	0359	0407	0457	0517	0545	0592	0629	0639	0653	0670	0675	0701	0707	0707	0721	0732	0732	0732	0732	0732	0732	0732	0732	0732	
ANIMAL ID	0041 1	0042 0	0041 3	0044 7	0043 4	0040 6	0042 1	0040 2	0043 7	0042 5	0043 5	0041 5	0043 1	0040 9	0043 9	0042 3	0040 1	0041 4	0041 6	0043 8	0044 0	0044 1	0044 2	0044 3	0044 4	females (cont...)
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pheochromocytoma Benign															X											
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	M	+	+	+	+	M	+	M	M	M	+	+	M	+	M	+	+	+	+	+	+	+	M	+	+	
Adenoma																										
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Adenoma									X			X			X							X	X	X		
Thyroid Gland	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Adenoma															X						X	X				
Follicular Cell, Adenoma																					X					
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* .. 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	0172	0359	0407	0457	0517	0545	0592	0629	0639	0653	0670	0675	0701	0707	0707	0721	0732	0732	0732	0732	0732	0732	0732	0732	0732	
ANIMAL ID	0041 1	0042 0	0041 3	0044 7	0043 4	0040 6	0042 1	0040 2	0043 7	0042 5	0043 5	0041 5	0043 1	0040 9	0043 9	0042 3	0040 1	0041 4	0041 6	0043 8	0044 0	0044 1	0044 2	0044 3	0044 4	**females (cont...)**
Adenocarcinoma, Metastatic, Uterus																										
Cystadenoma																										
Oviduct					+																					
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Polyp Stromal																						X	X	X		
Squamous Cell Papilloma																										
Endometrium, Adenocarcinoma																										
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node																										
Lymph Node, Mandibular	+	+	+	+	+	M	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymus	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma																										
Adenoma																										
Fibroadenoma		X			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 FEMALE 3000 ppm Female																									
DAY ON TEST	0172	0359	0407	0457	0517	0545	0592	0629	0639	0653	0670	0675	0701	0707	0707	0721	0732	0732	0732	0732	0732	0732	0732	0732	0732
ANIMAL ID	0041 1	0042 0	0041 3	0044 7	0043 4	0040 6	0042 1	0040 2	0043 7	0042 5	0043 5	0041 5	0043 1	0040 9	0043 9	0042 3	0040 1	0041 4	0041 6	0043 8	0044 0	0044 1	0044 2	0044 3	0044 4
Fibroadenoma, Multiple										X															
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
MUSCULOSKELETAL SYSTEM																									
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
NERVOUS SYSTEM																									
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
RESPIRATORY SYSTEM																									
Lung Adenocarcinoma, Metastatic, Uterus	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nose Turbinate, Chondroma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SPECIAL SENSES SYSTEM																									
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
URINARY SYSTEM																									
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+

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

DAY ON TEST	0172	0359	0407	0457	0517	0545	0592	0629	0639	0653	0670	0675	0701	0707	0707	0721	0732	0732	0732	0732	0732	0732	0732	0732	0732	
HARLAN SPRAGUE DAWLEY RATS FEMALE																										
3000 ppm Female ANIMAL ID	0041 1	0042 0	0041 3	0044 7	0043 4	0040 6	0042 1	0040 2	0043 7	0042 5	0043 5	0041 5	0043 1	0040 9	0043 9	0042 3	0040 1	0041 4	0041 6	0043 8	0044 0	0044 1	0044 2	0044 3	0044 4	**females (cont...)**

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																										

HARLAN SPRAGUE DAWLEY RATS FEMALE

3000 ppm Female

DAY ON TEST	732	732	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737	
ANIMAL ID	049	050	410	412	422	424	426	427	428	403	404	405	407	408	417	418	419	429	430	432	433	436	445	446	448	* TOTALS
ALIMENTARY SYSTEM																										
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Adenocarcinoma, Metastatic, Uterus																									X	**1**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Hepatocellular Adenoma	X			X								X							X		X	X	X			**9**
Mesentery																										**2**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Acinus, Adenoma					X																					**2**
Salivary Glands	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**

CARDIOVASCULAR 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	732	732	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737	
ANIMAL ID	049	050	410	412	422	424	426	427	428	403	404	405	407	408	417	418	419	429	430	432	433	436	445	446	448	* TOTALS
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Pheochromocytoma Benign																										**1**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Parathyroid Gland	+	+	+	+	+	M	+	+	+	+	M	+	+	M	+	+	+	+	+	M	+	+	+	+	M	**37**
Adenoma													X													**1**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	**49**
Pars Distalis, Adenoma						X	X						X							X						**10**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
C-cell, Adenoma									X					X					X			X			X	**8**
Follicular Cell, Adenoma																										**1**
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**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

3000 ppm Female

DAY ON TEST	732	732	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737		
ANIMAL ID	049	050	410	412	422	424	426	427	428	403	404	405	407	408	417	418	419	429	430	432	433	436	445	446	448		* TOTALS
Adenocarcinoma, Metastatic, Uterus																									X		1
Cystadenoma	X																										1
Oviduct																											1
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		50
Polyp Stromal						X		X												X				X			7
Squamous Cell Papilloma							X																				1
Endometrium, Adenocarcinoma							X			X															X		3
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		50
HEMATOPOIETIC SYSTEM																											
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		50
Lymph Node											+			+													2
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+		46
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		49
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		50
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		48
INTEGUMENTARY SYSTEM																											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		50
Adenocarcinoma															X												1
Adenoma														X													1
Fibroadenoma	X	X		X			X	X		X						X					X	X	X	X			24

* .. 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	0732	0732	0735	0735	0735	0735	0735	0735	0735	0736	0736	0736	0736	0736	0736	0736	0736	0737	0737	0737	0737	0737	0737	0737	0737	0737
ANIMAL ID	0049	0050	0040	0041	0042	0042	0042	0042	0042	0040	0040	0040	0040	0040	0041	0041	0041	0042	0043	0043	0043	0043	0043	0044	0044	0044	* TOTALS
Fibroadenoma, Multiple											X									X							3
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
MUSCULOSKELETAL SYSTEM																											
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
NERVOUS SYSTEM																											
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
RESPIRATORY SYSTEM																											
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Adenocarcinoma, Metastatic, Uterus																										X	1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Turbinate, Chondroma												X															1
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
SPECIAL SENSES SYSTEM																											
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
URINARY SYSTEM																											
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

* .. 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	732	732	735	735	735	735	735	735	735	736	736	736	736	736	736	736	736	737	737	737	737	737	737	737	737	
ANIMAL ID	049	050	410	412	422	424	426	427	428	403	404	405	407	408	417	418	419	429	430	432	433	436	445	446	448	* TOTALS
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Leukemia Mononuclear																	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	0002	0002	0003	0004	0004	0008	0008	0037	0314	0488	0515	0576	0592	0616	0620	0624	0642	0655	0659	0685	0701	0718	0723	0732	0732	
ANIMAL ID	0048	0048	0049	0049	0049	0045	0045	0047	0045	0045	0046	0048	0047	0047	0049	0047	0046	0045	0049	0049	0048	0050	0045	0045	0047	females (cont...)
ALIMENTARY SYSTEM																										
Esophagus	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																				X						
Intestine Large, Rectum	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																				X		X				
Cholangioma																					X					
Hepatocellular Adenoma																										
Hepatocellular Adenoma, Multiple																										
Hepatocellular Carcinoma																X							X			
Hepatocellular Carcinoma, Multiple																										
Mesentery																						+				
Adenocarcinoma, Metastatic, Uterus																						X				
Pancreas	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																				X		X				
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 10000 ppm Female																										
DAY ON TEST	0002	0002	0003	0004	0004	0008	0008	0037	0314	0488	0515	0576	0592	0616	0620	0624	0642	0655	0659	0685	0701	0718	0723	0732	0732	
ANIMAL ID	0048	0048	0049	0049	0049	0045	0045	0047	0045	0045	0046	0048	0047	0047	0049	0047	0046	0045	0049	0049	0048	0050	0045	0045	0047	females (cont...)
Salivary Glands	+	+	M	+	+	M	M	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	
Sarcoma														X												
Stomach, Forestomach	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Sarcoma																										
Stomach, Glandular	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																				X						
CARDIOVASCULAR SYSTEM																										
Blood Vessel	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Endocardium, Schwannoma Malignant																										
ENDOCRINE SYSTEM																										
Adrenal Cortex	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																						X				
Adrenal Medulla	M	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Islets, Pancreatic	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	M	+	M	+	+	+	+	+	M	M	M	M	+	+	M	+	M	+	+	+	+	+	+	
Pituitary Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Adenoma																						X				
Thyroid Gland	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
C-cell, Adenoma															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 10000 ppm Female																										
DAY ON TEST	0002	0002	0003	0004	0004	0008	0008	0037	0314	0488	0515	0576	0592	0616	0620	0624	0642	0655	0659	0685	0701	0718	0723	0732	0732	
ANIMAL ID	0048	0048	0049	0049	0049	0045	0045	0047	0045	0045	0046	0048	0047	0047	0049	0047	0046	0045	0049	0049	0048	0050	0045	0045	0047	females (cont...)
C-cell, Carcinoma																				X						
Follicular Cell, Adenoma																										
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	M	+	M	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Ovary	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Bilateral, Adenocarcinoma, Metastatic, Uterus																				X		X				
Uterus	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Polyp Stromal										X					X				X							
Schwannoma Malignant																										
Squamous Cell Carcinoma, Multiple																	X									
Endometrium, Adenocarcinoma																				X		X	X		X	
Vagina	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Polyp																										
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node											+					+										
Deep Cervical, Adenocarcinoma, Metastatic, Mammary Gland																X										
Renal, Nephroblastoma, Metastatic, Kidney											X															

* .. Total animals with tissue examined microscopically; Total animals with tumor
\+ .. Tissue examined microscopically
X .. Lesion present
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HARLAN SPRAGUE DAWLEY RATS FEMALE 10000 ppm Female																										
DAY ON TEST	0002	0002	0003	0004	0004	0008	0008	0037	0314	0488	0515	0576	0592	0616	0620	0624	0642	0655	0659	0685	0701	0718	0723	0732	0732	
ANIMAL ID	0048	0048	0049	0049	0049	0045	0045	0047	0045	0045	0046	0048	0047	0047	0049	0047	0046	0045	0049	0049	0048	0050	0045	0045	0047	females (cont...)
Lymph Node, Mandibular	+	+	M	M	M	+	M	+	+	+	M	+	+	M	+	+	M	+	+	M	+	+	+	+	+	
Lymph Node, Mesenteric	M	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																				X		X				
Spleen	M	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymus	M	+	M	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
INTEGUMENTARY SYSTEM																										
Mammary Gland	M	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma																X										
Fibroadenoma												X	X		X		X	X						X		
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	
Subcutaneous Tissue, Sarcoma																			X							
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skeletal Muscle																				+		+				
Adenocarcinoma, Metastatic, Uterus																				X		X				
NERVOUS SYSTEM																										
Brain	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
RESPIRATORY SYSTEM																										
Lung	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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HARLAN SPRAGUE DAWLEY RATS FEMALE 10000 ppm Female																										
DAY ON TEST	0002	0002	0003	0004	0004	0008	0008	0037	0314	0488	0515	0576	0592	0616	0620	0624	0642	0655	0659	0685	0701	0718	0723	0732	0732	
ANIMAL ID	0048	0048	0049	0049	0049	0045	0045	0047	0045	0045	0046	0048	0047	0047	0049	0047	0046	0045	0049	0049	0048	0050	0045	0045	0047	females (cont...)
Adenocarcinoma, Metastatic, Mammary Gland																X										
Adenocarcinoma, Metastatic, Uterus																						X				
Hepatocellular Carcinoma, Metastatic, Liver																							X			
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
URINARY SYSTEM																										
Kidney	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nephroblastoma											X															
Urethra																										
Urinary Bladder	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenocarcinoma, Metastatic, Uterus																				X						
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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\+ .. Tissue examined microscopically
X .. Lesion present
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M .. Missing tissue
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HARLAN SPRAGUE DAWLEY RATS FEMALE

10000 ppm Female

DAY ON TEST	732	732	732	732	732	735	735	735	735	735	735	735	736	736	736	736	736	736	737	737	737	737	737	737	
ANIMAL ID	0042	0047	0048	0048	0048	0045	0045	0046	0046	0046	0049	0049	0046	0046	0046	0046	0048	0049	0049	0047	0047	0047	0048	0048	* TOTALS
ALIMENTARY SYSTEM																									
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Adenocarcinoma, Metastatic, Uterus																									**1**
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Adenocarcinoma, Metastatic, Uterus																									**2**
Cholangioma																									**1**
Hepatocellular Adenoma							X				X													X	**3**
Hepatocellular Adenoma, Multiple													X										X		**2**
Hepatocellular Carcinoma	X													X			X					X	X		**7**
Hepatocellular Carcinoma, Multiple					X																				**1**
Mesentery																									**1**
Adenocarcinoma, Metastatic, Uterus																									**1**
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Adenocarcinoma, Metastatic, Uterus																									**2**
Acinus, Adenoma											X														**1**

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\+ .. Tissue examined microscopically
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M .. Missing tissue
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BLANK .. Not examined microscopically

HARLAN SPRAGUE DAWLEY RATS FEMALE

10000 ppm Female

DAY ON TEST	0732	0732	0732	0732	0732	0735	0735	0735	0735	0735	0735	0735	0736	0736	0736	0736	0736	0736	0736	0737	0737	0737	0737	0737	0737	
ANIMAL ID	0047 2	0047 9	0048 0	0048 1	0048 2	0045 1	0045 3	0046 0	0046 1	0046 2	0049 1	0049 4	0046 3	0046 4	0046 7	0046 9	0048 3	0049 5	0049 9	0047 5	0047 6	0047 8	0048 7	0048 8	0048 9	* TOTALS
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**
Sarcoma																										**1**
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Sarcoma					X																					**1**
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Adenocarcinoma, Metastatic, Uterus																										**1**
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Endocardium, Schwannoma Malignant																						X				**1**
ENDOCRINE SYSTEM																										
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Adenocarcinoma, Metastatic, Uterus																										**1**
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Parathyroid Gland	+	+	+	+	+	M	+	+	+	M	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	**38**
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Pars Distalis, Adenoma																										**1**
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
C-cell, Adenoma							X		X		X						X					X				**7**

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HARLAN SPRAGUE DAWLEY RATS FEMALE

10000 ppm Female

DAY ON TEST	0732	0732	0732	0732	0732	0735	0735	0735	0735	0735	0735	0735	0736	0736	0736	0736	0736	0736	0736	0737	0737	0737	0737	0737	0737	
ANIMAL ID	0047 2	0047 9	0048 0	0048 1	0048 2	0045 1	0045 3	0046 0	0046 1	0046 2	0049 1	0049 4	0046 3	0046 4	0046 7	0046 9	0048 3	0049 5	0049 9	0047 5	0047 6	0047 8	0048 7	0048 8	0048 9	* TOTALS
C-cell, Carcinoma																										**1**
Follicular Cell, Adenoma																X					X					**2**
GENERAL BODY SYSTEM																										
NONE																										
GENITAL SYSTEM																										
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**46**
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Bilateral, Adenocarcinoma, Metastatic, Uterus																										**2**
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**
Polyp Stromal				X		X													X		X		X			**8**
Schwannoma Malignant																		X								**1**
Squamous Cell Carcinoma, Multiple																										**1**
Endometrium, Adenocarcinoma					X										X											**6**
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Polyp													X													**1**
HEMATOPOIETIC SYSTEM																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Lymph Node																										**2**
Deep Cervical, Adenocarcinoma, Metastatic, Mammary Gland																										**1**
Renal, Nephroblastoma, Metastatic, Kidney																										**1**

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HARLAN SPRAGUE DAWLEY RATS FEMALE

10000 ppm Female

DAY ON TEST	0732	0732	0732	0732	0732	0735	0735	0735	0735	0735	0735	0735	0736	0736	0736	0736	0736	0736	0736	0737	0737	0737	0737	0737	0737	
ANIMAL ID	0042	0047	0048	0048	0048	0045	0045	0046	0046	0046	0049	0049	0046	0046	0046	0046	0048	0049	0049	0047	0047	0047	0048	0048	0048	* TOTALS
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**42**
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Adenocarcinoma, Metastatic, Uterus																										**2**
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Thymus	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**45**
INTEGUMENTARY SYSTEM																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**47**
Adenocarcinoma																										**1**
Fibroadenoma						X								X		X								X		**10**
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
Subcutaneous Tissue, Sarcoma																										**1**
MUSCULOSKELETAL SYSTEM																										
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**50**
Skeletal Muscle																										**2**
Adenocarcinoma, Metastatic, Uterus																										**2**
NERVOUS SYSTEM																										
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**49**
RESPIRATORY SYSTEM																										
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	**48**

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HARLAN SPRAGUE DAWLEY RATS FEMALE

10000 ppm Female

DAY ON TEST	0732	0732	0732	0732	0732	0735	0735	0735	0735	0735	0735	0736	0736	0736	0736	0736	0736	0736	0737	0737	0737	0737	0737	0737		
ANIMAL ID	0042	0047	0048	0048	0048	0045	0045	0046	0046	0046	0049	0049	0046	0046	0046	0046	0048	0049	0049	0047	0047	0047	0048	0048	0048	* TOTALS
Adenocarcinoma, Metastatic, Mammary Gland																										1
Adenocarcinoma, Metastatic, Uterus																										1
Hepatocellular Carcinoma, Metastatic, Liver																										1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
SPECIAL SENSES SYSTEM																										
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
URINARY SYSTEM																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Nephroblastoma																										1
Urethra													+													1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenocarcinoma, Metastatic, Uterus																										1
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

*** END OF REPORT ***

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M .. Missing tissue
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BLANK .. Not examined microscopically