

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

C Number:	C55765
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	07/06/1989

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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
		Necrosis	Mild
Note: HEPATOCLR CARC TGLs = 1-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL			
Spleen		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-1			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 639 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Thymus			
OBSERVATIONS			
Eye Note: INFLAMMATION TGLs = 1-7	Cornea	Inflammation	Chronic Active, Mild
Liver Note: HEPATOCLR ADEN TGLs = 3,6-9		Eosinophilic Focus Hepatocellular Adenoma	Mild
Lung Note: HYPERPLASIA TGLs = 4,5-2 [Hyperplasia TGLS = 5-2]	Alveolar Epith	Alveolar/Bronchiolar Adenoma Hyperplasia	Mild
Lymph Node Note: MANDIBULAR LN NORMAL			
Skin Note: INFLAMMATION TGLs = 2-5+8		Inflammation	Chronic Active, Marked
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND D T EYE & SKIN LESIONS			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Parathyroid Gland			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-7+8			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: TGL 2,ENLARGED MANDIB LN, IS WITHIN NORMAL LIMITS			
Note: ANGIECTASIS TGLs = 3-4			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4-4			
PRIMARY CAUSE OF DEATH	-		

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Lab: BAT

ANIMAL ID: 4	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 2-7+8			
Harderian Gland		Adenoma	
Intestine Large	Colon	Parasite Metazoan	
Liver		Hepatocellular Adenoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL			
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 1-9			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 1-7+8	Tarsal	Hyperostosis	
Eye Note: DEGEN TGLs = 3-9		Degeneration	Moderate
Harderian Gland Note: ADENOMA TGLs = 4-9		Adenoma	
Kidney		Nephropathy	Chronic, Minimal
Liver Note: HEPATOCLR ADEN TGLs = 2-1		Hepatocellular Adenoma	Multiple
Lymph Node Note: MANDIBULAR LN NORMAL			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

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Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Blood	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Mild
Bone	Tarsal	Hyperostosis	
Note: [HYPEROSTOSIS] TGLs = 2-7+8			
Harderian Gland		Inflammation	Suppurative, Marked
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
Note: [HEPATOCLR ADEN] TGLs = 3-1+9			
Note: [HEPATOCLR CARC] TGLs = 3-1+9			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: MOSTLY ALVEOLAR MACROPHAGES FILLED WITH PINK			
Note: MATERIAL; OTHERWISE MOSTLY NEUTROPHILS			
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: MANDIBULAR LN NORMAL			
Note: [ANGIECTASIS] TGLs = 4-4			
Spleen			
Note: ENLARGED SPLEEN WITHIN NORMAL LIMITS ON MICRO			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH -			

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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Mixed Cell Focus	
Lung		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 2-2			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: MANDIBULAR LN NORMAL			
Note: [ANGIECTASIS] TGLs = 1-4			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1,2-1+7			
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL			
Tooth	Incisor, Upper	Dysplasia	Moderate
PRIMARY CAUSE OF DEATH			
-			

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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Natural Death	DAY ON TEST: 650 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Intestine Small - Ileum	Thymus		
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
OBSERVATIONS			
Bone Marrow	Femoral	Hemangiosarcoma	
Gallbladder			
Note: MASS IN SLIDE 7 (TGL 2) WAS LIVER, NOT GALLBL.			
Liver		Hemangiosarcoma	Multiple
		Hepatocellular Carcinoma	
[Hemangiosarcoma TGLS = 2-1+7]			
[Hepatocellular Carcinoma TGLS = 3-1]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node			
Note: MANDIBULAR LN NORMAL			
Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-1]			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD:HEMANGIOSARCOMAS & HEPATOCELLULAR CARCINOMA			

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Test Type: CHRONIC
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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 1-7	Tarsal	Hyperostosis	
Kidney		Nephropathy	Chronic, Minimal
Liver		Hemangiosarcoma	
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node Note: MANDIBULAR LN NORMAL			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-7			
Harderian Gland		Hyperplasia	Minimal
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 680 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-8			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1,3,4-1+7+9			
Note: MANDIBULAR LN NORMAL.			
Mesentery			
Note: MASS AT NECROPSY WAS PANCREATIC LN(LYMPHOMA).			
Pancreas			
Note: MASS AT NECROPSY WAS LIVER(HEPATOCELLULAR CARCINOMA).			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD-LYMPHOMA			

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Lab: BAT

ANIMAL ID: 13	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 3-7			
Note: ANGIECTASIS TGLs = 3-7			
Note: MANDIBULAR LN WITHIN NORMAL LIMITS ON MICRO.			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland	Duct	Dilatation	Moderate
Note: DILATATION TGLs = 1-6			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Natural Death	DAY ON TEST: 609 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Mild
Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
		Infarct	Multifocal, Mild
Note: HEPATOCLR CARC TGLs = 1-7			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Lymphoma Malignant Mixed	
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 2-7			
Note: LYMPH MAL MIXD TGLs = 2-7			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD-HEPATOCELLULAR CARCINOMA			

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Species/Strain: Mouse/B6C3F1

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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Natural Death	DAY ON TEST: 678 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
MISSING			
Intestine Large - Rectum	Intestine Small - Ileum	Thymus	Urinary Bladder
AUTO PRECLUDES DIAG.			
Intestine Small - Duodenum	Spleen	Thyroid Gland	
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 1-7 Liver	Tarsal	Hyperostosis	
		Hepatocellular Adenoma Infarct Lymphoma Malignant Histiocytic	Multifocal, Marked
Note: LYMPH MAL HIST TGLs = 3-1+8 Note: HEPATOCLR ADEN TGLs = 5-8 Lung Lymph Node Note: MANDIBULAR LN NORMAL. Mesentery Tooth	Inguinal	Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Dysplasia	Minimal
PRIMARY CAUSE OF DEATH -			
Animal Note: COD & ABDOMINAL FLUID DUE TO LYMPHOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16		TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain	
Epididymis	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	
Nose	Pancreas	Parathyroid Gland	Prostate	
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular	
Testes	Thymus	Thyroid Gland	Trachea	
Urinary Bladder				
MISSING				
Pituitary Gland				
OBSERVATIONS				
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 1-8				
Kidney		Nephropathy	Chronic, Minimal	
Liver		Clear Cell Focus	Moderate	
		Hepatocellular Adenoma		
		Lymphoma Malignant Histiocytic		
Note: HEPATOCLR ADEN TGLs = 3-7				
Lung		Alveolar/Bronchiolar Adenoma		
	Alveolar Epith	Hyperplasia	Mild	
Note: ALV BRON ADEN TGLs = 4-2				
Lymph Node				
Note: MANDIBULAR LN NORMAL.				
Salivary Glands		Lymphoma Malignant Histiocytic		
Note: LYMPH MAL HIST TGLs = 2-3				
Tooth	Incisor, Upper	Dysplasia	Moderate	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Liver		Clear Cell Focus Fatty Change Hepatocellular Adenoma	Moderate Minimal
Note: HEPATOCLR ADEN TGLs = 1,2-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-6			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Gallbladder	Intestine Large - Rectum		
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	Marked
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 1,2-1+7			
Note: HEPATOCLR ADEN TGLs = 2-1			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 4-2			
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 3-7			
Pancreas	Acinus	Atrophy	Mild
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Angiectasis	Mild
Note: MANDIBULAR LN WITHIN NORMAL LIMITS(TGL#1)			
Note: ANGIECTASIS TGLs = 2-4			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21		TRT#: 1 DOSE: 0 PPM 0-0		SEX: Male DISP: Terminal Sacrifice		DAY ON TEST: 737 HISTO:	
ORGAN AND ACCOUNTABLE SITE STATUS							
NORMAL							
Adrenal Gland - Medulla		Blood		Bone Marrow		Brain	
Epididymis		Esophagus		Gallbladder		Heart	
Intestine Large - Cecum		Intestine Large - Colon		Intestine Large - Rectum		Intestine Small - Duodenum	
Intestine Small - Ileum		Intestine Small - Jejunum		Islets, Pancreatic		Nose	
Parathyroid Gland		Pituitary Gland		Prostate		Salivary Glands	
Skin		Stomach - Forestomach		Stomach - Glandular		Testes	
Thyroid Gland		Trachea		Urinary Bladder			
MISSING							
Thymus							
OBSERVATIONS							
Adrenal Gland		Cortex		Hypertrophy		Mild	
Bone		Tarsal		Hyperostosis			
Note: HYPEROSTOSIS TGLs = 5-7							
Kidney				Nephropathy		Chronic, Minimal	
Liver				Hemangiosarcoma			
Note: HEMANGIOSARC TGLs = 3-1							
Lung				Alveolar/Bronchiolar Adenoma			
Lymph Node		Inguinal		Lymphoma Malignant Mixed			
		Mandibular		Lymphoma Malignant Mixed			
		Mesenteric		Lymphoma Malignant Mixed			
		Renal		Lymphoma Malignant Mixed			
Note: LYMPH MAL MIXD TGLs = 2,4-6+8							
Pancreas		Acinus		Focal Cellular Change			
Spleen				Hematopoietic Cell Proliferation		Mild	
Note: HEMA CELL PROL TGLs = 1-1							
Tooth		Incisor, Upper		Dysplasia		Mild	
PRIMARY CAUSE OF DEATH		-					

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-7			
Kidney		Nephropathy	Chronic, Mild
Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
Note: FOCUS ON MEDIAN LOBE WAS NOT SEEN AT TRIM OR ON MICRO. [Hepatocellular Adenoma TGLS = 3-8]			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23		TRT#: 1		SEX: Male		DAY ON TEST: 738	
		DOSE: 0 PPM 0-0		DISP: Terminal Sacrifice		HISTO:	
ORGAN AND ACCOUNTABLE SITE STATUS							
NORMAL							
Adrenal Gland - Cortex		Adrenal Gland - Medulla		Bone Marrow		Epididymis	
Esophagus		Gallbladder		Heart		Intestine Large - Cecum	
Intestine Large - Colon		Intestine Large - Rectum		Intestine Small - Duodenum		Intestine Small - Ileum	
Intestine Small - Jejunum		Islets, Pancreatic		Lymph Node		Nose	
Pancreas		Parathyroid Gland		Pituitary Gland		Prostate	
Salivary Glands		Skin		Spleen		Stomach - Forestomach	
Stomach - Glandular		Testes		Thyroid Gland		Trachea	
Urinary Bladder							
MISSING							
Thymus							
OBSERVATIONS							
Bone		Tarsal		Hyperostosis			
Note: HYPEROSTOSIS		TGLs = 2-8					
Brain		Artery		Inflammation		Chronic Active, Mild	
Kidney		Artery		Inflammation		Chronic Active, Moderate	
Liver				Basophilic Focus		Mild	
				Hemangiosarcoma			
Note: HEMANGIOSARC		TGLs = 1-1+7					
Lung		Alveolar Epith		Hyperplasia		Moderate	
Lymph Node							
Note: MANDIBULAR LN NORMAL.							
Mesentery		Artery		Inflammation		Chronic Active, Mild	
Skeletal Muscle		Artery		Inflammation		Chronic Active, Mild	
Tooth		Incisor, Upper		Dysplasia		Minimal	
PRIMARY CAUSE OF DEATH		-					

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	TRT#: 1	SEX: Male	DAY ON TEST: 738
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Parathyroid Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Mild
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 2-2+7			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 1-4			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-7			
Lung	Alveolar Epith	Hyperplasia	Moderate
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-7]			
Thymus		Lymphoma Malignant Mixed	
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Natural Death	DAY ON TEST: 683 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
MISSING			
Thymus			
AUTO PRECLUDES DIAG.			
Gallbladder			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Mild
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-8+9			
Kidney	Pelvis	Inflammation	Suppurative, Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Skin		Inflammation	Chronic Active, Minimal
Note: INFLAMMATION TGLs = 2-7			
Tooth	Incisor, Upper	Dysplasia	Minimal
Urinary Bladder		Inflammation	Chronic Active, Moderate
PRIMARY CAUSE OF DEATH -			
Animal Note: COD MAY HAVE BEEN URINARY INFLAMMATION.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-7+8			
Harderian Gland		Hyperplasia	Moderate
Kidney		Cyst	
		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Mild
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-7			
Harderian Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 2-5+8			
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Mixed Cell Focus	Moderate
		Alveolar/Bronchiolar Carcinoma	
Lung			
Note: ALV BRON CARC TGLs = 3-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 673 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		
INSUFFICIENT TISSUE			
Thymus			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 2-8+9			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Fibrosarcoma	Metastatic (Skin)
Note: ANGIECTASIS TGLs = 3-4			
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 1-7			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND SAC DUE TO FIBROSARCOMA ON HEAD			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Bronchial	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-8+9			
Harderian Gland		Adenoma	
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
[Hematopoietic Cell Proliferation TGLS = 3,4-7]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Angiectasis	Marked
Note: MANDIBULAR LN NORMAL.			
Note: [ANGIECTASIS] TGLs = 5-4			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Angiectasis	Focal, Mild
		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-1]			
Thyroid Gland	Follicular Cel	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Bone	Tarsal	Hyperostosis	
Note: TARSALS POPPED OUT OF SECTION ON SLIDE 8;BEST POSSIBLE.			
Note: HYPEROSTOSIS TGLs = 2-7+8			
Kidney		Nephropathy	Chronic, Mild
Liver		Eosinophilic Focus	Mild
Note: HEPATOCLR ADEN TGLs = 1-9			
Lymph Node		Hepatocellular Adenoma	
Note: MANDIBULAR LN NORMAL.			
Spleen		Hemangiosarcoma	
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32		TRT#: 1	SEX: Male	DAY ON TEST: 678
		DOSE: 0 PPM 0-0	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Medulla		Blood	Bone Marrow	Brain
Epididymis		Esophagus	Gallbladder	Heart
Intestine Large - Cecum		Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum		Islets, Pancreatic	Kidney	Nose
Pancreas		Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands		Skin	Stomach - Forestomach	Stomach - Glandular
Testes		Thymus	Thyroid Gland	Trachea
Urinary Bladder				
OBSERVATIONS				
Adrenal Gland		Cortex	Hypertrophy	Minimal
Bone		Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-7				
Intestine Small		Jejunum	Inflammation	Necrotizing, Acute, Moderate
		Jejunum	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4,5-9				
Liver			Hepatocellular Adenoma	
Lung			Lymphoma Malignant Lymphocytic	
Lymph Node		Mandibular	Lymphoma Malignant Lymphocytic	
		Mediastinal	Lymphoma Malignant Lymphocytic	
		Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2,6-2+4+8				
Spleen			Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-1]				
PRIMARY CAUSE OF DEATH		-		
Animal Note: MORIBUND DUE TO LYMPHOMA.				

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-7+8			
Kidney		Nephropathy	Chronic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			
Animal Note: OTHER TARSAL BONES LOST; NO BLOCK 8 MADE.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Marked
Kidney		Nephropathy	Chronic, Minimal
Liver		Cyst	
		Necrosis	Mild
Note: CYST TGLs = 1-7			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 2-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 667 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Testes
Thyroid Gland	Trachea	Urinary Bladder	
INSUFFICIENT TISSUE			
Thymus			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 2-8			
Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
Liver		Hepatocellular Carcinoma	
		Infarct	Multifocal, Marked
		Regeneration	Diffuse, Moderate
Note: PROMINENT; VARIATION IN HEPATOCYTE SIZE & STAINING.			
Note: LIVER SEEMS HYPERCELLULAR; MANY BILE DUCTS ARE ALSO			
[Regeneration TGLS = 1-7]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 3-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Glandular	Inflammation	Necrotizing, Acute, Mild
Note: INFLAMMATION TGLs = 4-4			
PRIMARY CAUSE OF DEATH		-	
Animal Note: MORIBUND DUE TO HEPATOCELLULAR CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		
MISSING			
Thymus			
INSUFFICIENT TISSUE			
Gallbladder			
OBSERVATIONS			
Bone	Femur	Fibrosis	Focal, Mild
	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-7			
Harderian Gland		Adenoma	
		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mesentery		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Blood	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-9+10			
Intest Large			
Note: TGL#4 WAS ACTUALLY IN SMALL INTESTINE, NOT LARGE.			
Intestine Small	Jejunum	Inflammation	Necrotizing, Acute, Moderate
	Jejunum	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-8			
Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 5-1			
Lymph Node	Lumbar	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3,6,7-8			
Note: MANDIBULAR LN NORMAL.			
Prostate		Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 2-1			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	TRT#: 1	SEX: Male	DAY ON TEST: 743
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 1-4			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone Marrow	Brain	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Minimal
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-8			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-1			
Lung	Alveolar Epith	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Focal, Marked
Note: METAPL TGLs = 3-2			
Note: HYPERPLASIA TGLs = 3-2			
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 4-7			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	TRT#: 1	SEX: Male	DAY ON TEST: 743
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Pituitary Gland			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-9+10			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3-7			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 4-4			
[Angiectasis TGLS = 4-4]			
Preputial Gland	Duct	Dilatation	Mild
		Inflammation	Chronic Active, Moderate
Note: INFLAMMATION TGLs = 2-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	TRT#: 1	SEX: Male	DAY ON TEST: 463
	DOSE: 0 PPM 0-0	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Gland	Corticomed Jct	Hepatocellular Carcinoma	Metastatic (Liver)
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-7]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Liver	Lung
Lymph Node	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 2-7	Tarsal	Hyperostosis	
Islets, Pancreatic Note: ADENOMA TGLs = 1-4		Adenoma	
Kidney		Nephropathy	Chronic, Minimal
Lymph Node Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	Follicle	Cyst Multilocular	
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Kidney		Metaplasia	Osseous, Mild
		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-1			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone Marrow	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Moderate
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-7+8			
Brain	Meninges	Infiltration Cellular	Lymphocyte, Moderate
Kidney		Hydronephrosis	Marked
		Infiltration Cellular	Lymphocyte, Moderate
		Nephropathy	Chronic, Minimal
[Hydronephrosis TGLS = 2-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	Mild
Note: HEPATOCLR ADEN TGLs = 1,2-1			
Lung		Inflammation	Chronic Active, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Preputial Gland	Duct	Dilatation	Moderate
Note: DILATATION TGLs = 3-7			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 3-8+9	Tarsal	Hyperostosis	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver Note: HEPATOCLR ADEN TGLs = 1-1		Hepatocellular Adenoma	
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node Note: MANDIBULAR LN NORMAL.			
Preputial Gland Note: DILATATION TGLs = 2-7	Duct	Dilatation	Moderate
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	TRT#: 1	SEX: Male	DAY ON TEST: 540
	DOSE: 0 PPM 0-0	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Gallbladder			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
		Infarct	Multifocal, Moderate
Note: HEPATOCLR ADEN TGLs = 1-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Prostate	Artery	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD-HEPATOCELLULAR ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Hypertrophy	Mild
Bone Marrow	Femoral	Hemangiosarcoma	
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 1-7			
Heart		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-2			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 4-1			
Note: TGL#3 IN SLIDE 1 IS HIATAL STRESS NODULE, NOT NEOPLASM.			
Lymph Node	Mesenteric	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 5-8			
Note: TGL#5-COULD CONFUSE HEMANGIOSARCOMA WITH ANGIECTASIS,			
Note: BUT ENDOTHELIUM IS VERY PLUMP HERE, AND TUMOR ALSO			
Note: MANDIBULAR LN NORMAL.			
Note: SEEN IN SPLEEN, BONE MARROW & HEART.			
Spleen		Hemangiosarcoma	
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 1	SEX: Male	DAY ON TEST: 741
	DOSE: 0 PPM 0-0	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND DUE TO HEMANGIOSARCOMAS.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	TRT#: 1	SEX: Male	DAY ON TEST: 744
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Thymus			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-9+10			
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 6-1]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2,4,5-6+7+8			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 1 DOSE: 0 PPM 0-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
		Fatty Change	Minimal
Note: NODULE WAS CLEAR CELL FOCUS, NOT NEOPLASM, ON MICRO.			
Note: CLEAR CL FOCUS TGLs = 1-1			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2-2			
Note: ALV BRON CARC TGLs = 2-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	TRT#: 2	SEX: Male	DAY ON TEST: 734
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 6-5			
Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-4			
Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant Mixed	
[Hepatocellular Carcinoma TGLS = 3-3]			
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,5-2+4]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
OBSERVATIONS			
Liver		Basophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	Mild Multiple
[Hepatocellular Adenoma TGLS = 2-1] [Hepatocellular Carcinoma TGLS = 2-1]			
Lymph Node	Mesenteric	Edema	Minimal
[Edema TGLS = 3-3]			
Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:29

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 83	TRT#: 2	SEX: Male	DAY ON TEST: 734
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	TRT#: 2	SEX: Male	DAY ON TEST: 734
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Clear Cell Focus	Minimal
		Cytomegaly	Cystic, Mild
		Degeneration	
[Degeneration TGLS = 1-1+3]			
Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	Mild
		Hyperplasia	
Note: ALV BRON CARC TGLs = 2-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Eosinophilic Focus Fatty Change Hepatocellular Adenoma	Minimal Mild Mild Multiple
[Cytomegaly TGLS = 1,2-2+3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Natural Death	DAY ON TEST: 646 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Heart	Lung
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Pancreas	Skin	Thymus
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
Liver		Infarct	Multifocal, Marked
		Lymphoma Malignant Histiocytic	
Note: INFARCT TGLs = 2-1 [Infarct TGLS = 2-1]			
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 3-8]			
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-7			
Thyroid Gland	Follicular Cel	Adenoma	
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD: LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
OBSERVATIONS			
Liver		Hemangiosarcoma Hepatocellular Adenoma Infarct	Multiple Multifocal, Marked
[Hemangiosarcoma TGLS = 1-1] [Infarct TGLS = 1-1+2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 720 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Skin	Spleen	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Salivary Glands	Thymus		
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Moderate
Liver		Hepatocellular Carcinoma	
		Infarct	Multifocal, Marked
[Infarct TGLS = 2-8]			
Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
Note: ALV BRON ADEN TGLs = 3-2			
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: NO MANDIBULAR LN.			
Note: ANGIECTASIS TGLs = 1-7			
Stomach	Glandular	Mineralization	Minimal
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR TUMOR.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:29

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 89	TRT#: 2	SEX: Male	DAY ON TEST: 735
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Lymph Node			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-2			
Liver		Hepatocellular Adenoma	Multiple
Lymph Node			
Note: MANDIBULAR LN NORMAL AT MICRO.			
Preputial Gland		Inflammation	Chronic Active, Moderate
Note: INFLAMMATION TGLs = 2-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	TRT#: 2	SEX: Male	DAY ON TEST: 735
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Seminal Vesicle			
OBSERVATIONS			
Liver		Fatty Change	Minimal
Sem Ves			
Note: ENLARGED SEM VESICLE NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Liver		Clear Cell Focus	
Centrilobular		Cytomegaly	Mild
[Cytomegaly TGLS = 2-1+2]		Hepatocellular Adenoma	Multiple
Spleen			
Note: MOTTLED SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma	Minimal Multiple
Note: ONE ADENOMA WAS DIFFUSELY NECROTIC. [Cytomegaly TGLS = 1,2-2+4]			
Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-3] [Alveolar/Bronchiolar Carcinoma TGLS = 3-3]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	TRT#: 2	SEX: Male	DAY ON TEST: 736
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver	Lymph Node		
OBSERVATIONS			
Bone		Osteosarcoma	
[Osteosarcoma TGLS = 1-2]			
Lymph Node			
Note: ENLARGED MESENTERIC LN NORMAL ON MICRO.			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 3-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	TRT#: 2	SEX: Male	DAY ON TEST: 736
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-2			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	TRT#: 2	SEX: Male	DAY ON TEST: 716
	DOSE: 0 PPM 10-0	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Gallbladder			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Marked
Liver		Hepatocellular Carcinoma	Multiple
		Infarct	Multifocal, Mild
Note: HEPATOCLR CARC TGLs = 1,2-7+8+9			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 3-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: HEPATOCELLULAR NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS Liver	Centrilobular	Cytomegaly Hepatocellular Carcinoma	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-2+3]	Tarsal	Hyperostosis	
Lymph Node [Angiectasis TGLS = 2-4]	Mesenteric	Angiectasis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Natural Death	DAY ON TEST: 633 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Islets, Pancreatic	Nose
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
Intestine Large	Rectum	Lymphoma Malignant Mixed	
Intestine Small	Duodenum	Lymphoma Malignant Mixed	
	Ileum	Lymphoma Malignant Mixed	
	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-4+7			
Kidney		Lymphoma Malignant Mixed	
Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant Mixed	
Note: HEPATOCLR CARC TGLs = 3-7			
Lung		Alveolar/Bronchiolar Carcinoma	
		Lymphoma Malignant Mixed	
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-8			
Note: MANDIBULAR LN NORMAL.			
Pancreas		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	TRT#: 2	SEX: Male	DAY ON TEST: 737
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 3-4+5			
Eye		Degeneration	Marked
Note: DEGEN TGLs = 1-2			
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 2-2			
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 4-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	TRT#: 2	SEX: Male	DAY ON TEST: 738
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-5]			
Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-1+2+3]			
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 4-1]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	TRT#: 2	SEX: Male	DAY ON TEST: 738
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-4+5]			
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: MANDIBULAR LN WITHIN NORMAL LIMITS ON MICRO.			
[Angiectasis TGLS = 3-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	TRT#: 2	SEX: Male	DAY ON TEST: 633
	DOSE: 0 PPM 10-0	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Gallbladder	Thymus		
OBSERVATIONS			
Ear		Basal Cell Carcinoma	
Note: [BASAL CEL CARC] TGLs = 1-7			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-1]			
Lung		Carcinoma	Metastatic (Ear)
Lymph Node	Deep Cervical	Carcinoma	Metastatic (Ear)
Note: MANDIBULAR LN NORMAL.			
Note: CARCINOMA TGLs = 2-7			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO CARCINOMA THAT METASTASIZED.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	TRT#: 2	SEX: Male	DAY ON TEST: 738
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 3-7]			
Kidney		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-6]			
Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infarct	Multifocal, Moderate
		Lymphoma Malignant Mixed	
Note: HEPATOCLR CARC TGLs = 1-4			
[Hepatocellular Carcinoma TGLS = 1-2+3]			
[Lymphoma Malignant Mixed TGLS = 1-1+3]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5]			
PRIMARY CAUSE OF DEATH	-		

ANIMAL ID: 105	TRT#: 2	SEX: Male	DAY ON TEST: 738
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	
[Degeneration TGLS = 2-1]			
Lymph Node	Mesenteric	Angiectasis	Minimal
Note: ANGIECTASIS TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106		TRT#: 2		SEX: Male		DAY ON TEST: 576	
		DOSE: 0 PPM 10-0		DISP: Moribund Sacrifice		HISTO:	
ORGAN AND ACCOUNTABLE SITE STATUS							
NORMAL							
Adrenal Gland - Cortex		Adrenal Gland - Medulla		Bone Marrow		Brain	
Epididymis		Esophagus		Eye		Gallbladder	
Heart		Intestine Large - Cecum		Intestine Large - Rectum		Intestine Small - Duodenum	
Intestine Small - Ileum		Intestine Small - Jejunum		Islets, Pancreatic		Kidney	
Lymph Node		Nose		Parathyroid Gland		Prostate	
Salivary Glands		Skin		Stomach - Forestomach		Stomach - Glandular	
Testes		Thyroid Gland		Trachea		Urinary Bladder	
MISSING							
Pituitary Gland		Thymus					
OBSERVATIONS							
Bone		Tarsal		Hyperostosis			
Note: HYPEROSTOSIS TGLs = 4-7+8							
Eye							
Note: GROSSLY SMALL EYE NORMAL ON MICRO.							
Intestine Large		Colon		Parasite Metazoan			
Liver				Angiectasis			
				Basophilic Focus			
				Hepatocellular Carcinoma			
				Infarct			
Note: HEPATOCLR CARC TGLs = 3-9				Multifocal, Moderate			
Lung				Alveolar/Bronchiolar Adenoma			
Lymph Node							
Note: MANDIBULAR LN NORMAL.							
Pancreas		Acinus		Focal Cellular Change			
Spleen				Lymphoma Malignant Mixed			
Urin Bladder							
Note: GROSSLY ENLARGED U BLADDER NORMAL ON MICRO.							
PRIMARY CAUSE OF DEATH		-					
Animal Note: MORIBUND DUE TO HEPATOCELLULAR CARCINOMA.							

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 491 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Liver		Clear Cell Focus Hepatocholangiocarcinoma	
Note: [HEPATOCHOLCARC] TGLs = 3-7			
Lung		Alveolar/Bronchiolar Adenoma Hepatocholangiocarcinoma	Metastatic (Uncertain Primary Site)
Note: [HEPATOCHOLCARC] TGLs = 1,2-2			
Note: PRIMARY-SITE IS LIVER			
Note: ALV BRON ADEN TGLs = 2-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mesentery		Hepatocholangiocarcinoma	Metastatic (Uncertain Primary Site)
Note: PRIMARY-SITE IS LIVER			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO TUMORS IN LIVER & LUNGS.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	TRT#: 2	SEX: Male	DAY ON TEST: 741
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
[Degeneration TGLS = 3-3]			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 2-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Natural Death	DAY ON TEST: 575 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Kidney	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	
AUTO PRECLUDES DIAG.			
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Pituitary Gland
INSUFFICIENT TISSUE			
Thymus			
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-7]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 2-7			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-2]	Tarsal	Hyperostosis	
Liver [Cytomegaly TGLS = 3,4-4+5]	Centrilobular	Cytomegaly Hepatocellular Adenoma	Mild Multiple
Spleen [Lymphoma Malignant Mixed TGLS = 2-3]		Lymphoma Malignant Mixed	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	TRT#: 2	SEX: Male	DAY ON TEST: 741
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 2-2+3]			
Lymph Node	Mesenteric	Angiectasis	Minimal
Note: ANGIECTASIS TGLs = 4-7			
Preputial Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 3-5]			
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-6]			
Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 5-4]			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: GROSS ZYMBALS MASS WAS ACTUALLY SKIN MASS.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	TRT#: 2	SEX: Male	DAY ON TEST: 741
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
Note: HEPATOCLR ADEN TGLs = 2,3-2+3			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4,5-4+6]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-5]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113		TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 696 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow	
Brain	Epididymis	Esophagus	Gallbladder	
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Nose	
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate	
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular	
Testes	Thymus	Trachea	Urinary Bladder	
OBSERVATIONS				
Ear				
Note: EAR NODULE ACTUALLLY SKIN NODULE.				
Intestine Small	Jejunum	Lymphoma Malignant Undifferentiated Cell Type		
Note: LYMPH MAL UNDF TGLs = 3-7				
Kidney		Nephropathy	Chronic, Mild	
Liver		Hepatocellular Adenoma	Multiple	
Note: HEPATOCLR ADEN TGLs = 1-10				
Lung		Alveolar/Bronchiolar Adenoma		
Lymph Node	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type		
Note: MANDIBULAR LN NORMAL.				
Note: LYMPH MAL UNDF TGLs = 2-8				
Skin	Subcut Tiss	Fibroma		
Note: FIBROMA TGLs = 4-9				
Thyroid Gland	Follicle	Cyst Multilocular		
PRIMARY CAUSE OF DEATH -				
Animal Note: MORIBUND DUE TO LIVER NEOPLASIA & LYMPHOMA.				

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 3-2]	Tarsal	Hyperostosis	
Liver [Hepatocellular Adenoma TGLS = 1-4]		Eosinophilic Focus Hepatocellular Adenoma	Moderate
Lung [Alveolar/Bronchiolar Carcinoma TGLS = 2-3]		Alveolar/Bronchiolar Carcinoma	Multiple
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	TRT#: 2	SEX: Male	DAY ON TEST: 742
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-3			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 3-2]			
Spleen			
Note: ENLARGED SPLEEN WITHIN NORMAL LIMITS ON MICRO.			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	TRT#: 2	SEX: Male	DAY ON TEST: 742
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 1-2+3]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	TRT#: 2	SEX: Male	DAY ON TEST: 642
	DOSE: 0 PPM 10-0	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Parathyroid Gland			
OBSERVATIONS			
Liver		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	
Note: HEMANGIOSARC TGLs = 3-1+7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1,2-7]			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO HEPATIC & SPLENIC NEOPLASMS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Clear Cell Focus Cytomegaly Hepatocellular Adenoma	Moderate Mild
Note: [CLEAR CL FOCUS] TGLs = 2-2 Note: HEPATOCLR ADEN TGLs = 1-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Natural Death	DAY ON TEST: 633 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Adenoma	
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 4,5-2]			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: MANDIBULAR LN NORMAL.			
[Angiectasis TGLS = 3-8]			
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-7]			
Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-8]			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: NEOPLASIA IN LUNG, SPLEEN & MUSCLE.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS Liver [Cytomegaly TGLS = 1-1+2+3]	Centrilobular	Cytomegaly Hepatocellular Adenoma	Mild Multiple
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	TRT#: 2	SEX: Male	DAY ON TEST: 743
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Stomach - Glandular			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-2			
Liver		Hepatocellular Adenoma	
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 2-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma Mixed Cell Focus	Minimal Multiple Minimal
Note: HEPATOCLR ADEN TGLs = 2,3-1+2			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 4-4			
Lymph Node	Mesenteric	Angiectasis	Minimal
Note: ANGIECTASIS TGLs = 1-3			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	TRT#: 2	SEX: Male	DAY ON TEST: 652
	DOSE: 0 PPM 10-0	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Mild
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Liver		Hepatocellular Adenoma	
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: MANDIBULAR LN NORMAL.			
Note: LYMPH MAL MIXD TGLs = 1-7			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS			
Harderian Gland [Adenoma TGLS = 1-2]		Adenoma	
Liver	Centrilobular	Clear Cell Focus Cytomegaly	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125		TRT#: 2	SEX: Male	DAY ON TEST: 744
		DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS				
Bone	Tarsal	Hyperostosis	Clear Cell Focus	Mild
[Hyperostosis TGLS = 1-4+5]				
Liver				
	Mesenteric	Edema	Hepatocellular Adenoma	Multiple
			Hepatocellular Carcinoma	Multifocal, Mild
[Infarct TGLS = 2,3-2+3]			Infarct	
Lymph Node				
[Edema TGLS = 4-6]				Minimal
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 605 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Gallbladder		Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
		Nephropathy	Chronic, Minimal
Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-1]			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1,2,3-1+3+4+6+7			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-1			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO LYMPHOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-2+3]	Tarsal	Hyperostosis	
Liver	Centrilobular	Basophilic Focus Cytomegaly	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128	TRT#: 2 DOSE: 0 PPM 10-0	SEX: Male DISP: Natural Death	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	
MISSING			
Intestine Small - Ileum	Urinary Bladder		
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
Liver		Infarct	Multifocal, Mild
		Lymphoma Malignant Histiocytic	
[Infarct TGLS = 2-1+8]			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 3-9			
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-7			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	TRT#: 2	SEX: Male	DAY ON TEST: 744
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mesenteric	Angiectasis	Minimal
[Angiectasis TGLS = 1-2]			
PRIMARY CAUSE OF DEATH			
-			

ANIMAL ID: 130	TRT#: 2	SEX: Male	DAY ON TEST: 744
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Eye	Cornea	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-3]			
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 5-5]			
[Hepatocellular Carcinoma TGLS = 3,4-1+4]			
Lymph Node	Mandibular	Edema	Moderate
[Edema TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 161

TRT#: 8

SEX: Male

DAY ON TEST: 31

DOSE: 300 PPM 0-10

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Kidney

Liver

Lung

Lymph Node - Mesenteric

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Testes

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Lymph Node

Note: MANDIBULAR LN NORMAL

Saliv Glands

Note: ENLARGED SALIV GLAND WITHIN NORMAL LIMITS ON MICRO.

Stomach

Glandular

Inflammation

Necrotizing, Acute, Moderate

Note: NO MICRO LESION TO ACCOUNT FOR SMALL STOMACH.

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORIBUND CONDITION UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 31 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node
Nose	Pancreas	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Parathyroid Gland	Thymus		
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Lymph Node			
Note: MANDIBULAR LN NORMAL			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORIBUND CONDITION UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 31 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Testes	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Thymus			
OBSERVATIONS			
Lymph Node			
Note: ENLARGED MESEN LN WITHIN NORMAL LIMITS ON MICRO.			
Saliv Glands			
Note: ENLARGED SALIVARY GLAND WITHIN NORMAL LIMITS			
Spleen			
Note: SMALL SPLEEN WITHIN NORMAL LIMITS ON MICRO.			
Stomach	Glandular	Inflammation	Necrotizing, Acute, Mild
Note: NO MICRO LESION ACCOUNTED FOR SMALL STOMACH.			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: CAUSE OF MORIBUND CONDITION UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	TRT#: 8	SEX: Male	DAY ON TEST: 31
	DOSE: 300 PPM 0-10	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Esophagus			
OBSERVATIONS			
Stomach	Glandular	Inflammation	Necrotizing, Acute, Moderate
Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165

TRT#: 8

SEX: Male

DAY ON TEST: 31

DOSE: 300 PPM 0-10

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pituitary Gland
Spleen
Thymus

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Prostate
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Salivary Glands
Stomach - Glandular
Trachea

MISSING

Gallbladder
Parathyroid Gland

OBSERVATIONS

Lymph Node
Note: MANDIBULAR LYMPH NODE NORMAL.

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORIBUND CONDITION UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 166	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 1-7	Tarsal	Hyperostosis	
Liver [Cytomegaly TGLS = 3-1]	Centrilobular	Clear Cell Focus Cytomegaly Degeneration Hepatocellular Adenoma	Mild Moderate Cystic, Moderate
Lymph Node Note: ANGIECTASIS TGLs = 4-8 Note: MANDIBULAR LN NORMAL	Mesenteric	Angiectasis	Marked
Preputial Gland Note: INFLAMMATION TGLs = 2-8 Note: DILATATION TGLs = 2-8	Duct	Dilatation Inflammation	Marked Chronic Active, Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 1-7+8	Tarsal	Hyperostosis	
Kidney		Nephropathy	Chronic, Mild
Liver		Clear Cell Focus	Minimal
	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Mild
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-10			
Lymph Node Note: MANDIBULAR LN NORMAL. Note: ANGIECTASIS TGLs = 3-9	Mesenteric	Angiectasis	Marked
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 644 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	
MISSING			
Thymus			
OBSERVATIONS			
Intestine Large	Colon	Inflammation	Necrotizing, Acute, Mild
Intestine Small	Ileum	Inflammation	Necrotizing, Acute, Mild
Kidney	Pelvis	Inflammation	Suppurative, Mild
Liver	Centrilobular	Basophilic Focus Cytomegaly Hepatocellular Adenoma	Mild
Note: HEPATOCLR ADEN TGLs = 3-1+7			
Lymph Node	Mesenteric	Angiectasis	Marked
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 2-8			
Preputial Gland	Duct	Dilatation Inflammation	Moderate Chronic Active, Moderate
Note: DILATATION TGLs = 1-9			
Note: INFLAMMATION TGLs = 1-9			
Prostate		Inflammation	Suppurative, Mild
Tooth	Peridont Tiss	Inflammation	Suppurative, Mild
Urinary Bladder		Inflammation	Chronic Active, Marked
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORIBUND CONDITION-UROGENITAL INFLAMMATION			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Natural Death	DAY ON TEST: 408 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Gallbladder			
OBSERVATIONS			
Kidney		Lymphoma Malignant Histiocytic	
Liver		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 2,3-1			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas		Lymphoma Malignant Histiocytic	
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-7			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD-MALIGNANT LYMPHOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Bone			
Note: TISSUE.			
Note: TARSALS WERE MISSING AT TRIM & WERE NOT FOUND IN WET			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 2-2			
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 3-4			
Note: MANDIBULAR LN NORMAL.			
Stomach	Glandular	Inflammation	Necrotizing, Acute, Minimal
Note: MASS SEEN IN STOMACH AT TRIM WAS NOT A NEOPLASM			
Note: ON MICRO, BUT JUST A FOLD IN THE MUCOSA.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 1-7+8	Tarsal	Hyperostosis	
Kidney		Nephropathy	Chronic, Minimal
Liver Note: HEPATOCLR CARC TGLs = 2-9	Centrilobular	Cytomegaly Degeneration Hepatocellular Carcinoma	Moderate Cystic, Mild
Lymph Node Note: ANGIECTASIS TGLs = 3-4 Note: MANDIBULAR LN NORMAL.	Mesenteric	Angiectasis	Moderate
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Natural Death	DAY ON TEST: 31 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Bone Marrow	Brain	Epididymis
Intestine Large - Colon	Intestine Small - Jejunum	Kidney	Nose
Prostate	Skin	Testes	Urinary Bladder
MISSING			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Liver	Lung
Lymph Node	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		
INSUFFICIENT TISSUE			
Pituitary Gland			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD-UNDETERMINED;MOST TISSUES CANNIBALIZED			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 173		TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain	
Epididymis	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose	
Pancreas	Parathyroid Gland	Prostate	Salivary Glands	
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular	
Testes	Thymus	Thyroid Gland	Trachea	
Urinary Bladder				
MISSING				
Pituitary Gland				
OBSERVATIONS				
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 1-7+8				
Kidney		Nephropathy	Chronic, Minimal	
Liver	Centrilobular	Clear Cell Focus	Moderate	
		Cytomegaly	Moderate	
		Degeneration	Cystic, Mild	
		Hepatocellular Adenoma	Multiple	
Note: HEPATOCLR ADEN TGLs = 2,3-1+9				
Note: DEGEN TGLs = 4-1+9				
Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma		
		Hyperplasia	Minimal	
Note: ALV BRON ADEN TGLs = 6-2				
Lymph Node	Mesenteric	Angiectasis	Mild	
Note: ANGIECTASIS TGLs = 5-4				
Note: MANDIBULAR LN NORMAL.				
Tooth	Incisor, Upper	Dysplasia	Minimal	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 174	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 2-7+8	Tarsal	Hyperostosis	
Harderian Gland Note: ADENOMA TGLs = 1-5+9		Adenoma	
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Clear Cell Focus Cytomegaly Degeneration	Mild Cystic, Minimal
Lymph Node Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Bone	Femur	Hyperostosis	
	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1,4-5+7+8			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 2-1			
Lung			
Note: RED FOCUS SEEN GROSSLY WAS NOT IDENTIFIABLE ON MICRO			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 176	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	Mild
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Moderate
Note: IRREGULAR SURFACE ("MASSES") MAY BE DUE TO DEGEN.			
Note: NO NEOPLASMS TO EXPLAIN MASSES DESCRIBED GROSSLY.			
Note: DEGEN TGLs = 2-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Preputial Gland	Duct	Dilatation	Moderate
Note: DILATATION TGLs = 1-7			
Tooth	Incisor, Upper	Dysplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Parathyroid Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Pituitary Gland			
INSUFFICIENT TISSUE			
Adrenal Gland - Medulla			
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 1-7	Tarsal	Hyperostosis	
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	Mild
	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
Lymph Node Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Focal Cellular Change	
Skin		Inflammation	Chronic Active, Mild
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Pituitary Gland			
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 1-8	Tarsal	Hyperostosis	
Kidney		Nephropathy	Chronic, Mild
Liver	Centrilobular	Clear Cell Focus Cytomegaly Degeneration	Mild Cystic, Mild
Lymph Node Note: MANDIBULAR LN NORMAL.			
Skin Note: SARCOMA TGLs = 2-7	Subcut Tiss	Sarcoma	
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 179	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Minimal
	Centrilobular	Clear Cell Focus	
		Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1-1+7			
Lung	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-1+7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Preputial Gland	Duct	Dilatation	Mild
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Harderian Gland		Adenoma	
		Hyperplasia	Moderate
Note: ADENOMA TGLs = 1-8			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Clear Cell Focus	
		Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: DEGEN TGLs = 5-1+7 [Clear Cell Focus TGLs = 3,4-1+7]			
Lung	Alveolar Epith	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 6-2			
Lymph Node	Mesenteric	Angiectasis	Minimal
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 7-7			
Spleen			
Note: IRREGULAR MOTTLED SPLEEN WITHIN NORMAL LIMITS ON MICRO.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 2,3-1+7]			
Lymph Node	Mediastinal	Angiectasis	Marked
	Mesenteric	Angiectasis	Moderate
Note: MANDIBULAR LN NORMAL.			
Preputial Gland	Duct	Dilatation	Moderate
Note: DILATATION TGLs = 1-8			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183		TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain	
Epididymis	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose	
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate	
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular	
Testes	Thymus	Thyroid Gland	Trachea	
Urinary Bladder				
OBSERVATIONS				
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 1-7+8				
Harderian Gland		Lymphoma Malignant Mixed		
Kidney		Lymphoma Malignant Mixed		
		Nephropathy	Chronic, Minimal	
Note: LYMPH MAL MIXD TGLs = 5-1				
Liver	Centrilobular	Cytomegaly	Mild	
		Degeneration	Cystic, Mild	
		Hepatocellular Adenoma		
		Lymphoma Malignant Mixed		
[Cytomegaly TGLs = 6-1]				
Lung		Lymphoma Malignant Mixed		
Lymph Node	Mediastinal	Lymphoma Malignant Mixed		
	Mesenteric	Lymphoma Malignant Mixed		
Note: ENLARGED MANDIBULAR LN WITHIN NORMAL LIMITS ON MICRO.				
Note: LYMPH MAL MIXD TGLs = 4-4				
Mesentery		Lymphoma Malignant Mixed		
Spleen		Lymphoma Malignant Mixed		
[Lymphoma Malignant Mixed TGLs = 2-1]				
Tooth	Incisor, Upper	Dysplasia	Minimal	
PRIMARY CAUSE OF DEATH	-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183	TRT#: 8	SEX: Male	DAY ON TEST: 737
	DOSE: 300 PPM 0-10	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: LOTS OF MULTINUCLEATED GIANT CELLS IN THE LYMPHOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		
MISSING			
Lymph Node			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Clear Cell Focus	
[Cytomegaly TGLS = 2-1]		Cytomegaly	Minimal
Lymph Node			
Note: MANDIBULAR LN MISSING.			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH -			
Animal Note: ABNORMAL TARSAL BONES MISSING AT SECTIONING AND NOT			
Animal Note: IN WET TISSUE (TGL#1).			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	Moderate
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1-1+7			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 2-6			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:29
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 707 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Thymus			
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
	Medulla	Lymphoma Malignant Lymphocytic	
Gallbladder		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Intestine Large	Cecum	Lymphoma Malignant Lymphocytic	
	Colon	Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Infarct	Multifocal, Mild
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-1			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-4			
Mesentery		Lymphoma Malignant Lymphocytic	
Pancreas		Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	
Skin		Inflammation	Chronic Active, Moderate
Spleen		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:30

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 186	TRT#: 8	SEX: Male	DAY ON TEST: 707
	DOSE: 300 PPM 0-10	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: LYMPH MAL LYMP	TGLs = 1-7		
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND SAC DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187		TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain	
Epididymis	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung	
Nose	Pancreas	Parathyroid Gland	Pituitary Gland	
Prostate	Salivary Glands	Skin	Stomach - Forestomach	
Stomach - Glandular	Testes	Thymus	Thyroid Gland	
Trachea	Urinary Bladder			
MISSING				
Spleen				
OBSERVATIONS				
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 1-7				
Kidney		Nephropathy	Chronic, Minimal	
Liver	Centrilobular	Clear Cell Focus		
		Cytomegaly	Mild	
		Degeneration	Cystic, Mild	
Lymph Node	Mesenteric	Angiectasis	Moderate	
Note: ANGIECTASIS TGLs = 3-8				
Note: MANDIBULAR LN NORMAL.				
Preputial Gland		Inflammation	Chronic Active, Marked	
Note: INFLAMMATION TGLs = 2-8				
Spleen				
Note: NONE FOUND IN WET TISSUE OR BLOCK.				
Tooth	Incisor, Upper	Dysplasia	Moderate	
PRIMARY CAUSE OF DEATH -				
Animal Note: SPLEEN WAS NOT FOUND AT TRIM.				

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Natural Death	DAY ON TEST: 244 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node	Nose
Pancreas	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
MISSING			
Parathyroid Gland	Pituitary Gland	Thymus	
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
OBSERVATIONS			
Kidney	Pelvis	Embolus Bacterial	Suppurative, Moderate
		Inflammation	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Prostate		Inflammation	Suppurative, Moderate
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 1-1			
Urinary Bladder		Inflammation	Chronic Active, Moderate
PRIMARY CAUSE OF DEATH -			
Animal Note: COD WAS UROGENITAL INFLAMMATION & INFECTION.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189		TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain	
Epididymis	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose	
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate	
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular	
Testes	Thymus	Thyroid Gland	Trachea	
Urinary Bladder				
OBSERVATIONS				
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 1-7+8				
Kidney		Nephropathy	Chronic, Mild	
Liver	Centrilobular	Cytomegaly	Minimal	
		Degeneration	Cystic, Mild	
		Hepatocellular Adenoma	Multiple	
		Hepatocellular Carcinoma		
Note: HEPATOCLR ADEN TGLs = 3-1+9				
Note: HEPATOCLR CARC TGLs = 3-9				
Lung		Hepatocellular Carcinoma	Metastatic (Liver)	
	Alveolar Epith	Hyperplasia	Minimal	
Lymph Node	Pancreatic	Lymphoma Malignant Mixed		
Note: LYMPH MAL MIXD TGLs = 4-6				
Note: MANDIBULAR LN NORMAL.				
Spleen		Lymphoma Malignant Mixed		
Note: LYMPH MAL MIXD TGLs = 2-1				
Tooth	Incisor, Upper	Dysplasia	Mild	
PRIMARY CAUSE OF DEATH	-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	TRT#: 8	SEX: Male	DAY ON TEST: 99
	DOSE: 300 PPM 0-10	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Kidney	Liver	Lung
Lymph Node	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Testes
Thymus	Thyroid Gland		
MISSING			
Parathyroid Gland	Spleen	Trachea	
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Glandular
OBSERVATIONS			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Prostate		Inflammation	Suppurative, Moderate
Urinary Bladder		Concretion	Mild
		Inflammation	Chronic Active, Moderate
Note: CONCRETION TGLs = 1-6			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD WAS UROGENITAL INFLAMMATION.			
Animal Note: SPLEEN NOT FOUND AT TRIM.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Natural Death	DAY ON TEST: 612 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Prostate
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Pituitary Gland	Thymus		
AUTO PRECLUDES DIAG.			
Gallbladder			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 2-7 [Cytomegaly TGLS = 1-7]			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Salivary Glands		Inflammation	Granulomatous, Marked
		Necrosis	Mild
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD-HEPATIC NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	TRT#: 8	SEX: Male	DAY ON TEST: 738
	DOSE: 300 PPM 0-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
INSUFFICIENT TISSUE			
Adrenal Gland - Medulla			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Moderate
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 193	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 2-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Preputial Gland	Duct	Dilatation	Mild
Note: DILATATION TGLS = 1-7			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea			
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-7			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 2-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Tooth	Incisor, Upper	Dysplasia	Minimal
Urinary Bladder		Inflammation	Chronic Active, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Lymph Node	Mesenteric	Lymphoma Malignant Histiocytic	
Note: MANDIBULAR LN NORMAL.			
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-1			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea		
MISSING			
Lymph Node			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1,2-1			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 3-2			
Lymph Node			
Note: MANDIBULAR LN MISSING.			
Tooth	Incisor, Upper	Dysplasia	Mild
Urinary Bladder		Inflammation	Chronic Active, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 197	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Moderate
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 1,3-1+7+8			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-6+9			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-1			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 198	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
INSUFFICIENT TISSUE			
Adrenal Gland - Medulla			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1,2-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 199	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Parathyroid Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Clear Cell Focus	
		Cytomegaly	Minimal
		Hepatocellular Adenoma	
Note: TGL#2 WAS NOT APPARENT ON MICRO; IT MAY HAVE BEEN A			
Note: CLEAR CELL FOCUS SUCH AS SEEN IN SLIDE 7.			
[Cytomegaly TGLS = 1-7]			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2]			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 4-4			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-6			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 651 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Nose	Mucosa	Inflammation	Suppurative, Marked
Spleen			
Note: SMALL SPLEEN WITHIN NORMAL LIMITS ON MICRO.			
Thyroid Gland	Follicle	Cyst Multilocular	
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND CONDITION MAY BE DUE TO NASAL INFLAMMATION.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Capsule	Adenoma	
	Cortex	Hyperplasia	Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 202	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Natural Death	DAY ON TEST: 712 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		
MISSING			
Thymus			
AUTO PRECLUDES DIAG.			
Intestine Small - Ileum	Intestine Small - Jejunum		
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Histiocytic	
Intestine Small	Duodenum	Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
Liver		Hepatocellular Carcinoma	
		Infarct	Multifocal, Mild
		Lymphoma Malignant Histiocytic	
Note: TGL#5 WAS ALSO ATTACHED TO PANCREAS AND WAS NOT			
Note: LYMPH MAL HIST TGLs = 3,5-1			
Note: [HEPATOCLR CARC] TGLs = 4-1			
Note: RECOGNIZABLE AS LIVER; IT WAS LYMPHOMA.			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 6-4			
Mesentery		Lymphoma Malignant Histiocytic	
Pancreas		Lymphoma Malignant Histiocytic	
Spleen		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 2-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Natural Death	DAY ON TEST: 712 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Testes		Lymphoma Malignant Histiocytic	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
	Peridont Tiss	Lymphoma Malignant Histiocytic	
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD & TGL#1 WAS LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 203	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Salivary Glands	Acinus	Atrophy	Mild
Testes	Interstit Cell	Adenoma	
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 633 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Lymph Node Note: MANDIBULAR LN NORMAL. Note: LYMPH MAL LYMP TGLs = 2-8	Mesenteric	Lymphoma Malignant Lymphocytic	
Mesentery		Lymphoma Malignant Lymphocytic	
Spleen Note: CYST LINED BY SQUAMOUS EPITHELIUM & FULL OF KERATIN. Note: CYST TGLs = 1-7		Cyst	
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND SAC DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 205	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Mild
Bone	Tarsal	Hyperostosis	
Note: SLIDE 8 BEST POSSIBLE; LESION NOT VISIBLE IN SECTION.			
Note: HYPEROSTOSIS TGLs = 2-7+8			
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Mild
Note: CLEAR CL FOCUS TGLs = 3-1			
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 4-9			
Note: MANDIBULAR LN NORMAL.			
Preputial Gland	Duct	Dilatation	Mild
Note: DILATATION TGLs = 1-9			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206		TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 723 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain	
Epididymis	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial	
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland	
Pituitary Gland	Prostate	Salivary Glands	Skin	
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus	
Thyroid Gland	Trachea	Urinary Bladder		
OBSERVATIONS				
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 5-7+8				
Eye		Degeneration	Marked	
Note: DEGEN TGLs = 4-9				
Harderian Gland		Adenocarcinoma		
Note: ADENOCARC TGLs = 4-9				
Kidney		Nephropathy	Chronic, Minimal	
Liver	Centrilobular	Cytomegaly	Minimal	
		Hematopoietic Cell Proliferation	Mild	
		Hepatocellular Adenoma		
[Hematopoietic Cell Proliferation TGLS = 3-1]				
Lung		Adenocarcinoma	Metastatic (Harderian Gland)	
Note: ADENOCARC TGLs = 1-2		Inflammation	Chronic Active, Moderate	
Lymph Node				
Note: MANDIBULAR L.N.-NORMAL				
Spleen		Hematopoietic Cell Proliferation	Moderate	
[Hematopoietic Cell Proliferation TGLS = 2-1]				
Tooth	Incisor, Upper	Dysplasia	Minimal	
PRIMARY CAUSE OF DEATH -				
Animal Note: MORIBUND DUE TO METASTATIC HARDERIAN ADENOCARCINOMA.				

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206	TRT#: 8	SEX: Male	DAY ON TEST: 723
	DOSE: 300 PPM 0-10	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 207	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Clear Cell Focus	
		Cytomegaly	Moderate
		Degeneration	Cystic, Moderate
		Hepatocellular Adenoma	Multiple
Note: DEGEN TGLs = 2-1+7 [Clear Cell Focus TGLS = 1,3-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Adrenal Gland - Medulla			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Moderate
		Hepatocellular Adenoma	
[Cytomegaly TGLS = 2-1]			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen			
Note: NO REASON FOR MOTTLED SPLEEN SEEN ON MICRO.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 209	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Harderian Gland		Adenoma	
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Clear Cell Focus	
		Cytomegaly	Moderate
		Degeneration	Cystic, Moderate
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 2-1+7			
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 1-4			
Pancreas	Acinus	Focal Cellular Change	
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210	TRT#: 8 DOSE: 300 PPM 0-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hemangiosarcoma	
		Hepatocellular Adenoma	
Note: HEMANGIOSARC TGLs = 1-7			
Note: HEPATOCLR ADEN TGLs = 2-1			
[Cytomegaly TGLS = 3-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Carcinoma	
[Cytomegaly TGLS = 1-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 242	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 1-8	Tarsal	Hyperostosis	
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Clear Cell Focus	
		Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
[Cytomegaly TGLS = 2-7]			
Lymph Node Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 243	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Thymus			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Cytomegaly TGLS = 2-1]			
[Hepatocellular Carcinoma TGLS = 1-7]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 244	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Blood	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Epididymis			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow	Femoral	Mast Cell Tumor Nos	
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	
[Cytomegaly TGLS = 1-1]			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 2-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 245	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic, Moderate
Lung		Inflammation	Acute, Minimal
Lymph Node	Mesenteric	Angiectasis	Moderate
	Mandibular	Edema	Mild
Note: ANGIECTASIS TGLs = 2-7			
Note: EDEMA TGLs = 1-6			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 246		TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain	
Epididymis	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung	
Lymph Node	Nose	Pancreas	Parathyroid Gland	
Pituitary Gland	Prostate	Salivary Glands	Skin	
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes	
Thymus	Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS				
Adrenal Gland	Cortex	Hypertrophy	Mild	
Eye		Degeneration	Moderate	
Note: DEGEN TGLs = 1-8				
Harderian Gland		Adenoma		
Note: ADENOMA TGLs = 2-5+8				
Kidney		Nephropathy	Chronic, Minimal	
Liver		Clear Cell Focus	Mild	
	Centrilobular	Cytomegaly	Mild	
		Degeneration	Cystic, Mild	
		Eosinophilic Focus	Minimal	
Note: [CLEAR CL FOCUS] TGLs = 3-7				
Lymph Node				
Note: MANDIBULAR LN NORMAL.				
Tooth	Incisor, Upper	Dysplasia	Minimal	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 247	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Intestine Large - Cecum			
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Degeneration Hemangiosarcoma Hepatocellular Adenoma Mixed Cell Focus	Mild Cystic, Mild Multiple Moderate
Note: HEMANGIOSARC TGLs = 1-7 [Cytomegaly TGLS = 2-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen		Hemangiosarcoma	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 248	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 2-1+7			
Lung	Alveolar Epith	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Marked
Skin		Inflammation	Acute, Mild
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 249	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Bone Marrow	Femoral	Thrombosis	
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 1-1]			
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 250	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Intestine Small	Jejunum	Inflammation	Chronic Active, Minimal
Note: INFLAMMATION TGLs = 3-4			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 1-1]			
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: MANDIBULAR LN NORMAL.			
[Angiectasis TGLS = 2-4]			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 251	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Heart	Artery	Inflammation	Chronic Active, Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Clear Cell Focus	Mild
	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
		Hepatocellular Carcinoma	Multiple
		Infarct	Multifocal, Moderate
Note: HEPATOCLR CARC TGLs = 3,4-7			
Lung		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
Note: ALV BRON CARC TGLs = 1-2			
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 2-8			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 252		TRT#: 7 DOSE: 300 PPM 10-10		SEX: Male DISP: Terminal Sacrifice		DAY ON TEST: 736 HISTO:	
ORGAN AND ACCOUNTABLE SITE STATUS							
NORMAL							
Adrenal Gland - Medulla		Bone Marrow		Brain		Epididymis	
Esophagus		Gallbladder		Heart		Intestine Large - Cecum	
Intestine Large - Colon		Intestine Small - Duodenum		Intestine Small - Ileum		Intestine Small - Jejunum	
Islets, Pancreatic		Lung		Lymph Node		Nose	
Parathyroid Gland		Prostate		Salivary Glands		Skin	
Spleen		Stomach - Forestomach		Stomach - Glandular		Testes	
Thymus		Thyroid Gland		Trachea		Urinary Bladder	
MISSING							
Pituitary Gland							
OBSERVATIONS							
Adrenal Gland		Cortex		Hypertrophy		Mild	
Bone		Tarsal		Hyperostosis			
Note: HYPEROSTOSIS TGLs = 1-7							
Intestine Large		Rectum		Parasite Metazoan			
Kidney				Nephropathy		Chronic, Minimal	
Liver				Clear Cell Focus		Mild	
		Centrilobular		Cytomegaly		Moderate	
				Degeneration		Cystic, Mild	
				Hepatocellular Adenoma		Multiple	
Note: HEPATOCLR ADEN TGLs = 3,4-1							
Lymph Node							
Note: MANDIBULAR LN NORMAL.							
Pancreas		Acinus		Atrophy		Minimal	
Spleen							
Note: ENLARGED SPLEEN WITHIN NORMAL LIMITS ON MICRO.							
Tooth		Incisor, Upper		Dysplasia		Mild	
PRIMARY CAUSE OF DEATH		-					

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253		TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain	
Epididymis	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Lung	
Nose	Pancreas	Parathyroid Gland	Pituitary Gland	
Prostate	Salivary Glands	Skin	Stomach - Forestomach	
Stomach - Glandular	Testes	Thymus	Thyroid Gland	
Trachea	Urinary Bladder			
OBSERVATIONS				
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 5-7				
Islets, Pancreatic		Hyperplasia	Moderate	
Liver	Centrilobular	Clear Cell Focus		
		Cytomegaly	Mild	
		Degeneration	Cystic, Mild	
		Eosinophilic Focus	Moderate	
		Hemangiosarcoma	Multiple	
		Hepatocellular Adenoma	Multiple	
		Hepatocellular Carcinoma		
Note: HEMANGIOSARC TGLs = 3-1+8				
Note: HEPATOCLR ADEN TGLs = 4-1				
Lymph Node	Mandibular	Angiectasis	Mild	
Spleen		Hemangiosarcoma		
Note: HEMANGIOSARC TGLs = 1,2-8				
Tooth	Incisor, Upper	Dysplasia	Minimal	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Liver	Centrilobular	Clear Cell Focus Cytomegaly Degeneration Hepatocellular Adenoma	Mild Cystic, Mild Multiple
[Cytomegaly TGLS = 1,2-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
Note: DEGEN TGLs = 1-1			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 4-2			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 3-6			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 256	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	Mild
Note: HEPATOCLR ADEN TGLs = 1,2-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Mild
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 257	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Parathyroid Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	Moderate
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Moderate
		Hepatocellular Carcinoma	
Note: CYTOMEGALY TGLs = 2-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258		TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain	
Epididymis	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney	
Lung	Lymph Node	Nose	Pancreas	
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands	
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular	
Testes	Thymus	Thyroid Gland	Trachea	
Urinary Bladder				
OBSERVATIONS				
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 1-7				
Harderian Gland		Adenoma		
Liver	Centrilobular	Clear Cell Focus		
		Cytomegaly	Moderate	
		Degeneration	Cystic, Mild	
		Hepatocellular Adenoma		
[Cytomegaly TGLS = 3-1]				
Lymph Node				
Note: ENLARGED MANDIBULAR LN WITHIN NORMAL LIMITS ON MICRO.				
Tooth	Incisor, Upper	Dysplasia	Mild	
PRIMARY CAUSE OF DEATH	-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 259	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-7			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Inflammation	Chronic Active, Moderate
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 260	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Pituitary Gland			
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Mixed	
Intestine Large	Rectum	Parasite Metazoan	
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-1 [Cytomegaly TGLS = 4-1]			
Lung		Inflammation	Acute, Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1,2-1+4 Note: MANDIBULAR LN NORMAL.			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-1]			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 261	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland	Duct	Dilatation	Moderate
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 262	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			
MISSING			
Thymus			
OBSERVATIONS			
Intest Small			
Note: ENLARGED PEYERS PATCH WITHIN NORMAL LIMITS ON MICRO.			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 1-7			
Note: HEPATOCLR CARC TGLs = 1-7			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 2-2			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 4-4			
Note: MANDIBULAR LN NORMAL.			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 263	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Moderate
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 264	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 1-1+7			
Note: HEPATOCLR CARC TGLs = 1-1+7			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 2-2			
Lymph Node			
Note: MANDIBULAR LN READY.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 265	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 1-1+7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 266		TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis	
Esophagus	Gallbladder	Heart	Intestine Large - Cecum	
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	
Islets, Pancreatic	Nose	Parathyroid Gland	Prostate	
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular	
Testes	Thymus	Thyroid Gland	Trachea	
Urinary Bladder				
MISSING				
Pituitary Gland				
OBSERVATIONS				
Adrenal Gland	Cortex	Hypertrophy	Moderate	
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 2-7				
Intestine Small	Ileum	Inflammation	Necrotizing, Acute, Moderate	
	Ileum	Lymphoma Malignant Lymphocytic		
Note: LYMPH MAL LYMP TGLs = 6-9				
Kidney		Nephropathy	Chronic, Minimal	
Liver		Clear Cell Focus		
	Centrilobular	Cytomegaly	Mild	
		Degeneration	Cystic, Mild	
		Hepatocellular Carcinoma		
Note: [HEPATOCLR CARC] TGLs = 4-8				
Lung		Alveolar/Bronchiolar Adenoma		
Note: ALV BRON ADEN TGLs = 7-2				
Lymph Node	Mesenteric	Angiectasis	Mild	
	Mesenteric	Lymphoma Malignant Lymphocytic		
Note: MANDIBULAR LN NORMAL.				
Note: LYMPH MAL LYMP TGLs = 5-9				
Pancreas	Acinus	Atrophy	Minimal	
Preputial Gland	Duct	Dilatation	Mild	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:30

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 266	TRT#: 7	SEX: Male	DAY ON TEST: 741
	DOSE: 300 PPM 10-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: DILATATION TGLs = 1-9			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-1			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	TRT#: 7	SEX: Male	DAY ON TEST: 741
	DOSE: 300 PPM 10-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Pituitary Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Moderate
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-1			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 268	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 680 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Gallbladder			
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Heart		Hepatocellular Carcinoma	Metastatic (Liver)
Kidney		Nephropathy	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR ADEN TGLs = 3-1			
Note: HEPATOCLR CARC TGLs = 1,2-7+8			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 5-4			
Note: MANDIBULAR LN NORMAL.			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-1			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR CARCINOMAS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 269	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-7			
Liver	Centrilobular	Cytomegaly Degeneration	Moderate Cystic, Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 270		TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain	
Epididymis	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung	
Lymph Node	Nose	Pancreas	Parathyroid Gland	
Pituitary Gland	Prostate	Salivary Glands	Skin	
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes	
Thymus	Trachea	Urinary Bladder		
OBSERVATIONS				
Adrenal Gland	Cortex	Hyperplasia	Mild	
	Cortex	Hypertrophy	Minimal	
Eye		Degeneration	Moderate	
Note: DEGEN TGLs = 2-7				
Harderian Gland		Adenoma		
Note: ADENOMA TGLs = 1-7				
Kidney		Nephropathy	Chronic, Minimal	
Liver		Clear Cell Focus		
	Centrilobular	Cytomegaly	Mild	
		Degeneration	Cystic, Mild	
Lymph Node				
Note: MANDIBULAR LN NORMAL.				
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal	
Tooth	Incisor, Upper	Dysplasia	Minimal	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 271	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 1-7	Tarsal	Hyperostosis	
Kidney		Nephropathy	Chronic, Mild
Liver Note: HEPATOCLR ADEN TGLs = 2-8	Centrilobular	Cytomegaly	Minimal
Lung Note: ALV BRON ADEN TGLs = 3-2		Degeneration	Cystic, Mild
Lymph Node Note: MANDIBULAR LN NORMAL		Hepatocellular Adenoma	Multiple
Alveolar/Bronchiolar Adenoma			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 564 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Pituitary Gland	Thymus		
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Carcinoma	Minimal
[Cytomegaly TGLS = 2-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen		Depletion Lymphoid	Mild
[Depletion Lymphoid TGLS = 1-1]			
Stomach	Forestomach	Ulcer	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 273	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Gallbladder			
OBSERVATIONS			
Heart	Artery	Inflammation	Chronic Active, Minimal
Kidney	Artery	Inflammation	Chronic Active, Mild
		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Moderate
Note: DEGEN TGLs = 2-1			
Lung	Artery, Mediastinum	Inflammation	Chronic Active, Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mesentery	Artery	Inflammation	Chronic Active, Minimal
Preputial Gland	Duct	Dilatation	Mild
Note: DILATATION TGLs = 1-7			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Marked
		Degeneration	Cystic, Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 1-1+7 [Clear Cell Focus TGLS = 1-7]			
Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Minimal
	Cortex	Hypertrophy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Moderate
Note: DEGEN TGLs = 1-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 276	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Harderian Gland		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Moderate
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 2-1+7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen			
Note: MOTTLED SPLEEN WITHIN NORMAL LIMITS ON MICRO.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 277	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Nose
Parathyroid Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Gallbladder	Intestine Large - Colon	Pituitary Gland	Thymus
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Liver		Hemangiosarcoma	
		Hepatocellular Carcinoma	
		Infarct	Multifocal, Moderate
Note: HEPATOCLR CARC TGLs = 3-7			
Lymph Node	Mesenteric	Angiectasis	Marked
Note: ANGIECTASIS TGLs = 2-4			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Depletion Secretory	
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-8			
Spleen		Hematopoietic Cell Proliferation	Moderate
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO HEMANGIOSARCOMAS & HEPATOCELLULAR			
Animal Note: CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Bone Marrow	Femoral	Lymphoma Malignant Mixed	
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Clear Cell Focus	
		Cytomegaly	Moderate
		Degeneration	Cystic, Moderate
Note: CLEAR CL FOCUS TGLs = 3-1			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1,4-2+7			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-1			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 279	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Natural Death	DAY ON TEST: 678 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Kidney	Nose	Parathyroid Gland	Prostate
Salivary Glands	Skin	Testes	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Islets, Pancreatic	Pancreas	Thymus	
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Spleen
Stomach - Forestomach	Stomach - Glandular		
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Liver		Hepatocellular Adenoma Sarcoma	Metastatic (Uncertain Primary Site)
[Hepatocellular Adenoma TGLS = 1-1+7]			
Lung		Sarcoma	Metastatic (Uncertain Primary Site)
Lymph Node	Mesenteric	Sarcoma	Metastatic (Uncertain Primary Site)
Note: NO MANDIBULAR LN.			
Mesentery		Sarcoma	Metastatic (Uncertain Primary Site)
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			
Animal Note: SARCOMA ALSO APPEARED TO INVOLVE WALL OF GUT,			
Animal Note: BUT LOCATION COULD NOT BE DETERMINED DUE TO			
Animal Note: MARKED POSTMORTEM AUTOLYSIS.			
Animal Note: COD: SARCOMA OF UNDETERMINED ORIGIN.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Natural Death	DAY ON TEST: 718 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Pituitary Gland	Thymus
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Small - Jejunum	
OBSERVATIONS			
Liver		Basophilic Focus Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-1]			
Lung	Mediastinum	Lymphoma Malignant Mixed	
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: MANDIBULAR LN NORMAL.			
Note: LYMPH MAL MIXD TGLs = 1,2,3,6-2+7+8			
Mesentery		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-7			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD LYMPHOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281		TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain	
Epididymis	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung	
Nose	Pancreas	Parathyroid Gland	Pituitary Gland	
Prostate	Salivary Glands	Skin	Spleen	
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus	
Thyroid Gland	Trachea	Urinary Bladder		
OBSERVATIONS				
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 1-7+8				
Kidney		Nephropathy	Chronic, Minimal	
Liver	Centrilobular	Clear Cell Focus		
		Cytomegaly	Mild	
		Degeneration	Cystic, Mild	
		Hepatocellular Adenoma		
Note: HEPATOCLR ADEN TGLs = 2-1 [Cytomegaly TGLS = 3-1]				
Lymph Node	Mesenteric	Angiectasis	Mild	
Note: ANGIECTASIS TGLs = 5-9				
Note: MANDIBULAR LN NORMAL.				
Preputial Gland	Duct	Dilatation	Minimal	
Note: DILATATION TGLs = 4-9				
PRIMARY CAUSE OF DEATH	-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 282	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-7 [Cytomegaly TGLS = 2-1]			
Lung		Alveolar/Bronchiolar Carcinoma	
	Mediastinum	Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Angiectasis	Minimal
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 283	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Moderate
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 1-1]			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 2-7			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 284	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Epididymis		Inflammation	Chronic Active, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Marked
		Degeneration	Cystic, Moderate
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1-1 Note: CYTOMEGALY TGLs = 2-1			
Lymph Node	Mesenteric	Angiectasis	Minimal
Note: MANDIBULAR LN NORMAL. Note: ANGIECTASIS TGLs = 3-7			
Pancreas	Acinus	Atrophy	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
	Peridont Tiss	Inflammation	Suppurative, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 285		TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Epididymis	
Esophagus	Gallbladder	Heart	Intestine Large - Cecum	
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas	
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin	
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland	
Trachea	Urinary Bladder			
OBSERVATIONS				
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 1-7				
Bone Marrow	Femoral	Lymphoma Malignant Lymphocytic		
Kidney		Lymphoma Malignant Lymphocytic		
		Nephropathy	Chronic, Minimal	
Liver	Centrilobular	Cytomegaly	Mild	
		Degeneration	Cystic, Moderate	
		Hepatocellular Adenoma	Multiple	
		Lymphoma Malignant Lymphocytic		
[Cytomegaly TGLS = 4,5-1]				
Lung		Lymphoma Malignant Lymphocytic		
Lymph Node	Inguinal	Lymphoma Malignant Lymphocytic		
	Mediastinal	Lymphoma Malignant Lymphocytic		
	Pancreatic	Lymphoma Malignant Lymphocytic		
Note: LYMPH MAL LYMP TGLs = 3-4				
Prostate		Lymphoma Malignant Lymphocytic		
Spleen		Lymphoma Malignant Lymphocytic		
Note: LYMPH MAL LYMP TGLs = 2-8				
Thymus		Lymphoma Malignant Lymphocytic		
Tooth	Incisor, Upper	Dysplasia	Minimal	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 286	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 641 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		
MISSING			
Thymus			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Carcinoma	
		Infarct	Multifocal, Marked
Note: NECROSIS MOSTLY ASSOCIATED W/NEOPLASM. [Cytomegaly TGLS = 1-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Pituitary Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-1 [Cytomegaly TGLS = 1-8]			
Lung		Alveolar/Bronchiolar Carcinoma	
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 2-7 Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 288	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Liver	Centrilobular	Clear Cell Focus Cytomegaly Degeneration Hepatocellular Carcinoma Mixed Cell Focus	Moderate Cystic, Moderate Marked
Note: [HEPATOCLR CARC] TGLs = 1-1+7			
Note: DEGEN TGLs = 2-1+7			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 3-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 289	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 2-1			
Note: HEPATOCLR CARC TGLs = 3-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Skin	Subcut Tiss	Fibrous Histiocytoma	
Note: FIB HISTIOCYT TGLs = 1-8			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 290	TRT#: 7 DOSE: 300 PPM 10-10	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Gallbladder	Pituitary Gland		
OBSERVATIONS			
Intestine Small	Jejunum	Lymphoma Malignant Lymphocytic	
	Jejunum	Parasite Metazoan	
Note: LYMPH MAL LYMP TGLs = 2-4			
Kidney		Nephropathy	Chronic, Mild
Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Moderate
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	TRT#: 6	SEX: Male	DAY ON TEST: 734
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 3-4			
Liver		Hepatocellular Adenoma	
Note: ADENOMA IN SLIDES 1 & 2 ARE JUST ONE NODULE.			
[Hepatocellular Adenoma TGLS = 1-1+2]			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 2-3			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 322	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
OBSERVATIONS			
Intestine Large [Prolapse TGLS = 4-2]	Rectum	Prolapse	
Liver [Hepatocellular Adenoma TGLS = 2,3-4+5]		Hepatocellular Adenoma	Multiple
Spleen [Lymphoma Malignant Mixed TGLS = 1-3]		Lymphoma Malignant Mixed	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	TRT#: 6	SEX: Male	DAY ON TEST: 734
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Clear Cell Focus	Mild
		Cytomegaly	Minimal
		Hepatocellular Adenoma	
[Cytomegaly TGLS = 1,2,3-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	TRT#: 6	SEX: Male	DAY ON TEST: 734
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 3-3]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-2]			
Liver	Centrilobular	Clear Cell Focus	
		Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Fatty Change	Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Cytomegaly TGLS = 2,4-1+4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Natural Death	DAY ON TEST: 422 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Lymph Node	Parathyroid Gland		
OBSERVATIONS			
Heart		Bacterium	
	Valve	Inflammation	Suppurative, Moderate
Kidney			
Note: ONE KIDNEY DARK RED DUE TO PM POOLING OF BLOOD.			
Liver	Centrilobular	Cytomegaly	Mild
Skin		Inflammation	Acute, Mild
Note: INFLAMMATION TGLs = 3-7			
Urin Bladder			
Note: ENLARGED GREEN BLADDER NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: BACTERIA & INFLAMMATION ON HEART VALVE.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	TRT#: 6	SEX: Male	DAY ON TEST: 735
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-4+5]			
Liver	Centrilobular	Basophilic Focus	Mild
		Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 3-1+2]			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 2-3			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 4-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 327	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Small - Jejunum	Spleen		
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-4]			
Intest Small			
Note: LYMPHOID TISSUE WITHIN NORMAL LIMITS ON MICRO.			
Liver	Centrilobular	Cytomegaly	Minimal
Spleen			
Note: MOTTLED SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	TRT#: 6	SEX: Male	DAY ON TEST: 735
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Note: 2MM NODULE NOT SEEN AT TRIM, MICRO, OR IN WET TISSUES.			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 4-4]			
Preputial Gland	Duct	Dilatation	Mild
[Dilatation TGLS = 1-5]			
Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 329	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Natural Death	DAY ON TEST: 639 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Nose	Pancreas	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder
MISSING			
Gallbladder	Parathyroid Gland	Pituitary Gland	
OBSERVATIONS			
Heart		Cardiomyopathy	Chronic Active, Mild
Liver		Basophilic Focus	
		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	Multiple
		Necrosis	Multifocal, Mild
[Hemangiosarcoma TGLS = 2-1+8]			
[Hepatocellular Adenoma TGLS = 2-1+8]			
Lymph Node	Mesenteric	Hemangiosarcoma	
Note: MANDIBULAR LN NORMAL.			
Note: HEMANGIOSARC TGLs = 4-7			
Thyroid Gland	Follicular Cel	Adenoma	
Note: ADENOMA TGLs = 3-6			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEMANGIOSARCOMA & HEPATOCELLULAR NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:30

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 330	TRT#: 6	SEX: Male	DAY ON TEST: 735
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cyst	Mild
		Cytomegaly	Cystic, Mild
		Degeneration	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	TRT#: 6	SEX: Male	DAY ON TEST: 736
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 2-2+3]			
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Basophilic Focus TGLS = 1-5]			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 3-4			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	TRT#: 6	SEX: Male	DAY ON TEST: 736
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Eye		Degeneration	Mild
[Degeneration TGLS = 6-2]			
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 5-2			
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 4-6]			
[Hepatocellular Carcinoma TGLS = 2,3-1+4+5]			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 1-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 333	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Natural Death	DAY ON TEST: 412 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Brain	Esophagus	Heart
Nose	Parathyroid Gland	Skin	Thyroid Gland
Trachea			
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Urinary Bladder
OBSERVATIONS			
Brain Note: BRAIN RED & SOFT DUE TO PM AUTOLYSIS.			
Liver Note: INFARCT TGLs = 4-1		Infarct Lymphoma Malignant Histiocytic	Multifocal, Marked
Lung Note: LUNGS BLACK DUE TO PM AUTOLYSIS.		Lymphoma Malignant Histiocytic	
Lymph Node Note: MANDIBULAR LN AUTOLYZED BEYOND INTERPRETATION.			
Spleen Note: ENLARGED SPLEEN AUTOLYZED BEYOND INTERPRETATION.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: PERICARDIAL FLUID DUE TO PM AUTOLYSIS.			
Animal Note: COD: PROBABLY LYMPHOMA;PMA PREVENTED BETTER INTERPRETATION.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	TRT#: 6	SEX: Male	DAY ON TEST: 736
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Liver		Clear Cell Focus	
Lung	Alveolar Epith	Hyperplasia	Mild
Note: RECUTS DID NOT REVEAL APICAL LOBE MASS.			
Note: HYPERPLASIA TGLs = 4-3			
Spleen			
Note: IRREGULAR PALE SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	TRT#: 6	SEX: Male	DAY ON TEST: 736
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver	Lymph Node	Stomach - Glandular	
OBSERVATIONS			
Lymph Node			
Note: ENLARGED LN NORMAL ON MICRO.			
Preputial Gland	Duct	Dilatation	Moderate
Note: DILATATION TGLs = 1-2			
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
Note: [HYPERPLASIA] TGLs = 3-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	TRT#: 6	SEX: Male	DAY ON TEST: 737
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 3-2+3]			
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-4]			
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Minimal
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 337	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma	Mild
[Cytomegaly TGLS = 1-3]			
Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	TRT#: 6	SEX: Male	DAY ON TEST: 590
	DOSE: 100 PPM 0-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Gallbladder	Thymus		
AUTO PRECLUDES DIAG.			
Intestine Small - Duodenum			
OBSERVATIONS			
Liver		Basophilic Focus	Mild
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-1+7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:30

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 339	TRT#: 6	SEX: Male	DAY ON TEST: 737
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver	Lymph Node		
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
Note: ALV BRON CARC TGLs = 4-5			
Lymph Node			
Note: MANDIBULAR LN NORMAL ON MICRO.			
Preputial Gland	Duct	Dilatation	Minimal
[Dilatation TGLS = 2-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	TRT#: 6	SEX: Male	DAY ON TEST: 737
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 3-5]			
[Hepatocellular Carcinoma TGLS = 2-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	TRT#: 6	SEX: Male	DAY ON TEST: 738
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Lymph Node			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 5,6-5+6			
Lymph Node			
Note: MANDIBULAR LN NORMAL ON MICRO.			
Preputial Gland		Inflammation	Chronic Active, Mild
Note: INFLAMMATION TGLs = 2-4			
Seminal Vesicle		Inflammation	Chronic Active, Mild
Note: INFLAMMATION TGLs = 4-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 343	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 589 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	
OBSERVATIONS			
Kidney		Osteosarcoma	Metastatic (Uncertain Primary Site)
[Osteosarcoma TGLS = 1-1+7]			
Liver		Hepatocellular Adenoma	
		Osteosarcoma	Metastatic (Uncertain Primary Site)
[Hepatocellular Adenoma TGLS = 2-8]			
[Osteosarcoma TGLS = 2-8]			
Lung		Osteosarcoma	Metastatic (Uncertain Primary Site)
[Osteosarcoma TGLS = 4-2]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Skin			
Note: "SKIN NODULE" SEEN GROSSLY WAS NOT APPARENT AT TRIM.			
Urinary Bladder		Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: OSTEOSARCOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 344	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Basophilic Focus Cytomegaly Hepatocellular Adenoma Hepatocellular Carcinoma	Minimal
[Cytomegaly TGLS = 1-3] [Hepatocellular Carcinoma TGLS = 2-2+3]			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	TRT#: 6	SEX: Male	DAY ON TEST: 738
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-7]			
Liver		Hepatocellular Carcinoma	Multiple
		Infarct	Multifocal, Moderate
[Infarct TGLS = 3-2+3+4]			
Lung		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Carcinoma TGLS = 2-5]			
[Hepatocellular Carcinoma TGLS = 2-5]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	TRT#: 6	SEX: Male	DAY ON TEST: 738
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-4+5]			
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-2]			
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 2-3]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	TRT#: 6	SEX: Male	DAY ON TEST: 741
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-6]			
Eye		Degeneration	Mild
[Degeneration TGLS = 2-4]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-7]			
Liver		Cyst	
[Cyst TGLS = 5-2]			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4,7-3+5]			
Mesentery			
Note: FAT NODULE NOT FOUND AT TRIM.			
PRIMARY CAUSE OF DEATH	-		

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 348	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Carcinoma	Mild
[Hepatocellular Carcinoma TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 349	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 633 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Gallbladder	Thymus		
OBSERVATIONS			
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Chronic, Moderate
Liver		Infarct	Multifocal, Marked
		Lymphoma Malignant Histiocytic	
[Infarct TGLS = 3-7]			
[Lymphoma Malignant Histiocytic TGLS = 1,2-1+7]			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 4-1]			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD: LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 350	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Natural Death	DAY ON TEST: 678 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Liver
Lung	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Testes
Thymus	Trachea		
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Spleen	Thyroid Gland	Urinary Bladder
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 1-8+9	Tarsal	Hyperostosis	
Kidney Lymph Node Note: MANDIBULAR LN NORMAL.	Pelvis	Inflammation	Suppurative, Minimal
Prostate Skin Note: MASS ON PENIS WAS ACTUALLLY IN ADJACENT SKIN. Note: FIBROSARC TGLs = 2-7	Subcut Tiss	Inflammation Fibrosarcoma	Suppurative, Moderate
Stomach Note: ADENOMA TGLs = 3-10	Glandular	Adenoma	
PRIMARY CAUSE OF DEATH -			
Animal Note: PENIS-MASS WAS ACTUALLY IN ADJACENT SKIN.			
Animal Note: COD: FIBROSARCOMA NEAR PENIS.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Degeneration	Mild Cystic, Mild
Note: CYTOMEGALY TGLs = 2-1			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
Note: ALV BRON CARC TGLs = 3-2			
Lymph Node	Mesenteric	Angiectasis	Minimal
[Angiectasis TGLS = 1-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 352	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 303 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Liver	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
OBSERVATIONS			
Kidney	Pelvis	Inflammation	Suppurative, Minimal
Lymph Node	Lumbar	Edema	Mild
	Renal	Edema	Mild
Note: EDEMA TGLs = 1,2-7+9			
Note: MANDIBULAR LN NORMAL.			
Prostate		Inflammation	Suppurative, Moderate
Skin		Inflammation	Acute, Marked
Note: INFLAMMATION TGLs = 3-8			
Testes		Inflammation	Necrotizing, Acute, Marked
Note: INFLAMMATION TGLs = 3-8			
Urinary Bladder		Inflammation	Chronic Active, Moderate
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO INFLAMMATION OF TESTIS & SKIN.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 353	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-3+4]	Tarsal	Hyperostosis	
Liver		Clear Cell Focus	
Spleen [Hyperplasia TGLS = 2-2]		Hyperplasia	Lymphoid, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	TRT#: 6	SEX: Male	DAY ON TEST: 742
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:30

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 355	TRT#: 6	SEX: Male	DAY ON TEST: 742
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	TRT#: 6	SEX: Male	DAY ON TEST: 742
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-4+5]			
Liver		Eosinophilic Focus	Minimal
Note: HEPATOCLR ADEN TGLs = 3-2			
Preputial Gland		Hepatocellular Adenoma	
[Hemangiosarcoma TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

ANIMAL ID: 357	TRT#: 6	SEX: Male	DAY ON TEST: 742
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-4+5]			
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 2,3-2+3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	TRT#: 6	SEX: Male	DAY ON TEST: 743
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-5]			
Liver	Centrilobular	Clear Cell Focus	Multiple, Moderate
		Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Mild
		Hemangiosarcoma	
		Hepatoblastoma	
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-2+3+4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	TRT#: 6	SEX: Male	DAY ON TEST: 743
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-5+6]			
Liver		Fatty Change	Minimal
Note: 3MM FOCUS NOT APPARENT ON MICRO, INCLUDING RECUTS.			
Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 4-3]			
Spleen			
Note: ENLARGED SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Natural Death	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Kidney	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Intestine Small - Ileum	Skin		
AUTO PRECLUDES DIAG.			
Intestine Small - Jejunum			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-12+13]			
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infarct	Multifocal, Marked
[Hepatocellular Adenoma TGLS = 3-9]			
[Infarct TGLS = 6-1+10]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 5-2+7			
Lymph Node	Mesenteric	Angiectasis	Marked
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 4-11			
Preputial Gland		Inflammation	Chronic Active, Moderate
Note: INFLAMMATION TGLs = 2-8			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 7-1]			
Tooth	Incisor, Upper	Dysplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Natural Death	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: HEPATOCELLULAR CARCINOMA W/METASTASES.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:30

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 361	TRT#: 6	SEX: Male	DAY ON TEST: 743
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	TRT#: 6	SEX: Male	DAY ON TEST: 744
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 2-7+8]			
Eye		Degeneration	Minimal
Note: DEGEN TGLs = 1-3			
Intestine Small	Duodenum	Inflammation	Chronic Active, Marked
Note: LESION EXTENDED FROM MUCOSA TO SEROSA.			
[Inflammation TGLS = 4-5]			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3-2			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 6-4			
Lymph Node	Mesenteric	Angiectasis	Marked
[Angiectasis TGLS = 5-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	TRT#: 6	SEX: Male	DAY ON TEST: 744
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-3+4]			
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Mild
		Hepatocellular Carcinoma	
		Infarct	Multifocal, Mild
[Infarct TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	TRT#: 6	SEX: Male	DAY ON TEST: 744
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-5+6]			
Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2,4-2+3]			
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 3-4]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	TRT#: 6	SEX: Male	DAY ON TEST: 744
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-4+5]			
Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-2]			
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 3-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	TRT#: 6	SEX: Male	DAY ON TEST: 744
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-5]			
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC	TGLs = 4-3		
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS	TGLs = 3-4		
Spleen			
Note: MOTTLED SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

ANIMAL ID: 367	TRT#: 6	SEX: Male	DAY ON TEST: 744
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 2-3]			
Preputial Gland		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	TRT#: 6 DOSE: 100 PPM 0-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Liver [Hepatocellular Adenoma TGLS = 1-2]		Hepatocellular Adenoma	
Lung [Alveolar/Bronchiolar Carcinoma TGLS = 2-3]		Alveolar/Bronchiolar Carcinoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	TRT#: 6	SEX: Male	DAY ON TEST: 744
	DOSE: 100 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Clear Cell Focus	
		Cytomegaly	Moderate
		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 1,2-1+2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	TRT#: 6	SEX: Male	DAY ON TEST: 693
	DOSE: 100 PPM 0-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Pituitary Gland			
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	Multiple
		Infarct	Multifocal, Moderate
[Infarct TGLS = 3,4,5-8+9+10]			
Lymph Node	Mesenteric	Angiectasis	Marked
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 6-11			
Preputial Gland	Duct	Dilatation	Moderate
Note: DILATATION TGLs = 1-7			
Urin Bladder			
Note: DILATED U BLADDER NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	TRT#: 5	SEX: Male	DAY ON TEST: 223
	DOSE: 100 PPM 3-3	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea		
MISSING			
Intestine Large - Rectum	Intestine Small - Ileum	Lymph Node	Thymus
OBSERVATIONS			
Spleen			
Note: GROSSLY SMALL SPLEEN NORMAL ON MICRO EXAM.			
Urinary Bladder		Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORIBUNDITY UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	TRT#: 5	SEX: Male	DAY ON TEST: 734
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 2-5+6]			
Liver		Cyst	
[Cyst TGLS = 4-2]			
Lymph Node	Mandibular	Edema	Mild
[Edema TGLS = 3-3]			
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-4]			
Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 5-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 403	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-5+6]	Tarsal	Hyperostosis	
Liver [Hepatocellular Adenoma TGLS = 4-2] [Hepatocellular Carcinoma TGLS = 2-3]	Centrilobular	Cytomegaly Degeneration Hepatocellular Adenoma Hepatocellular Carcinoma	Minimal Cystic, Minimal
Lymph Node [Angiectasis TGLS = 3-4] [Edema TGLS = 5-7]	Mesenteric Mandibular	Angiectasis Edema	Mild Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	TRT#: 5	SEX: Male	DAY ON TEST: 734
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Eosinophilic Focus	Moderate
[Eosinophilic Focus TGLS = 3-2]			
Preputial Gland		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-3]			
Urinary Bladder		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 405

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 100 PPM 3-3

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Adenoma
[Hepatocellular Adenoma TGLS = 1-2]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 406	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Degeneration Fatty Change Hepatocellular Adenoma	Moderate Cystic, Moderate Mild
[Fatty Change TGLS = 1-1]			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	TRT#: 5	SEX: Male	DAY ON TEST: 645
	DOSE: 100 PPM 3-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Gallbladder			
AUTO PRECLUDES DIAG.			
Intestine Small - Ileum			
OBSERVATIONS			
Harderian Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 3-7			
Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-8+9]			
Lung		Adenocarcinoma	Metastatic (Harderian Gland)
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: LIVER & HARDERIAN NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	TRT#: 5	SEX: Male	DAY ON TEST: 735
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-2]		Lymphoma Malignant Mixed	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	TRT#: 5	SEX: Male	DAY ON TEST: 735
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 3-4+5			
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 2-2+3			
[Hepatocellular Adenoma TGLS = 1-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 410	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
OBSERVATIONS Liver	Centrilobular	Cytomegaly Hepatocellular Carcinoma	Mild
[Hepatocellular Carcinoma TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-5]	Tarsal	Hyperostosis	
Liver [Clear Cell Focus TGLS = 5-1]	Centrilobular Bile Duct	Clear Cell Focus Cytomegaly Hyperplasia	Moderate Mild
Lung Note: ALV BRON CARC TGLs = 2-2		Alveolar/Bronchiolar Carcinoma	
Lymph Node Note: ENLARGED MANDIBULAR LN NORMAL ON MICRO. [Angiectasis TGLS = 4-4]	Mesenteric	Angiectasis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 412	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 680 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	
INSUFFICIENT TISSUE			
Gallbladder	Thymus		
OBSERVATIONS			
Liver		Infarct Lymphoma Malignant Histiocytic	Multifocal, Moderate
[Lymphoma Malignant Histiocytic TGLS = 1-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-7			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 413	TRT#: 5	SEX: Male	DAY ON TEST: 736
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Mesentery		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 1-2			
Stomach		Forestomach	
[Squamous Cell Papilloma TGLS = 2-3]		Squamous Cell Papilloma	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 414	TRT#: 5	SEX: Male	DAY ON TEST: 736
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Brain		Hydrocephalus	Moderate
Note: HYDROCEPHALUS TGLs = 1-2			
Liver		Hepatocellular Carcinoma	
		Infarct	Multifocal, Minimal
		Lymphoma Malignant Histiocytic	
[Infarct TGLS = 3-5]			
Lymph Node	Mesenteric	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 4-4			
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 2-3			
PRIMARY CAUSE OF DEATH	-		

ANIMAL ID: 415	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 643 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tongue		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO TONGUE NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 416	TRT#: 5	SEX: Male	DAY ON TEST: 736
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Liver	Centrilobular	Clear Cell Focus	
		Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 3-1+4			
Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Mild
[Hyperplasia TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 417	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 2-2+3] Harderian Gland Note: [ADENOMA] TGLs = 1-4 Liver	Tarsal Centrilobular	Hyperostosis Adenoma Clear Cell Focus Cytomegaly Degeneration Fatty Change	Moderate Cystic, Mild Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 418	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS Liver	Centrilobular	Cytomegaly Degeneration	Moderate Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	TRT#: 5	SEX: Male	DAY ON TEST: 713
	DOSE: 100 PPM 3-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
AUTO PRECLUDES DIAG.			
Gallbladder			
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-7			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 2-4			
Mesentery		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 2-4			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 421	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 720 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Gallbladder	Thymus		
OBSERVATIONS			
Heart			
Note: ENLARGED HEART NORMAL ON MICRO EXAM.			
Intest Large			
Note: CECAL LESION WAS NORMAL PEYERS PATCH(LYMPHOID FOLLICLE)			
Intestine Small	Duodenum	Hyperplasia	Atypical, Marked
Liver		Hepatocellular Carcinoma	
		Infarct	Multifocal, Moderate
[Infarct TGLS = 2-7]			
Lymph Node	Mandibular	Angiectasis	Mild
Testes		Degeneration	Mild
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	TRT#: 5	SEX: Male	DAY ON TEST: 737
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-7+8]			
Bone Marrow		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 8-1			
Lymph Node	Inguinal	Lymphoma Malignant Lymphocytic	
	Lumbar	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3,4,5,6,7,9-3+4+5+6+9+10			
Skin		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 423	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-6+7]	Tarsal	Hyperostosis	
Liver [Cytomegaly TGLS = 3-4] [Hepatocellular Adenoma TGLS = 3-2+3]	Centrilobular	Cytomegaly Hepatocellular Adenoma Hepatocellular Carcinoma	Mild Multiple
Lymph Node [Lymphoma Malignant Mixed TGLS = 2-5]	Mesenteric	Lymphoma Malignant Mixed	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 424	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Natural Death	DAY ON TEST: 535 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Brain		Necrosis	Mild
Heart			
Note: ATRIA ARE NORMAL & FILLED W/BLOOD ON MICRO.			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: LIVER TUMOR OR BRAIN NECROSIS MOST LIKELY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 425		TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Natural Death	DAY ON TEST: 481 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain	
Epididymis	Esophagus	Heart	Intestine Large - Cecum	
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Nose	
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate	
Salivary Glands	Skin	Spleen	Stomach - Forestomach	
Stomach - Glandular	Testes	Thyroid Gland	Trachea	
Urinary Bladder				
MISSING				
Gallbladder	Thymus			
OBSERVATIONS				
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 2-7+8				
Kidney		Nephropathy	Chronic, Minimal	
Liver		Hepatocellular Carcinoma		
		Infarct	Multifocal, Marked	
Note: HEPATOCLR CARC TGLs = 1-9				
Lung		Hepatocellular Carcinoma	Metastatic (Liver)	
Lymph Node				
Note: MANDIBULAR LN NORMAL.				
PRIMARY CAUSE OF DEATH -				
Animal Note: COD: HEPATOCELLULAR CARCINOMA.				

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 426	TRT#: 5	SEX: Male	DAY ON TEST: 738
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Carcinoma	Minimal
Note: SLIDES 1 & 2 HAVE DIFFERENT AREAS OF ONE MASS. [Cytomegaly TGLS = 1-1+2]			
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:30

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 427	TRT#: 5	SEX: Male	DAY ON TEST: 738
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-3+4]			
Kidney	Renal Tubule	Carcinoma	
[Carcinoma TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 428	TRT#: 5	SEX: Male	DAY ON TEST: 738
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 2-2]			
Liver		Basophilic Focus	Mild
Note: [BASOPH FOCUS] TGLs = 1-1			
Note: IRREGULAR-SHAPED CARCINOMA LOOKED MULTIPLE GROSSLY.			
[Hepatocellular Carcinoma TGLS = 1-4]			
Skin	Subcut Tiss	Fibrosis	Moderate
[Fibrosis TGLS = 3-3]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 429	TRT#: 5	SEX: Male	DAY ON TEST: 741
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Seminal Vesicle			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-2+3			
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 3-5			
Preputial Gland		Inflammation	Chronic Active, Minimal
Note: INFLAMMATION TGLs = 2-4			
Sem Ves			
Note: ENLARGED SEM VES NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 430	TRT#: 5	SEX: Male	DAY ON TEST: 566
	DOSE: 100 PPM 3-3	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Pituitary Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 1,2-7+8			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR NEOPLASMS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 431	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Islets, Pancreatic	Lung	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Thymus			
OBSERVATIONS			
Gallbladder		Lymphoma Malignant Mixed	
Intestine Small	Duodenum	Inflammation	Necrotizing, Acute, Minimal
	Jejunum	Inflammation	Necrotizing, Acute, Minimal
	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-7			
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: MANDIBULAR LN NORMAL.			
Note: LYMPH MAL MIXD TGLs = 1,3-2+9			
Mesentery		Lymphoma Malignant Mixed	
Pancreas		Lymphoma Malignant Mixed	
Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant Mixed	
Note: HEMA CELL PROL TGLs = 2-8			
Note: LYMPH MAL MIXD TGLs = 2-8			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 432		TRT#: 5 DOSE: 100 PPM 3-3		SEX: Male DISP: Natural Death		DAY ON TEST: 649 HISTO:	
ORGAN AND ACCOUNTABLE SITE STATUS							
NORMAL							
Adrenal Gland - Cortex		Adrenal Gland - Medulla		Bone		Bone Marrow	
Epididymis		Esophagus		Gallbladder		Heart	
Intestine Large - Cecum		Intestine Large - Colon		Intestine Small - Ileum		Intestine Small - Jejunum	
Nose		Parathyroid Gland		Pituitary Gland		Prostate	
Salivary Glands		Skin		Stomach		Testes	
Thymus		Thyroid Gland		Trachea		Urinary Bladder	
AUTO PRECLUDES DIAG.							
Intestine Small - Duodenum							
OBSERVATIONS							
Brain				Hemorrhage		Moderate	
				Lymphoma Malignant Histiocytic			
Note: HEMORRHAGE TGLs = 6-3							
Intestine Large		Rectum		Parasite Metazoan			
Islets, Pancreatic				Hyperplasia		Mild	
Kidney				Lymphoma Malignant Histiocytic			
Liver				Infarct		Multifocal, Moderate	
				Lymphoma Malignant Histiocytic			
[Infarct TGLS = 3-1+9+10]							
Lung				Alveolar/Bronchiolar Adenoma			
				Lymphoma Malignant Histiocytic			
Note: ALV BRON ADEN TGLs = 1-2							
Lymph Node		Mesenteric		Lymphoma Malignant Histiocytic			
		Renal		Lymphoma Malignant Histiocytic			
Note: MANDIBULAR LN NORMAL.							
Note: LYMPH MAL HIST TGLs = 7,9-8+12							
Pancreas				Lymphoma Malignant Histiocytic			
Spleen				Lymphoma Malignant Histiocytic			
Note: LYMPH MAL HIST TGLs = 2-7							
Stomach							
Note: FORESTOMACH 1MM DIVERTICULUM NOT VISIBLE ON MICRO.							

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:30

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 432	TRT#: 5	SEX: Male	DAY ON TEST: 649
	DOSE: 100 PPM 3-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	TRT#: 5	SEX: Male	DAY ON TEST: 741
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Infarct	Multifocal, Mild
[Cytomegaly TGLS = 1-2+3]			
[Degeneration TGLS = 1-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 434	TRT#: 5	SEX: Male	DAY ON TEST: 573
	DOSE: 100 PPM 3-3	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Thymus			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 1,2-7			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 435	TRT#: 5	SEX: Male	DAY ON TEST: 723
	DOSE: 100 PPM 3-3	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Liver		Degeneration	Cystic, Mild
Note: 2MM PALE FOCUS NOT IDENTIFIABLE ON MICRO EXAM.			
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-2]			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	TRT#: 5	SEX: Male	DAY ON TEST: 660
	DOSE: 100 PPM 3-3	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infarct	Multifocal, Moderate
Note: INFARCT TGLs = 2,3-7+8			
[Infarct TGLS = 1-8]			
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO LIVER LESIONS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 437	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-2]	Tarsal	Hyperostosis	
Liver [Cytomegaly TGLS = 2-3]	Centrilobular	Cytomegaly Hepatocellular Adenoma	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 438	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-2+3]	Tarsal	Hyperostosis	
Liver [Cytomegaly TGLS = 2-4]	Centrilobular	Cytomegaly Hepatocellular Adenoma	Mild
Preputial Gland [Dilatation TGLS = 3-5]	Duct	Dilatation	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Lymph Node - Bronchial	Spleen		
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Liver	Centrilobular	Cytomegaly Hemangiosarcoma Hepatocellular Adenoma	Mild Multiple
[Hemangiosarcoma TGLS = 3-1+5] [Hepatocellular Adenoma TGLS = 5-5]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-3]			
Spleen			
Note: MOTTLED SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 440	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 441	TRT#: 5	SEX: Male	DAY ON TEST: 742
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-4]			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-5]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 442	TRT#: 5	SEX: Male	DAY ON TEST: 743
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 2-4]			
Stomach	Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-5]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 443	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Natural Death	DAY ON TEST: 697 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Gallbladder	Intestine Large - Colon		
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Moderate
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-9+10]			
Liver	Centrilobular	Clear Cell Focus	
		Cytomegaly	Moderate
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 2-8]			
[Cytomegaly TGLS = 3-7]			
[Eosinophilic Focus TGLS = 2-8]			
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 4,5-4+6			
Tooth	Incisor, Upper	Dysplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 443	TRT#: 5	SEX: Male	DAY ON TEST: 697
	DOSE: 100 PPM 3-3	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: COD: LIVER LESIONS.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 444	TRT#: 5	SEX: Male	DAY ON TEST: 743
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 2-2+3			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-6			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 1-4			
[Hyperplasia TGLS = 4-5]			
Spleen			
Note: ENLARGED SPLEEN NORMAL ON MICRO EXAM.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 445	TRT#: 5	SEX: Male	DAY ON TEST: 743
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 4-4			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 3-3]			
Spleen			
Note: ENLARGED SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 446	TRT#: 5	SEX: Male	DAY ON TEST: 743
	DOSE: 100 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2,3-1+4+5			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 447	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 632 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Intestine Small	Ileum	Lymphoma Malignant Mixed	Chronic, Minimal
Kidney		Nephropathy	
Lung		Lymphoma Malignant Mixed	
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: MANDIBULAR LN NORMAL.			
Note: LYMPH MAL MIXD TGLs = 2,3,4,5-2+7+9+10			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-8]			
Thymus			
Note: GROSSLY ENLARGED THYMUS WAS REALLY MEDIASTINAL LN.			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 448	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 660 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Thymus			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Moderate
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-1+8			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Sem Ves			
Note: SMALL SEM VES NORMAL ON MICRO EXAM.			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 3-7			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	TRT#: 5	SEX: Male	DAY ON TEST: 564
	DOSE: 100 PPM 3-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Gallbladder	Pituitary Gland		
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-7			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Angiectasis	Mild
Note: MANDIBULAR LN NORMAL.			
[Angiectasis TGLS = 1-7]			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 450	TRT#: 5 DOSE: 100 PPM 3-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-2+3]	Tarsal	Hyperostosis	
Liver [Cytomegaly TGLS = 4-1+5]	Centrilobular	Cytomegaly Hepatocellular Adenoma	Minimal Multiple
Lymph Node [Lymphoma Malignant Mixed TGLS = 3-4]	Mesenteric	Lymphoma Malignant Mixed	
Spleen [Lymphoma Malignant Mixed TGLS = 2-4]		Lymphoma Malignant Mixed	
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 481		TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
OBSERVATIONS				
Bone		Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-2+3				
Liver			Hemangiosarcoma	Multiple
			Hepatocellular Carcinoma	Multiple
			Infarct	Multifocal, Mild
[Hepatocellular Carcinoma TGLS = 4,5-1+7]				
[Infarct TGLS = 4,5-1+7]				
Lung			Hepatocellular Carcinoma	Metastatic (Liver)
		Alveolar Epith	Hyperplasia	Mild
Note: HEPATOCLR CARC TGLs = 3-6				
Lymph Node		Mandibular	Angiectasis	Moderate
		Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 2,6-4+5]				
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 482	TRT#: 4	SEX: Male	DAY ON TEST: 734
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 483	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma Hepatocellular Carcinoma Infarct	Mild Multifocal, Marked
[Hepatocellular Carcinoma TGLS = 1-3]			
[Infarct TGLS = 1-4]			
Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-2]			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 484	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-3]	Tarsal	Hyperostosis	
Liver	Centrilobular	Cytomegaly	Mild
Lymph Node Note: HYPERPLASIA TGLs = 2-2	Mesenteric	Hyperplasia	Lymphoid, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 485	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 725 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
	Cortex	Lymphoma Malignant Lymphocytic	
	Medulla	Lymphoma Malignant Lymphocytic	
Bone Marrow	Femoral	Lymphoma Malignant Lymphocytic	
Brain		Hemorrhage	Mild
		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 5-1]			
Liver		Lymphoma Malignant Lymphocytic	
Lung	Alveolar Epith	Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1,2,4,6-2+7+8+9			
Pancreas		Lymphoma Malignant Lymphocytic	
Prostate		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Skin		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-10			
Stomach	Glandular	Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 485	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 725 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 486	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma Mixed Cell Focus	Minimal Mild
[Cytomegaly TGLS = 1-1] Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 2-2] Stomach	Epithelium, Forestomach	Hyperplasia	Mild
[Hyperplasia TGLS = 3-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 487	TRT#: 4	SEX: Male	DAY ON TEST: 735
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Stomach - Glandular			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-3]			
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
Note: MASS & FOCUS SEEN ON MICRO AS 1 IRREGULAR ADENOMA.			
[Cytomegaly TGLS = 2,3-1]			
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 4-2]			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
Note: [HYPERPLASIA] TGLs = 5-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 488	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Stomach - Glandular			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-2+3			
Liver	Centrilobular	Clear Cell Focus Cytomegaly Degeneration Hepatocellular Adenoma	Moderate Cystic, Moderate Multiple
[Cytomegaly TGLS = 2,3,4-1]			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
Note: [HYPERPLASIA] TGLs = 5-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 489	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 585 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1,2-1 [Hepatocellular Adenoma TGLS = 1,2-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Artery	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 490	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Clear Cell Focus Cytomegaly Degeneration Hepatocellular Adenoma Hepatocellular Carcinoma	Mild Cystic, Mild Multiple
[Clear Cell Focus TGLS = 1-2] [Cytomegaly TGLS = 1-1+2+3]			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 491	TRT#: 4	SEX: Male	DAY ON TEST: 736
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 3-1+4]			
Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 492	TRT#: 4	SEX: Male	DAY ON TEST: 632
	DOSE: 100 PPM 10-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Lung	Lymph Node	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Testes	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Thymus			
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Gallbladder	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Pancreas	Spleen	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
		Infarct	Multifocal, Marked
Note: HEPATOCLR CARC TGLs = 1-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 493	TRT#: 4	SEX: Male	DAY ON TEST: 736
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
Liver	Centrilobular	Cytomegaly	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 4-4			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 3-5]			
Spleen		Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 2-1			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 494	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-2]	Tarsal	Hyperostosis	
Liver Note: HEPATOCLR CARC TGLs = 2-5	Centrilobular	Cytomegaly Hepatocellular Carcinoma	Minimal Multiple
Lung Note: HEPATOCLR CARC TGLs = 4-3		Hepatocellular Carcinoma	Metastatic (Liver)
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 495	TRT#: 4	SEX: Male	DAY ON TEST: 736
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
Liver	Centrilobular	Cytomegaly	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 496		TRT#: 4		SEX: Male		DAY ON TEST: 678	
		DOSE: 100 PPM 10-3		DISP: Moribund Sacrifice		HISTO:	
ORGAN AND ACCOUNTABLE SITE STATUS							
NORMAL							
Adrenal Gland - Cortex		Adrenal Gland - Medulla		Bone Marrow		Brain	
Epididymis		Esophagus		Gallbladder		Heart	
Intestine Large - Cecum		Intestine Large - Colon		Intestine Large - Rectum		Intestine Small - Duodenum	
Intestine Small - Ileum		Intestine Small - Jejunum		Islets, Pancreatic		Kidney	
Lymph Node		Nose		Pancreas		Parathyroid Gland	
Pituitary Gland		Prostate		Salivary Glands		Skin	
Spleen		Stomach - Forestomach		Stomach - Glandular		Testes	
Thymus		Thyroid Gland		Trachea		Urinary Bladder	
OBSERVATIONS							
Bone		Tarsal		Hyperostosis			
Note: HYPEROSTOSIS		TGLs = 1-9					
Liver				Hepatocellular Adenoma			
				Hepatocellular Carcinoma			
[Hepatocellular Adenoma TGLS = 3-7]							
[Hepatocellular Carcinoma TGLS = 2-8]							
Lung				Hepatocellular Carcinoma		Metastatic (Liver)	
Lymph Node							
Note: MANDIBULAR LN NORMAL.							
PRIMARY CAUSE OF DEATH		-					
Animal Note: MORIBUND DUE TO HEPATOCELLULAR NEOPLASIA.							

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 497	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 498	TRT#: 4	SEX: Male	DAY ON TEST: 737
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-2			
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 2,3,4-1+4+5			
Lymph Node	Deep Cervical	Edema	Moderate
Note: EDEMA TGLs = 5-3			
PRIMARY CAUSE OF DEATH	-		
Animal Note: TISSUE NOS SEEN GROSSLY WAS LYMPH NODE.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 499	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma	Minimal
[Cytomegaly TGLS = 1-3]			
Lymph Node	Mesenteric	Angiectasis	Minimal
[Angiectasis TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 500	TRT#: 4	SEX: Male	DAY ON TEST: 585
	DOSE: 100 PPM 10-3	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Brain		Carcinoma	Metastatic (Pituitary Gland)
Kidney		Nephropathy	Chronic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Intermed	Carcinoma	
Note: CARCINOMA TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: PITUITARY CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 502	TRT#: 4	SEX: Male	DAY ON TEST: 737
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	Multiple
		Infarct	Multifocal, Mild
[Cytomegaly TGLS = 2,3-1]			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 503	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 504	TRT#: 4	SEX: Male	DAY ON TEST: 738
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Stomach - Glandular			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-3+4]			
Liver	Centrilobular	Clear Cell Focus	Mild
		Cytomegaly	Moderate
		Degeneration	Cystic, Minimal
		Fibrosis	Focal, Moderate
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-1			
[Degeneration TGLS = 4-1]			
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 3-2]			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
Note: [HYPERPLASIA] TGLs = 5-5			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 505	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Natural Death	DAY ON TEST: 617 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Thymus			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Carcinoma	
		Infarct	Multifocal, Mild
[Cytomegaly TGLS = 1-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 506	TRT#: 4	SEX: Male	DAY ON TEST: 738
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-4]			
Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 5-2			
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infarct	Multifocal, Mild
		Mixed Cell Focus	Moderate
Note: HEPATOCLR ADEN TGLs = 4-1			
[Infarct TGLS = 3-2]			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Adenoma TGLS = 6-3]			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-2			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 507	TRT#: 4	SEX: Male	DAY ON TEST: 738
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 2-2]			
Liver		Hepatocellular Carcinoma	Multiple
		Infarct	Multifocal, Moderate
[Infarct TGLS = 1-3+4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 508	TRT#: 4	SEX: Male	DAY ON TEST: 633
	DOSE: 100 PPM 10-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Colon
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Thymus			
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		
OBSERVATIONS			
Heart		Hemangiosarcoma	
Liver		Hemangiosarcoma	Multiple
[Hemangiosarcoma TGLS = 1-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen		Hemangiosarcoma	
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO MULTIPLE HEMANGIOSARCOMAS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 509		TRT#: 4	SEX: Male	DAY ON TEST: 704
		DOSE: 100 PPM 10-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Medulla	Bone Marrow	Brain	Epididymis	
Esophagus	Gallbladder	Heart	Intestine Large - Cecum	
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Nose	
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate	
Salivary Glands	Skin	Spleen	Stomach - Forestomach	
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder	
MISSING				
Thymus				
OBSERVATIONS				
Adrenal Gland	Cortex	Hypertrophy	Moderate	
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 1-7+8				
Kidney		Nephropathy	Chronic, Minimal	
Liver	Centrilobular	Cytomegaly	Mild	
Lung		Alveolar/Bronchiolar Adenoma		
		Inflammation	Chronic Active, Mild	
Lymph Node				
Note: MANDIBULAR LN NORMAL.				
Testes		Degeneration	Moderate	
Note: DEGEN TGLs = 2-6				
Tooth	Incisor, Upper	Dysplasia	Minimal	
PRIMARY CAUSE OF DEATH		-		
Animal Note: COD; UNDETERMINED.				

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 510	TRT#: 4	SEX: Male	DAY ON TEST: 741
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Stomach - Glandular			
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-2			
Stomach		Forestomach	Squamous, Mild
Note: [HYPERPLASIA] TGLs = 2-3		Hyperplasia	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 511	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Carcinoma Infarct	Mild Multifocal, Minimal
[Cytomegaly TGLS = 1-3]			
Lung		Alveolar/Bronchiolar Carcinoma Hepatocellular Carcinoma Inflammation	Metastatic (Liver) Chronic Active, Minimal
Note: ALV BRON CARC TGLs = 2-2 Note: HEPATOCLR CARC TGLs = 3-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 512	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Degeneration Eosinophilic Focus Hepatocellular Adenoma	Minimal Cystic, Minimal Moderate Multiple
[Cytomegaly TGLS = 1,2-2+3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 513	TRT#: 4	SEX: Male	DAY ON TEST: 741
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 1,4-1+3+4]			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
Note: ALV BRON CARC TGLs = 2,3-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 514	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma	Minimal Multiple
[Cytomegaly TGLS = 2-1+4]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-3			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 515	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma	Mild Multiple
[Cytomegaly TGLS = 2,3-1]			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 516	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 660 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Thymus			
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Histiocytic	
Heart		Hemangiosarcoma	
Intestine Small	Jejunum	Lymphoma Malignant Histiocytic	
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Lymphoma Malignant Histiocytic	
Liver		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	
		Infarct	Multifocal, Mild
		Lymphoma Malignant Histiocytic	
[Infarct TGLS = 6,7-10+11]			
[Lymphoma Malignant Histiocytic TGLS = 5-9]			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 3-7			
Spleen		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 1,2-8]			
Stomach	Forestomach	Diverticulum	Mild
Note: DIVERTICULUM TGLs = 4-12			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 516	TRT#: 4	SEX: Male	DAY ON TEST: 660
	DOSE: 100 PPM 10-3	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND DUE TO LYMPHOMA.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 517	TRT#: 4	SEX: Male	DAY ON TEST: 742
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Lymphoma Malignant Lymphocytic	
[Cytomegaly TGLS = 1-1+2]			
[Hepatocellular Adenoma TGLS = 1-1]			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-2			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 518	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-3+4]	Tarsal	Hyperostosis	
Liver Preputial Gland [Dilatation TGLS = 2-2]	Centrilobular Duct	Cytomegaly Dilatation	Mild Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 519	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-3+4]	Tarsal	Hyperostosis	
Liver Note: HEPATOCLR CARC TGLs = 2,3-1+2		Hepatocellular Carcinoma Infarct	Multiple Multifocal, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 520		TRT#: 4		SEX: Male		DAY ON TEST: 660	
		DOSE: 100 PPM 10-3		DISP: Moribund Sacrifice		HISTO:	
ORGAN AND ACCOUNTABLE SITE STATUS							
NORMAL							
Adrenal Gland - Cortex		Bone		Bone Marrow		Brain	
Epididymis		Esophagus		Gallbladder		Heart	
Intestine Large - Cecum		Intestine Large - Colon		Intestine Large - Rectum		Intestine Small - Duodenum	
Intestine Small - Ileum		Intestine Small - Jejunum		Islets, Pancreatic		Kidney	
Lung		Nose		Pancreas		Parathyroid Gland	
Prostate		Salivary Glands		Stomach - Forestomach		Stomach - Glandular	
Testes		Thymus		Thyroid Gland		Trachea	
Urinary Bladder							
MISSING							
Adrenal Gland - Medulla		Pituitary Gland					
OBSERVATIONS							
Liver		Centrilobular		Cytomegaly		Minimal	
				Degeneration		Cystic, Minimal	
Lymph Node		Mesenteric		Angiectasis		Minimal	
		Mandibular		Hyperplasia		Lymphoid, Mild	
Note: ANGIECTASIS TGLs = 3-9							
Note: HYPERPLASIA TGLs = 4-7							
Preputial Gland		Duct		Dilatation		Marked	
Note: DILATATION TGLs = 2-11							
Skin				Squamous Cell Carcinoma			
Note: SQUAM CEL CARC TGLs = 1-8							
Spleen				Hematopoietic Cell Proliferation		Moderate	
Note: HEMA CELL PROL TGLs = 5-10							
PRIMARY CAUSE OF DEATH		-					
Animal Note: MORIBUND DUE TO SKIN NEOPLASM.							

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 521	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS			
Bone Note: HYPEROSTOSIS TGLs = 2-2+3	Tarsal	Hyperostosis	
Liver	Centrilobular	Cytomegaly Degeneration	Mild Cystic, Mild
Lymph Node Note: ANGIECTASIS TGLs = 1-4	Mesenteric	Angiectasis	Moderate
Stomach Note: HYPERPLASIA TGLs = 3-5	Epithelium, Forestomach	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 522	TRT#: 4	SEX: Male	DAY ON TEST: 743
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON ADEN	TGLs = 1-2		
Note: ALV BRON CARC	TGLs = 1-2		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 523	TRT#: 4	SEX: Male	DAY ON TEST: 674
	DOSE: 100 PPM 10-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Kidney	Lung	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
AUTO PRECLUDES DIAG.			
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Carcinoma	Multiple
[Cytomegaly TGLs = 2,3-8+9]			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Edema	Moderate
Note: EDEMA TGLs = 1-7			
Note: ANGIECTASIS TGLs = 1-7			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: HEPATOCELLULAR NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 524	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 632 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Bone Marrow	Femoral	Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
Liver		Hepatocellular Carcinoma	
		Infarct	Multifocal, Moderate
		Lymphoma Malignant Histiocytic	
[Hepatocellular Carcinoma TGLS = 2-7]			
[Lymphoma Malignant Histiocytic TGLS = 1-1+7]			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO LYMPHOMA & HEPATOCELLULAR CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 525	TRT#: 4	SEX: Male	DAY ON TEST: 743
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Lymph Node			
OBSERVATIONS			
Eye		Degeneration	Moderate
Note: DEGEN	TGLs = 4-3		
Harderian Gland		Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 5-3		
Liver	Centrilobular	Cytomegaly	Moderate
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 3-1+5+6]			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 2-4		
Lymph Node			
Note: MANDIBULAR LN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 526	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Natural Death	DAY ON TEST: 688 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Liver		Hemangiosarcoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hemangiosarcoma TGLS = 3,4,5,6,7-1+9+10+11+12]			
[Hepatocellular Carcinoma TGLS = 3,4,6,7-9+11+12]			
Lung		Inflammation	Chronic Active, Mild
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 2-7			
Note: NO MANDIBULAR LN.			
Spleen		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-8			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEMANGIOSARCOMAS.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 527	TRT#: 4	SEX: Male	DAY ON TEST: 744
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-5+6]			
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 3-1+2			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 2-4]			
Pancreas	Acinus	Atrophy	Marked
	Duct	Dilatation	Moderate
[Atrophy TGLS = 4-3]			
PRIMARY CAUSE OF DEATH	-		

ANIMAL ID: 528	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Eosinophilic Focus Hepatodiaphragmatic Nodule	Mild Mild
Note: [EOSIN FOCUS] TGLs = 1-2 [Cytomegaly TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 529	TRT#: 4 DOSE: 100 PPM 10-3	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Eye		Degeneration	Moderate
Note: [DEGEN] TGLs = 2-5			
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-4			
Liver	Centrilobular	Cytomegaly Eosinophilic Focus Hepatocellular Adenoma	Mild Moderate
Note: [HEPATOCLR ADEN] TGLs = 1,4-2+3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 530	TRT#: 4	SEX: Male	DAY ON TEST: 744
	DOSE: 100 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-2+3			
Intestine Small	Ileum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 8-6			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 9-11			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2,3,4,6,7-5+7+8+9+10			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 561	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-3+5]	Tarsal	Hyperostosis	
Harderian Gland [Adenoma TGLS = 3-4]		Adenoma	
Liver Note: ADENOMA IN SLIDES 1 & 2 WAS JUST ONE TUMOR. [Hepatocellular Adenoma TGLS = 2-1+2]		Hepatocellular Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 562	TRT#: 3	SEX: Male	DAY ON TEST: 495
	DOSE: 30 PPM 1-1	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum	Nose
Prostate	Salivary Glands	Skin	Testes
Trachea	Urinary Bladder		
MISSING			
Gallbladder	Pituitary Gland	Thymus	
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Kidney
Lymph Node	Pancreas	Parathyroid Gland	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-7			
Liver		Hepatocellular Carcinoma	
		Infarct	Multifocal, Marked
[Infarct TGLS = 3-8]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
PRIMARY CAUSE OF DEATH -			
Animal Note: COD & ABDOMINAL FLUID WAS HEPATOCELLULAR CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 563	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Liver		Mineralization	Mild
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 564	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Small - Duodenum	Intestine Small - Ileum		
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Intestine Small	Jejunum	Inflammation	Necrotizing, Acute, Marked
	Jejunum	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
Note: HEPATOCLR ADEN TGLs = 5-6			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3,6-4+7			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-5			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 565	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Mild
[Nephropathy TGLS = 1-2]			
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 566	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: ONE JOINT COULD NOT BE SUCCESSFULLY SECTIONED.			
[Hyperostosis TGLS = 1-2+3]			
Liver		Fatty Change	Minimal
Note: MEDIAN LOBE NODULE NOT SEEN AS NEOPLASM ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 567	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Small - Jejunum			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Intest Small			
Note: LYMPHOID TISSUE WAS NORMAL ON MICRO.			
Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 5,6-4+5]			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 3-6]			
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 568	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 713 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 2-1+10 [Hepatocellular Adenoma TGLS = 1-9]			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Chronic Active, Mild
Note: ALV BRON ADEN TGLs = 4-8 [Inflammation TGLS = 4-8]			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 3-4+7			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO NEOPLASIA OF LUNGS.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 569	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1-1+2			
Lymph Node	Mesenteric	Angiectasis	Minimal
Note: ANGIECTASIS TGLs = 2-3			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 570	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Lymph Node			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
[Degeneration TGLS = 4,5-2+3]			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 3-4			
Lymph Node			
Note: MANDIBULAR LN NORMAL ON MICRO.			
Preputial Gland	Duct	Dilatation	Minimal
[Dilatation TGLS = 1-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 571	TRT#: 3	SEX: Male	DAY ON TEST: 736
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 572		TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Natural Death	DAY ON TEST: 586 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Epididymis	
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon	
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	
Islets, Pancreatic	Lung	Lymph Node	Nose	
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate	
Salivary Glands	Skin	Spleen	Stomach - Forestomach	
Stomach - Glandular	Testes	Thyroid Gland	Trachea	
Urinary Bladder				
MISSING				
Thymus				
OBSERVATIONS				
Bone	Tarsal	Hyperostosis		
Note: HYPEROSTOSIS TGLs = 2-7+8				
Brain	Artery	Compression		
		Inflammation	Chronic Active, Mild	
Gallbladder		Inflammation	Suppurative, Minimal	
Kidney	Artery	Inflammation	Chronic Active, Mild	
		Nephropathy	Chronic, Minimal	
Liver		Hepatocellular Carcinoma		
Note: HEPATOCLR CARC TGLs = 3-9				
Lung				
Note: PINK LUNGS NORMAL ON MICRO EXAM.				
Lymph Node				
Note: MANDIBULAR LN NORMAL.				
Mesentery	Artery	Inflammation	Chronic Active, Mild	
Pituitary GI				
Note: PITUITARY NORMAL ON MICRO.				
Note: RED ENLGMT MAY BE CYST THAT RUPTURED AT NECROPSY.				
Tooth	Incisor, Upper	Dysplasia	Mild	
Urin Bladder				

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 572	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Natural Death	DAY ON TEST: 586 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ENLARGED U BLADDER NORMAL ON MICRO EXAM.

PRIMARY CAUSE OF DEATH	-
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Animal Note: COD PROBABLY RELATED TO HEPATOCELLULAR NEOPLASIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 573	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Natural Death	DAY ON TEST: 584 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatodiaphragmatic Nodule	
		Infarct	Multifocal, Moderate
[Hepatodiaphragmatic Nodule TGLS = 1-7]			
[Infarct TGLS = 2-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Thyroid Gland	Follicular Cel	Adenoma	
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD PROBABLY ASSOC W/HEPATOCELLULAR NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 574	TRT#: 3	SEX: Male	DAY ON TEST: 736
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Small - Ileum	Liver		
OBSERVATIONS			
Bone			
Note: TARSAL JT NOT FOUND AT TRIM OR IN WET TISSUE RECK.			
Intest Small			
Note: ILEAL NODULE WAS NORMAL PEYERS PATCH.			
Liver			
Note: DISCOLORATION WAS DUE TO POOLED RBCS(ARTIFACT).			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 2,3-6]			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 4-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 575	TRT#: 3	SEX: Male	DAY ON TEST: 546
	DOSE: 30 PPM 1-1	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Gallbladder	Pituitary Gland		
AUTO PRECLUDES DIAG.			
Intestine Small - Duodenum			
OBSERVATIONS			
Liver		Fatty Change	Moderate
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD ASSOC W/ HEPATOCELLULAR NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 576	TRT#: 3	SEX: Male	DAY ON TEST: 736
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver	Spleen		
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Spleen			
Note: MOTTLED SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 577	TRT#: 3	SEX: Male	DAY ON TEST: 736
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
Liver	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Minimal
PRIMARY CAUSE OF DEATH	-		

ANIMAL ID: 578	TRT#: 3	SEX: Male	DAY ON TEST: 737
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Liver		Fatty Change	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 579	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Natural Death	DAY ON TEST: 574 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Nose
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Necrosis	Marked
	Medulla	Necrosis	Marked
Kidney		Nephropathy	Chronic, Minimal
		Sarcoma	Metastatic (Mesentery)
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-7			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 2-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mesentery		Sarcoma	
Pancreas		Sarcoma	Metastatic (Mesentery)
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: NEOPLASIA OF LIVER & MESENTERY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 580	TRT#: 3	SEX: Male	DAY ON TEST: 737
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver	Spleen		
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
Liver			
Note: 3MM FOCUS NOT SEEN AT TRIM OR ON MICRO.			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 4-5			
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 5-4]			
Spleen			
Note: MOTTLED SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 581	TRT#: 3	SEX: Male	DAY ON TEST: 737
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-3]			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

ANIMAL ID: 582	TRT#: 3	SEX: Male	DAY ON TEST: 506
	DOSE: 30 PPM 1-1	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Pituitary Gland			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-7+8			
Stomach			
Note: FOCUS IN FSTOM NOT VISIBLE ON MICRO.			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: CAUSE OF MORIBUNDITY UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 583		TRT#: 3		SEX: Male		DAY ON TEST: 737	
		DOSE: 30 PPM 1-1		DISP: Terminal Sacrifice		HISTO:	
ORGAN AND ACCOUNTABLE SITE STATUS							
NORMAL							
Liver							
OBSERVATIONS							
Bone		Tarsal		Hyperostosis			
[Hyperostosis TGLS = 1-2+3]							
Lymph Node		Mandibular		Hyperplasia		Lymphoid, Minimal	
		Mesenteric		Hyperplasia		Lymphoid, Mild	
[Hyperplasia TGLS = 2,3-4+5]							
PRIMARY CAUSE OF DEATH		-					

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 584	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Natural Death	DAY ON TEST: 705 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatocellular Carcinoma	Multiple
		Infarct	Multifocal, Moderate
Note: HEPATOCLR CARC TGLs = 3-9+10+11+12			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 2-2			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 5-8			
Note: MANDIBULAR LN NORMAL.			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 1-7			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH -			
Animal Note: ABDOMINAL FLUID SECONDARY TO HEPATIC NEOPLASIA.			
Animal Note: COD: HEPATOCELLULAR NEOPLASIA W/METASTASES.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 585	TRT#: 3	SEX: Male	DAY ON TEST: 738
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Seminal Vesicle			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Liver		Basophilic Focus	
		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 3-3]			
Sem Ves			
Note: ENLARGED SEM VESICLES NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 586	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 30 PPM 1-1	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Thymus			
OBSERVATIONS			
Liver		Basophilic Focus	
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Inflammation	Chronic Active, Marked
Note: ALV BRON CARC TGLs = 1-2+7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD: NEOPLASIA IN LUNGS.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 587	TRT#: 3	SEX: Male	DAY ON TEST: 738
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3,4-5+6]			
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 2-4]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 588	TRT#: 3	SEX: Male	DAY ON TEST: 738
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Small - Jejunum			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Harderian Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 2-3]			
Intest Small			
Note: JEJUNAL NODULE WAS NORMAL PEYERS PATCH ON MICRO.			
Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	Moderate
Note: HEPATOCLR ADEN TGLs = 4,5,8-1+6			
Lymph Node	Mandibular	Edema	Mild
[Edema TGLS = 3-8]			
Preputial Gland	Duct	Dilatation	Mild
		Inflammation	Chronic Active, Mild
[Dilatation TGLS = 6-4]			
[Inflammation TGLS = 6-4]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 589	TRT#: 3	SEX: Male	DAY ON TEST: 741
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 590	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-2]	Tarsal	Hyperostosis	
Lymph Node [Hyperplasia TGLS = 2-3]	Mandibular	Hyperplasia	Lymphoid, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 591	TRT#: 3	SEX: Male	DAY ON TEST: 741
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver	Lymph Node - Mesenteric		
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
Lymph Node			
Note: ENLARGED MESENTERIC LN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 592	TRT#: 3	SEX: Male	DAY ON TEST: 741
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Large - Cecum			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2]			
Intest Large			
Note: CECAL NODULES WERE NORMAL PEYERS PATCHES.			
Liver		Hepatocellular Adenoma	Multiple
		Infarct	Multifocal, Mild
Note: MASSES IN SLIDES 4 & 6 ARE ALL ONE MASS.			
[Hepatocellular Adenoma TGLS = 2,3,5-3+4+6]			
Mesentery			
Note: MESENTERIC MASS WAS ACTUALLY NECROTIC LIVER MASS.			
Preputial Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 4-5]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 593	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 5-2]	Tarsal	Hyperostosis	
Intestine Small [Inflammation TGLS = 4-4]	Jejunum	Inflammation	Chronic Active, Marked
Liver [Hepatocellular Carcinoma TGLS = 3-3] [Inflammation TGLS = 7-7]		Hepatocellular Carcinoma Inflammation	Chronic, Marked
Lymph Node Note: ENLARGED PANCREATIC LN NOT FOUND IN WET TISSUES.			
Skin [Lipoma TGLS = 1-5]	Subcut Tiss	Lipoma	
Stomach [Hyperplasia TGLS = 6-6]	Epithelium, Forestomach	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 594	TRT#: 3	SEX: Male	DAY ON TEST: 742
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 595	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-6+7]	Tarsal	Hyperostosis	
Liver [Clear Cell Focus TGLS = 3-5]		Clear Cell Focus Hepatocellular Adenoma	
Preputial Gland [Dilatation TGLS = 2-2]	Duct	Dilatation	Moderate
Stomach [Hyperplasia TGLS = 4,5-3+4]	Epithelium, Forestomach	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 596	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Liver		Hepatocellular Carcinoma Infarct	Multifocal, Mild
Note: MULTIPLE MASSES GROSSLY WERE ALL ONE ON MICRO. [Infarct TGLS = 1-2]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 2-3]			
Lymph Node	Mesenteric	Angiectasis	Marked
[Angiectasis TGLS = 3-4]			
Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-4]			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 597	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-5]	Tarsal	Hyperostosis	
Liver		Hepatoblastoma Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 3-2+3 Lymph Node [Angiectasis TGLS = 2-4]	Mesenteric	Angiectasis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 598		TRT#: 3		SEX: Male		DAY ON TEST: 602	
		DOSE: 30 PPM 1-1		DISP: Natural Death		HISTO:	
ORGAN AND ACCOUNTABLE SITE STATUS							
NORMAL							
Adrenal Gland - Medulla		Bone		Bone Marrow		Brain	
Epididymis		Esophagus		Gallbladder		Intestine Large - Cecum	
Intestine Large - Colon		Intestine Large - Rectum		Intestine Small - Duodenum		Intestine Small - Ileum	
Intestine Small - Jejunum		Islets, Pancreatic		Kidney		Lymph Node	
Nose		Pancreas		Parathyroid Gland		Pituitary Gland	
Prostate		Salivary Glands		Spleen		Stomach - Forestomach	
Stomach - Glandular		Testes		Thyroid Gland		Trachea	
Urinary Bladder							
MISSING							
Thymus							
OBSERVATIONS							
Adrenal Gland		Cortex		Hypertrophy		Minimal	
Heart				Cardiomyopathy		Chronic Active, Mild	
		Atrium		Thrombosis			
Note: THROMBUS TGLs = 1-2							
Liver		Centrilobular		Congestion		Chronic, Marked	
Lung				Inflammation		Chronic Active, Moderate	
Lymph Node							
Note: MANDIBULAR LN NORMAL.							
Skin				Cyst Epithelial Inclusion			
Note: CYST EPITH INC TGLs = 2-7							
Tooth		Incisor, Upper		Dysplasia		Minimal	
PRIMARY CAUSE OF DEATH		-					
Animal Note: COD: CONGESTIVE HEART FAILURE.							

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 599	TRT#: 3	SEX: Male	DAY ON TEST: 743
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Lymphoma Malignant Mixed	
[Hepatocellular Adenoma TGLS = 4-4]			
[Hepatocellular Carcinoma TGLS = 5-5]			
[Lymphoma Malignant Mixed TGLS = 2-1+4+5]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-2]			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
[Hematopoietic Cell Proliferation TGLS = 1-3]			
[Lymphoma Malignant Mixed TGLS = 1-3]			
PRIMARY CAUSE OF DEATH			
	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 600	TRT#: 3	SEX: Male	DAY ON TEST: 743
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 1-2+3]			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 4-5			
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 3-4]			
Spleen			
Note: MOTTLED SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 601	TRT#: 3	SEX: Male	DAY ON TEST: 743
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Small - Jejunum	Liver		
OBSERVATIONS			
Intest Small			
Note: JEJUNAL NODULE WAS NORMAL PEYERS PATCH.			
Pancreas	Acinus	Atrophy	Marked
[Atrophy TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 602	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 3-4]	Tarsal	Hyperostosis	
Liver Note: HEPATOCLR CARC TGLs = 2-1+2 Note: CARCINOMA IN SLIDES 1 & 2 IS JUST ONE MASS. [Hepatocellular Adenoma TGLS = 1,4-1+3+5]		Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 603	TRT#: 3	SEX: Male	DAY ON TEST: 548
	DOSE: 30 PPM 1-1	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Kidney	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Gallbladder			
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Spleen	Stomach - Forestomach
Stomach - Glandular			
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Heart		Cholangiocarcinoma	Metastatic (Liver)
Liver		Cholangiocarcinoma	
[Cholangiocarcinoma TGLS = 5-7]			
Lung		Cholangiocarcinoma	Metastatic (Liver)
Note: CHOLANGIOCARC TGLs = 1,2,3,4-2			
Lymph Node	Mediastinal	Cholangiocarcinoma	Metastatic (Liver)
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD: WIDESPREAD CHOLANGIOCARCINOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 604	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-2+3]	Tarsal	Hyperostosis	
Lymph Node [Angiectasis TGLS = 2-4]	Mesenteric	Angiectasis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 605	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Liver		Fatty Change	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 606	TRT#: 3 DOSE: 30 PPM 1-1	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Bone [Hyperostosis TGLS = 1-3+4]	Tarsal	Hyperostosis	
Liver [Cyst TGLS = 2-1+2]		Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 607	TRT#: 3	SEX: Male	DAY ON TEST: 669
	DOSE: 30 PPM 1-1	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach	Testes
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Thymus			
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Small - Duodenum		
OBSERVATIONS			
Brain		Carcinoma	Metastatic (Pituitary Gland)
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Histiocytic	
[Hepatocellular Adenoma TGLS = 1-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA TGLs = 2-6			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: PITUITARY TUMOR.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 608	TRT#: 3	SEX: Male	DAY ON TEST: 744
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
	Tarsal	Inflammation	Chronic Active, Mild
[Hyperostosis TGLS = 1-2]			
Liver		Basophilic Focus	
		Hepatocellular Adenoma	
[Basophilic Focus TGLS = 5-3]			
Lymph Node	Mandibular	Angiectasis	Marked
	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 2,4-5+6]			
Spleen			
Note: MOTTLED SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 609	TRT#: 3	SEX: Male	DAY ON TEST: 744
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Lung			
OBSERVATIONS			
Bone	Tarsal	Hyperostosis	
[Hyperostosis TGLS = 4-4+5]			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-1+3			
Note: RT LAT LOBE NODULE NOT VISIBLE AT TRIM OR ON MICRO.			
Lung			
Note: MASS WAS ARTIFACTUAL COLLECTION OF RBCS IN ALVEOLI.			
Preputial GI			
Note: PREPUTIAL CYST NOT VISIBLE AT TRIM OR ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 610	TRT#: 3	SEX: Male	DAY ON TEST: 744
	DOSE: 30 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 1-2			
Lymph Node		Mesenteric	
Note: ANGIECTASIS TGLs = 2-3		Angiectasis	Moderate
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 701	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Bone Marrow		Myelofibrosis	Minimal
Note: MYELOFIBROSIS IN SKULL.			
Liver		Basophilic Focus	Moderate
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 702	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lymph Node			
Note: MANDIBULAR L.N.-NORMAL			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-1			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 703	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Mammary Gland	Nose	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Adrenal Gland	Cortex, Corticomed Jct	Degeneration	Fatty, Moderate
	Cortex	Hypertrophy	Minimal
Intestine Small	Jejunum	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 3-4			
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-1			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 5-2			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 6-6			
Salivary Glands		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-1			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 704	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Blood		Lymphoma Malignant Lymphocytic	
Bone Marrow	Femoral	Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Moderate
	Duct	Dilatation	Moderate
Note: DILATATION TGLs = 2-4			
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLs = 1-1]			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 3-4			
Uterus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 705	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Natural Death	DAY ON TEST: 668 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Pituitary Gland	Trachea		
MISSING			
Intestine Large - Colon	Mammary Gland	Salivary Glands	
OBSERVATIONS			
Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Blood		Lymphoma Malignant Lymphocytic	
Note: TISSUE SECTIONS (HEART BLOOD, ETC.)			
Note: FOUND DEAD SO NO SMEAR, BUT DX FROM POOLED BLOOD IN			
Bone Marrow	Femoral	Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney	Glomerulus	Inflammation	Membranoprolif, Moderate
		Lymphoma Malignant Lymphocytic	
Liver		Hepatocellular Adenoma	
		Infarct	Multifocal, Mild
		Lymphoma Malignant Lymphocytic	
Note: HEPATOCLR ADEN TGLs = 4-8			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2,3-3+6+7			
Ovary		Lymphoma Malignant Lymphocytic	
Pancreas		Lymphoma Malignant Lymphocytic	
Skeletal Muscle		Lymphoma Malignant Lymphocytic	
Skin		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 705	TRT#: 9	SEX: Female	DAY ON TEST: 668
	DOSE: 0 PPM 0-0	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: LYMPH MAL LYMP TGLs = 1-1			
Stomach	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: LYMPHOMA, WHICH WAS LEUKEMIC.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 706	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Natural Death	DAY ON TEST: 371 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Brain	Esophagus	Heart
Lung	Lymph Node	Nose	Salivary Glands
Trachea			
MISSING			
Thymus			
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Urinary Bladder
Uterus			
OBSERVATIONS			
Liver			
Note: CAUSE OF ENLARGED LIVER OBSCURED BY PM AUTOLYSIS.			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: UNDETERMINED; MOST TISSUES WERE AUTOLYZED			
Animal Note: BEYOND INTERPRETATION.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 707	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Intestine Large	Colon	Leiomyoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Skin	Subcut Tiss	Fibrosis	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 708	TRT#: 9	SEX: Female	DAY ON TEST: 735
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain			
Note: NO CEREBELLUM; PERFUSED FOR EM.			
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Sarcoma Stromal	Multiple
Note: SARC STROMAL TGLs = 1,2-6+7			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MOUSE WAS TERMINAL SAC PERFUSED FOR BRAIN EM.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 709	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 710	TRT#: 9	SEX: Female	DAY ON TEST: 735
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Liver		Clear Cell Focus	Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 711	TRT#: 9	SEX: Female	DAY ON TEST: 735
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
[Hematopoietic Cell Proliferation TGLs = 2-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 712	TRT#: 9	SEX: Female	DAY ON TEST: 736
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
Lung		Inflammation	Chronic Active, Mild
Note: THRUOUT ALVEOLI, WITH OCCASIONAL CLUMPS OF PMNS.			
Note: DIFFUSE SCATTERING OF LARGE BRIGHT PINK ALV MACROS			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Mineralization	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 713	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Adrenal Gland	Cortex, Corticomed Jct	Degeneration	Fatty, Moderate
Harderian Gland		Hyperplasia	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Pituitary Gland	Pars Distalis	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 714	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Gallbladder			
OBSERVATIONS			
Intest Small			
Note: TGL5 WAS W/IN NORMAL LIMITS ON MICRO.			
Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
[Hepatocellular Adenoma TGLS = 3-7]			
Lung	Alveolar Epith	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 4-2			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: MANDIBULAR LN NORMAL.			
Note: ANGIECTASIS TGLs = 6-6			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 1-1			
Tooth	Incisor, Upper	Dysplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-6			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 715	TRT#: 9	SEX: Female	DAY ON TEST: 736
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 716	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Natural Death	DAY ON TEST: 668 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Lymph Node	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Gallbladder			
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Small - Ileum	Islets, Pancreatic	Pancreas
OBSERVATIONS			
Adrenal Gland Note: PHEOCHROM MAL TGLs = 1-6	Medulla	Pheochromocytoma Malignant	
Kidney		Nephropathy	Chronic, Minimal
Liver		Fatty Change	Mild
Lung		Pheochromocytoma Malignant	Metastatic (Adrenal Gland)
Lymph Node Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thymus		Necrosis	Moderate
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: MALIGNANT PHEOCHROMOCYTOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 717	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Cortex, Corticomed Jct	Degeneration	Fatty, Moderate
Kidney		Nephropathy	Chronic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Note: MESENTERIC LN WITHIN NORMAL LIMITS ON MICRO(TGL#4)			
Ovary		Cyst	
Note: CYST TGLs = 2-7			
Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-1]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 3-6			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 718	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 618 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Histiocytic	
Note: LYMPHOMA ALSO SEEN IN SKULL MARROW BUT CAN'T CODE.			
Brain		Hemorrhage	Minimal
Kidney		Lymphoma Malignant Histiocytic	
Liver		Infarct	Multifocal, Mild
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 2-1			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic	
Mesentery		Lymphoma Malignant Histiocytic	
Ovary		Cyst	
		Lymphoma Malignant Histiocytic	
Note: CYST TGLs = 3-6			
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-			
Thymus		Lymphoma Malignant Histiocytic	
Tooth	Peridont Tiss	Lymphoma Malignant Histiocytic	
Uterus		Lymphoma Malignant Histiocytic	
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 719	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 668 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			
MISSING			
Parathyroid Gland	Thyroid Gland		
OBSERVATIONS			
Bone Marrow	Femoral	Hemangiosarcoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
	Periovarn Tiss	Hemangiosarcoma	
Note: CYST TGLs = 1-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-7			
Thyroid Gl			
Note: THYROID LOST FROM WET TISSUES.			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO HEMANGIOSARCOMAS.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 720	TRT#: 9	SEX: Female	DAY ON TEST: 737
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 721	TRT#: 9	SEX: Female	DAY ON TEST: 737
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 3-6			
Ovary		Angiectasis	Marked
		Cyst	
		Thrombosis	
Note: ANGIECTASIS TGLs = 1-6			
Note: CYST TGLs = 2-6			
Pituitary Gland	Pars Distalis	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 722	TRT#: 9	SEX: Female	DAY ON TEST: 737
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Pituitary Gland	Thymus		
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
		Cystadenoma	
Tooth	Incisor, Upper	Dysplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 723		TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain	
Esophagus	Gallbladder	Heart	Intestine Large - Cecum	
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver	
Mammary Gland	Nose	Ovary	Pancreas	
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach	
Stomach - Glandular	Thymus	Trachea	Urinary Bladder	
Uterus				
OBSERVATIONS				
Adrenal Gland	Cortex, Corticomed Jct	Degeneration	Fatty, Marked	
Lung		Inflammation	Chronic Active, Mild	
Pituitary Gland	Pars Distalis	Adenoma		
Note: ADENOMA TGLs = 1-6				
Spleen		Lymphoma Malignant Mixed		
[Lymphoma Malignant Mixed TGLS = 2-1]				
Thyroid Gland	Follicular Cel	Adenoma		
		Inflammation	Chronic Active, Minimal	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 724	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Bronchial	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Harderian Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-7			
Kidney		Nephropathy	Chronic, Minimal
Liver	Mesenteric	Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
Ovary		Luteoma	
Note: [LUTEOMA] TGLs = 2-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Adenoma	
		Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 725	TRT#: 9	SEX: Female	DAY ON TEST: 735
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Mammary Gland			
OBSERVATIONS			
Brain			
Note: NO CEREBELLUM; PERFUSED FOR EM			
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Nose			
Note: ECTASIA PROBABLY 2NDARY TO PERFUSION			
Ovary		Cyst	
Note: DILATATION OF LYMPHATICS & BLD VESSELS DUE TO PERFUSION.			
Note: CYST TGLs = 1-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-6			
PRIMARY CAUSE OF DEATH			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 726		TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow	
Brain	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver	
Lung	Mammary Gland	Nose	Pancreas	
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach	
Stomach - Glandular	Thyroid Gland	Trachea	Uterus	
MISSING				
Pituitary Gland				
OBSERVATIONS				
Kidney		Lymphoma Malignant Mixed		
Lymph Node	Mandibular	Lymphoma Malignant Mixed		
	Mesenteric	Lymphoma Malignant Mixed		
Ovary		Cyst		
		Granulosa Cell Tumor Benign		
Note: CYST TGLs = 1-6				
Spleen		Lymphoma Malignant Mixed		
[Lymphoma Malignant Mixed TGLS = 2-1]				
Thymus		Lymphoma Malignant Mixed		
Urinary Bladder		Lymphoma Malignant Mixed		
PRIMARY CAUSE OF DEATH -				

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 727	TRT#: 9	SEX: Female	DAY ON TEST: 126
	DOSE: 0 PPM 0-0	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Urinary Bladder		
MISSING			
Intestine Large - Rectum	Intestine Small - Ileum	Mammary Gland	Parathyroid Gland
Thyroid Gland	Trachea		
AUTO PRECLUDES DIAG.			
Gallbladder			
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone Marrow	Femoral	Lymphoma Malignant Lymphocytic	
	Vertebral	Lymphoma Malignant Lymphocytic	
Brain		Hemorrhage	Mild
		Necrosis	Mild
Harderian Gland		Inflammation	Chronic Active, Mild
Heart		Cardiomyopathy	Chronic Active, Moderate
		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
	Renal Tubule	Necrosis	Mild
Liver		Infarct	Multifocal, Mild
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-14			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Nose		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 727	TRT#: 9	SEX: Female	DAY ON TEST: 126
	DOSE: 0 PPM 0-0	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Ovary		Lymphoma Malignant Lymphocytic	
Spinal Cord		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-13			
Thymus		Lymphoma Malignant Lymphocytic	
Uterus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: LYMPHOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 728	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Ovary	Periovarn Tiss	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-1]			
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland		Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 729	TRT#: 9	SEX: Female	DAY ON TEST: 741
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
MISSING			
Intestine Small - Duodenum			
OBSERVATIONS			
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Lymphoma Malignant Mixed	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 730	TRT#: 9	SEX: Female	DAY ON TEST: 741
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	
OBSERVATIONS			
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 3-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 2-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen			
Note: MOTTLED SPLEEN WITHIN NORMAL LIMITS ON MICRO.			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 731	TRT#: 9	SEX: Female	DAY ON TEST: 741
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Bone Marrow	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
MISSING			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Mild
Kidney		Nephropathy	Chronic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Tooth	Incisor, Upper	Dysplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 732	TRT#: 9	SEX: Female	DAY ON TEST: 741
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Pituitary Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-7			
Ovary		Cyst	
	Periovarn Tiss	Lymphoma Malignant Lymphocytic	
Note: CYST TGLs = 3-6			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-8			
Thymus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH			
-			
Animal Note: WHITE ABDOMINAL FLUID DUE TO LYMPHOMA (TGL#1).			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 733		TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow	
Brain	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver	
Lung	Lymph Node	Mammary Gland	Nose	
Pancreas	Parathyroid Gland	Salivary Glands	Skin	
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus	
Thyroid Gland	Trachea	Urinary Bladder		
OBSERVATIONS				
Harderian Gland		Hyperplasia	Mild	
Kidney		Nephropathy	Chronic, Minimal	
Lymph Node				
Note: MANDIBULAR LN NORMAL.				
Ovary		Thrombosis		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild	
Note: HYPERPLASIA TGLs = 2-6				
Uterus	Endometrium	Hyperplasia	Cystic, Minimal	
Note: HYPERPLASIA TGLs = 1-6				
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 734		TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain	
Esophagus	Gallbladder	Heart	Intestine Large - Cecum	
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung	
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland	
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular	
Thyroid Gland	Trachea	Urinary Bladder		
OBSERVATIONS				
Adrenal Gland	Medulla	Pheochromocytoma Benign		
Kidney		Lymphoma Malignant Mixed		
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic		
Ovary		Cyst		
Note: CYST TGLs = 1-6	Periovarn Tiss	Lymphoma Malignant Mixed		
Pancreas		Lymphoma Malignant Mixed		
Spleen		Hemangiosarcoma		
		Lymphoma Malignant Mixed		
Thymus		Lymphoma Malignant Mixed		
Uterus		Inflammation	Suppurative, Mild	
		Lymphoma Malignant Histiocytic		
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 735	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tissue NOS	Trachea
Urinary Bladder			
OBSERVATIONS			
Bone Marrow	Femoral	Myelofibrosis	Mild
Eye		Degeneration	Marked
Note: DEGEN TGLs = 2-7			
Harderian Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 1-5+7			
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
Ovary		Cyst	
	Periovarn Tiss	Lymphoma Malignant Mixed	
Note: CYST TGLs = 3-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Lymphoma Malignant Mixed	
Tissue NOS			
Note: TISSUE NOS WAS ESOPHAGUS & W/IN NORMAL LIMITS ON MICRO.			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 4-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 736	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Natural Death	DAY ON TEST: 627 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Intestine Large - Cecum			
OBSERVATIONS			
Adrenal Gland	Cortex	Necrosis	Moderate
Kidney		Lymphoma Malignant Histiocytic	
Liver		Infarct	Multifocal, Mild
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 4-1			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Mesenteric	Angiectasis	Moderate
	Lumbar	Lymphoma Malignant Histiocytic	
	Mandibular	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
	Renal	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1,2,3-7+8+9			
Mesentery		Lymphoma Malignant Histiocytic	
Ovary		Cyst	
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 8-6			
Note: CYST TGLs = 7-6			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Histiocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 736	TRT#: 9	SEX: Female	DAY ON TEST: 627
	DOSE: 0 PPM 0-0	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Lymphoma Malignant Histiocytic
Note: LYMPH MAL HIST TGLs = 5,6-6+10	

PRIMARY CAUSE OF DEATH -

Animal Note: COD: LYMPHOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 737		TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 542 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain	
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland	
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	
Trachea				
MISSING				
Thymus				
OBSERVATIONS				
Adrenal Gland	Cortex	Lymphoma Malignant Histiocytic		
Gallbladder		Lymphoma Malignant Histiocytic		
Heart		Lymphoma Malignant Histiocytic		
Kidney		Lymphoma Malignant Histiocytic		
Liver		Lymphoma Malignant Histiocytic		
Note: LYMPH MAL HIST	TGLs = 8,9-1			
Lung		Lymphoma Malignant Histiocytic		
Lymph Node	Inguinal	Lymphoma Malignant Histiocytic		
	Lumbar	Lymphoma Malignant Histiocytic		
	Mandibular	Lymphoma Malignant Histiocytic		
	Mediastinal	Lymphoma Malignant Histiocytic		
	Mesenteric	Lymphoma Malignant Histiocytic		
	Renal	Lymphoma Malignant Histiocytic		
Note: LYMPH MAL HIST	TGLs = 1,2,5,6,7-2+3+6+8+9+10			
Mesentery		Lymphoma Malignant Histiocytic		
Ovary		Lymphoma Malignant Histiocytic		
Pancreas		Lymphoma Malignant Histiocytic		
Skin	Subcut Tiss	Fibrosarcoma		
Spleen		Lymphoma Malignant Histiocytic		
Note: LYMPH MAL HIST	TGLs = 3,4-7			
Urinary Bladder		Lymphoma Malignant Histiocytic		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 737	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 542 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Uterus		Lymphoma Malignant Histiocytic	
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 738	TRT#: 9	SEX: Female	DAY ON TEST: 742
	DOSE: 0 PPM 0-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary			
Note: LEFT MISSING AT TRIM; RIGHT NORMAL ON MICRO.			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 739	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 643 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Gallbladder		Lymphoma Malignant Undifferentiated Cell Type	
Islets, Pancreatic		Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
Liver		Hematopoietic Cell Proliferation	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
	Pancreatic	Lymphoma Malignant Undifferentiated Cell Type	
	Renal	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 2,3,4,5-2+4+7+8			
Mammary Gland		Lymphoma Malignant Undifferentiated Cell Type	
Mesentery		Lymphoma Malignant Undifferentiated Cell Type	
Ovary		Lymphoma Malignant Undifferentiated Cell Type	
Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Undifferentiated Cell Type	
[Hematopoietic Cell Proliferation TGLS = 1-1]			
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 1-1]			
Stomach	Glandular	Lymphoma Malignant Undifferentiated Cell Type	
Uterus		Lymphoma Malignant Undifferentiated Cell Type	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 739

TRT#: 9

SEX: Female

DAY ON TEST: 643

DOSE: 0 PPM 0-0

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND DUE TO LYMPHOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 740	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 619 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Heart		Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
Liver		Infarct	Multifocal, Mild
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 2-1			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Pancreatic	Lymphoma Malignant Histiocytic	
Note: MANDIBULAR LN NORMAL.			
Mesentery		Lymphoma Malignant Histiocytic	
Ovary		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 3-6			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Histiocytic	
Uterus		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 741		TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow	
Brain	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver	
Lung	Lymph Node	Mammary Gland	Nose	
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland	
Salivary Glands	Skin	Spleen	Stomach - Forestomach	
Stomach - Glandular	Thymus	Trachea	Urinary Bladder	
Uterus				
OBSERVATIONS				
Clitoral Gland	Duct	Dilatation	Mild	
Note: DILATATION TGLs = 1-6				
Harderian Gland		Hyperplasia	Moderate	
Kidney		Nephropathy	Chronic, Minimal	
Lymph Node				
Note: MANDIBULAR LN NORMAL.				
Thyroid Gland	Follicular Cel	Adenoma		
PRIMARY CAUSE OF DEATH				
-				

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 742	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Brain	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Thymus	Trachea
OBSERVATIONS			
Adrenal Gland	Cortex, Corticomed Jct Medulla	Degeneration Pheochromocytoma Complex	Fatty, Marked
Bone Marrow	Femoral	Lymphoma Malignant Lymphocytic Myelofibrosis	Mild
Note: MYELOFIBROSIS ALSO SEEN IN SKULL BUT NOT CODABLE.			
Note: LYMPHOMA SEEN IN SKULL MARROW; SITE NOT CODABLE.			
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mesentery		Lymphoma Malignant Lymphocytic	
Ovary	Periovarn Tiss	Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Atrophy	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-6			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-1			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILOMA SQUA TGLs = 4-4			
Thyroid Gland	Follicular Cel Follicular Cel	Adenoma Hyperplasia Lymphoma Malignant Lymphocytic	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 742	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 743	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node	Mammary Gland	Nose
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Heart		Cardiomyopathy	Chronic Active, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen			
Note: ENLARGED SPLEEN WITHIN NORMAL LIMITS ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 744	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 724 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Mammary Gland
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Uterus		
MISSING			
Urinary Bladder			
OBSERVATIONS			
Bone Marrow		Lymphoma Malignant Lymphocytic	
Note: LYMPHOMA SEEN IN MARROW OF SKULL, BUT CAN'T CODE SITE.			
Brain		Lymphoma Malignant Lymphocytic	
Eye		Degeneration	Marked
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 3-7			
Liver		Fatty Change	Moderate
[Fatty Change TGLS = 2-1]			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 1-4			
Note: MANDIBULAR LN NORMAL.			
Nose	Mucosa	Inflammation	Suppurative, Moderate
Ovary		Lymphoma Malignant Lymphocytic	
		Cyst	
	Periovarn Tiss	Lymphoma Malignant Lymphocytic	
Pancreas	Acinus	Focal Cellular Change	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Tooth	Peridont Tiss	Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 744	TRT#: 9	SEX: Female	DAY ON TEST: 724
	DOSE: 0 PPM 0-0	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND DUE TO LYMPHOMA & HARDERIAN NEOPLASM.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 745	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Note: ADENOMA TGLs = 3-6			
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-2			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 746	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Natural Death	DAY ON TEST: 629 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Brain	Esophagus	Heart
Intestine Large - Colon	Lymph Node	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Thymus			
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Pancreas	Spleen	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-7			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD: UNDETERMINED; MAYBE RELATED TO MAMMARY NEOPLASM.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 747	TRT#: 9	SEX: Female	DAY ON TEST: 653
	DOSE: 0 PPM 0-0	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
MISSING			
Thymus			
OBSERVATIONS			
Brain		Carcinoma	Metastatic (Pituitary Gland)
		Compression	
Kidney		Nephropathy	Chronic, Minimal
Liver		Regeneration	Diffuse, Moderate
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA TGLs = 3-3+6			
Spleen			
Note: ENLARGED SPLEEN WITHIN NORMAL LIMITS ON MICRO.			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: CRANIAL CAVITY ENLARGED DUE TO PITUITARY NEOPLASM.			
Animal Note: MORIBUND DUE TO PITUITARY NEOPLASM.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 748	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Liver		Hematopoietic Cell Proliferation Hepatocellular Adenoma Infarct	Mild Multifocal, Moderate
[Hematopoietic Cell Proliferation TGLS = 3-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 4-6			
Skin		Inflammation	Chronic Active, Marked
	Subcut Tiss	Myxoma	
Note: MYXOMA TGLs = 1-8			
Spleen		Hematopoietic Cell Proliferation	Minimal
[Hematopoietic Cell Proliferation TGLS = 2-1]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 749	TRT#: 9 DOSE: 0 PPM 0-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
MISSING			
Thymus			
OBSERVATIONS			
Kidney		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-1]			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: MANDIBULAR LN NORMAL.			
Mesentery		Lymphoma Malignant Lymphocytic	
Ovary	Periovarn Tiss	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 750	TRT#: 9	SEX: Female	DAY ON TEST: 710
	DOSE: 0 PPM 0-0	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
MISSING			
Intestine Large - Rectum	Parathyroid Gland	Thymus	
OBSERVATIONS			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2-6			
Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO LARGE OVARIAN CYST MOST LIKELY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 761	TRT#: 10	SEX: Female	DAY ON TEST: 734
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 762	TRT#: 10	SEX: Female	DAY ON TEST: 526
	DOSE: 0 PPM 10-0	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Brain			
Note: BRAIN SOFT DUE TO PM AUTOLYSIS.			
Intest Large			
Note: LG INTESTINE SOFT DUE TO PM AUTOLYSIS.			
Intest Small			
Note: SMALL INTESTINE SOFT DUE TO PM AUTOLYSIS.			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-7			
Spleen		Necrosis	Moderate
[Necrosis TGLS = 2-1]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: MAY BE RELATED TO MAMMARY NEOPLASM.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 763		TRT#: 10		SEX: Female		DAY ON TEST: 489	
		DOSE: 0 PPM 10-0		DISP: Moribund Sacrifice		HISTO:	
ORGAN AND ACCOUNTABLE SITE STATUS							
NORMAL							
Adrenal Gland - Cortex		Adrenal Gland - Medulla		Bone		Bone Marrow	
Brain		Esophagus		Gallbladder		Heart	
Intestine Large - Cecum		Intestine Large - Colon		Intestine Large - Rectum		Intestine Small - Duodenum	
Intestine Small - Ileum		Intestine Small - Jejunum		Islets, Pancreatic		Kidney	
Liver		Lymph Node		Mammary Gland		Ovary	
Pancreas		Parathyroid Gland		Pituitary Gland		Salivary Glands	
Skin		Spleen		Stomach - Forestomach		Stomach - Glandular	
Thymus		Thyroid Gland		Trachea		Urinary Bladder	
Uterus							
OBSERVATIONS							
Harderian Gland				Adenocarcinoma			
Note: ADENOCARC		TGLs = 1-5+7					
Lung				Adenocarcinoma		Metastatic (Harderian Gland)	
Note: ADENOCARC		TGLs = 2-2					
Lymph Node							
Note: MANDIBULAR LN NORMAL.							
Nose				Adenocarcinoma		Metastatic (Harderian Gland)	
PRIMARY CAUSE OF DEATH		-					
Animal Note: MORIBUND DUE TO HARDERIAN ADENOCARCINOMA.							

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 764	TRT#: 10	SEX: Female	DAY ON TEST: 734
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-2]			
Stomach	Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-3]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 3-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 765	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		
INSUFFICIENT TISSUE			
Thymus			
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Lung		Inflammation	Chronic Active, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-6			
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 1-7			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 4-9			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-8			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO SKIN TUMOR.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 766	TRT#: 10	SEX: Female	DAY ON TEST: 734
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary		Cyst	
Note: CYST	TGLs = 1-2		
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-2		
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 4-3		
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA	TGLs = 3-2		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 767	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Natural Death	DAY ON TEST: 646 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
MISSING			
Thymus	Urinary Bladder		
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Small - Ileum	Pituitary Gland	
OBSERVATIONS			
Adrenal Gland	Cortex	Lymphoma Malignant Histiocytic	
Bone Marrow	Femoral	Lymphoma Malignant Histiocytic	
Heart		Mineralization	Minimal
Kidney		Lymphoma Malignant Histiocytic	
Liver		Infarct	Multifocal, Mild
		Lymphoma Malignant Histiocytic	
[Infarct TGLS = 1,2-1+8]			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic	
Ovary		Lymphoma Malignant Histiocytic	
Spleen		Lymphoma Malignant Histiocytic	
Uterus		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 3-7			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 768	TRT#: 10	SEX: Female	DAY ON TEST: 734
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4-2+3]			
Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-4]			
Uterus		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 2-5]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 769	TRT#: 10	SEX: Female	DAY ON TEST: 735
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
Note: HEPATOCLR ADEN TGLs = 1-2			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 770		TRT#: 10		SEX: Female		DAY ON TEST: 577	
		DOSE: 0 PPM 10-0		DISP: Natural Death		HISTO:	
ORGAN AND ACCOUNTABLE SITE STATUS							
NORMAL							
Adrenal Gland - Cortex		Adrenal Gland - Medulla		Bone		Bone Marrow	
Brain		Esophagus		Gallbladder		Heart	
Intestine Large - Cecum		Intestine Large - Colon		Intestine Large - Rectum		Intestine Small - Ileum	
Intestine Small - Jejunum		Islets, Pancreatic		Kidney		Liver	
Lung		Lymph Node		Mammary Gland		Nose	
Ovary		Pancreas		Parathyroid Gland		Pituitary Gland	
Salivary Glands		Stomach - Forestomach		Stomach - Glandular		Thymus	
Thyroid Gland		Trachea		Urinary Bladder		Uterus	
AUTO PRECLUDES DIAG.							
Intestine Small - Duodenum							
OBSERVATIONS							
Lymph Node							
Note: MANDIBULAR LN NORMAL.							
Skin		Subcut Tiss		Hemangiosarcoma			
Note: HEMANGIOSARC TGLs = 1-7							
Spleen		Hemangiosarcoma					
Note: HEMANGIOSARC TGLs = 2-8							
PRIMARY CAUSE OF DEATH		-					
Animal Note: COD: HEMANGIOSARCOMA.							
Animal Note: ABD FLUID DUE TO PM AUTOLYSIS & HEMANGIOSARCOMA.							

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 771	TRT#: 10	SEX: Female	DAY ON TEST: 735
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Stomach - Forestomach			
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-1			
Pituitary Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-2			
Stomach			
Note: FOCUS SEEN AT TRIM WAS NOT SEEN AT MICRO AND			
Note: PROBABLY AN AREA OF THICKER KERATINIZATION.			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 772	TRT#: 10	SEX: Female	DAY ON TEST: 735
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary			
[Cyst TGLS = 1-2]			
Cyst			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 773	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 672 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spinal Cord	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 2-6			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORIBUNDITY UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 774	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
Uterus		Endometrium	Hyperplasia
[Hyperplasia TGLS = 2-2]			Cystic, Mild
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 775	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 615 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
MISSING			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Lymphoma Malignant Histiocytic	
Bone Marrow	Femoral	Lymphoma Malignant Histiocytic	
Heart		Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
Note: CAUSE OF PALE KIDNEYS NOT APPARENT AT MICRO.			
Liver		Infarct	Multifocal, Moderate
		Lymphoma Malignant Histiocytic	
[Infarct TGLS = 6-1+8]			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1,2,3-2+3+6+7			
Mesentery		Lymphoma Malignant Histiocytic	
Ovary			
Note: CYST NOT APPARENT ON MICRO.			
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 4,5-7			
Thymus		Lymphoma Malignant Histiocytic	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 775	TRT#: 10	SEX: Female	DAY ON TEST: 615
	DOSE: 0 PPM 10-0	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND DUE TO LYMPHOMA.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 776	TRT#: 10	SEX: Female	DAY ON TEST: 736
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-1]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 777	TRT#: 10	SEX: Female	DAY ON TEST: 736
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-3]			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 778	TRT#: 10	SEX: Female	DAY ON TEST: 736
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary			
[Cyst TGLS = 1-1]			
Cyst			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 779	TRT#: 10	SEX: Female	DAY ON TEST: 528
	DOSE: 0 PPM 10-0	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
MISSING			
Lymph Node			
OBSERVATIONS			
Brain		Compression	
Kidney		Nephropathy	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-6			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO PITUITARY TUMOR.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 780	TRT#: 10	SEX: Female	DAY ON TEST: 736
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-2]			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 781	TRT#: 10	SEX: Female	DAY ON TEST: 737
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Basophilic Focus	
Uterus		Dilatation	
Note: DILATATION TGLs = 1-2		Moderate	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 782	TRT#: 10	SEX: Female	DAY ON TEST: 737
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver	Spleen		
OBSERVATIONS			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-4			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
Spleen			
Note: ENLARGED SPLEEN NORMAL AT MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 783	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS			
Liver [Hepatocellular Adenoma TGLS = 2-2]		Hepatocellular Adenoma	
Pituitary Gland [Adenoma TGLS = 1-3]	Pars Distalis	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 784	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS			
Liver		Eosinophilic Focus	Moderate
Note: [EOSIN FOCUS] TGLs = 2-2			
Ovary		Angiectasis	Moderate
[Cyst TGLS = 1-3]		Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 785	TRT#: 10	SEX: Female	DAY ON TEST: 738
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
Uterus		Endometrium	Cystic, Moderate
[Hyperplasia TGLS = 2-3]		Hyperplasia	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 786	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
OBSERVATIONS			
Liver [Mixed Cell Focus TGLS = 1-2]		Mixed Cell Focus	Moderate
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 787	TRT#: 10	SEX: Female	DAY ON TEST: 738
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 788	TRT#: 10	SEX: Female	DAY ON TEST: 738
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
MISSING			
Eye			
OBSERVATIONS			
Eye			
Note: RT EYE LOST IN PROCESSING; EYE ON SLIDE IS LEFT EYE.			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-3]			
Ovary		Cyst	
[Cyst TGLS = 2-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 3-2]			
PRIMARY CAUSE OF DEATH	-		

ANIMAL ID: 789	TRT#: 10	SEX: Female	DAY ON TEST: 741
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 3-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 790	TRT#: 10	SEX: Female	DAY ON TEST: 741
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 791	TRT#: 10	SEX: Female	DAY ON TEST: 741
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 792	TRT#: 10	SEX: Female	DAY ON TEST: 605
	DOSE: 0 PPM 10-0	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain		Lymphoma Malignant Lymphocytic	
Gallbladder		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Skin	Subcut Tiss	Sarcoma	
Note: SARCOMA TGLs = 1-7			
Spleen		Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO SARCOMA AND LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 793	TRT#: 10	SEX: Female	DAY ON TEST: 658
	DOSE: 0 PPM 10-0	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-7]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	Mesenteric	Necrosis	Moderate
Note: MANDIBULAR LN NORMAL.			
[Necrosis TGLS = 2,3-7+8]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 794	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 605 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Nose	Pancreas	Parathyroid Gland	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
MISSING			
Lymph Node	Mammary Gland	Pituitary Gland	Salivary Glands
Thymus			
OBSERVATIONS			
Bone Marrow	Femoral	Hemangiosarcoma	
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-1]			
Ovary		Cyst	
Note: CYST TGLs = 2-6			
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-7			
Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-1]			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO HEMANGIOSARCOMAS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 795	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Liver		Infarct	Multifocal, Mild
Note: LYMPH MAL MIXD TGLs = 2-1+2		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-2			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 796	TRT#: 10	SEX: Female	DAY ON TEST: 742
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Eye	Cornea	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-2]			
Harderian Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 2-2]			
Lung		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 3-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 797	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 578 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Thyroid Gland	Trachea		
OBSERVATIONS			
Gallbladder		Lymphoma Malignant Mixed	
Kidney		Nephropathy	Chronic, Minimal
Liver		Infarct	Multifocal, Mild
		Lymphoma Malignant Mixed	
Note: INFARCT TGLs = 6-1			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-9			
Note: MANDIBULAR LN MISSING.			
Mesentery		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-4+6+9+10			
Ovary		Cyst	
		Lymphoma Malignant Mixed	
Note: CYST TGLs = 4-6			
Pancreas		Lymphoma Malignant Mixed	
Skeletal Muscle		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 8-7			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-8			
Stomach	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 9-4			
Thymus		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 797	TRT#: 10	SEX: Female	DAY ON TEST: 578
	DOSE: 0 PPM 10-0	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: LYMPH MAL MIXD TGLs = 7-2	Lymphoma Malignant Mixed		
Urinary Bladder			
Uterus			
Note: LYMPH MAL MIXD TGLs = 2-6+10			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD:LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 798	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Uterus [Hyperplasia TGLS = 1-2]	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 799	TRT#: 10	SEX: Female	DAY ON TEST: 742
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Eye	Cornea	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-2]			
Harderian Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 2-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 3-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 800		TRT#: 10	SEX: Female	DAY ON TEST: 742
		DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS				
Liver			Hemangiosarcoma	Multiple
Note: HEMANGIOSARC TGLs = 5-1			Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-1]				
Lymph Node		Mesenteric	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-2]				
Ovary			Cyst	
[Cyst TGLS = 1-2]				
Uterus		Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-2]				
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 801	TRT#: 10	SEX: Female	DAY ON TEST: 743
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-5]			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-3]			
Spleen		Hemangiosarcoma	
		Hyperplasia	Lymphoid, Moderate
[Hemangiosarcoma TGLS = 5-2]			
[Hyperplasia TGLS = 1-2]			
Stomach	Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-6]			
Uterus		Dilatation	Moderate
[Dilatation TGLS = 2-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 802	TRT#: 10	SEX: Female	DAY ON TEST: 743
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary		Cyst	
[Cyst TGLS = 2-2]			
Uterus		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-2]			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 803	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 680 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Bronchial	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Bone Marrow	Femoral	Hemangiosarcoma	
Liver		Basophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	
[Basophilic Focus TGLS = 3-8]			
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: MANDIBULAR LN NORMAL.			
Note: [ANGIECTASIS] TGLs = 4-10			
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-9			
Spleen		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-7			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO HEMANGIOSARCOMAS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 804	TRT#: 10	SEX: Female	DAY ON TEST: 743
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-2]			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 805	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 806	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 671 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Kidney	Glomerulus	Inflammation	Membranoprolif, Mild
Liver		Infarct	Multifocal, Mild
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 3-1+7			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
Ovary		Cyst	
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 2-6			
Pancreas		Lymphoma Malignant Histiocytic	
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Necrosis	Mild
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-1			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 807	TRT#: 10	SEX: Female	DAY ON TEST: 744
	DOSE: 0 PPM 10-0	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 2-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 808		TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS				
Harderian Gland			Adenoma	
[Adenoma TGLS = 5-2]				
Intestine Small	Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-3]				
Liver			Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-6]				
Lymph Node	Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-4]				
Ovary			Cyst	
[Cyst TGLS = 4-5]				
Uterus	Endometrium		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 3-5]				
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 809	TRT#: 10 DOSE: 0 PPM 10-0	SEX: Female DISP: Natural Death	DAY ON TEST: 484 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-7			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 810	TRT#: 10	SEX: Female	DAY ON TEST: 362
	DOSE: 0 PPM 10-0	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Colon	Intestine Small - Ileum
Kidney	Liver	Lung	Lymph Node
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
MISSING			
Thymus			
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Choriocarcinoma	
Note: CHORIOCARC TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: CHORIOCARCINOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 821	TRT#: 16	SEX: Female	DAY ON TEST: 679
	DOSE: 600 PPM 0-10	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Bronchial	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
MISSING			
Mammary Gland			
OBSERVATIONS			
Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-1+7+8]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Note: [HYPERPLASIA] TGLs = 1-9			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR ADENOMAS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 822	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Eosinophilic Focus	Mild
[Hepatocellular Adenoma TGLS = 1-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 823	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Liver		Basophilic Focus	
	Centrilobular	Cytomegaly	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cystadenoma	
Note: [CYSTADENOMA] TGLs = 1-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 824	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Liver	Centrilobular	Basophilic Focus Cytomegaly Eosinophilic Focus Hepatocellular Adenoma	Minimal Mild Mild
[Cytomegaly TGLS = 1,2-1+7]			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Thymus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 825	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Bone Marrow	Femoral	Myelofibrosis	Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 826	TRT#: 16	SEX: Female	DAY ON TEST: 735
	DOSE: 600 PPM 0-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Mammary Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen			
Note: MOTTLED SPLEEN WITHIN NORMAL LIMITS ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 827	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 566 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Moderate
Kidney		Lymphoma Malignant Histiocytic	
Liver		Infarct	Multifocal, Minimal
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 2-1			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mesentery		Lymphoma Malignant Histiocytic	
Ovary	Periovarn Tiss	Lymphoma Malignant Histiocytic	
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-7			
Thymus		Lymphoma Malignant Histiocytic	
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 828	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Salivary Glands	Skin	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Gallbladder	Parathyroid Gland		
OBSERVATIONS			
Kidney		Lymphoma Malignant Mixed Nephropathy	Chronic, Minimal
Note: LYMPH MAL MIXD TGLs = 3-1			
Liver		Eosinophilic Focus Hepatocellular Carcinoma	Mild Multiple
Note: HEPATOCLR CARC TGLs = 1-1+7			
Lymph Node	Inguinal	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
Ovary	Periovarn Tiss	Lymphoma Malignant Mixed	
Pancreas		Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-1+7]			
Stomach	Glandular	Lymphoma Malignant Mixed	
Thymus		Lymphoma Malignant Mixed	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 829	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Natural Death	DAY ON TEST: 714 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Stomach - Forestomach	Trachea
Uterus			
MISSING			
Mammary Gland			
OBSERVATIONS			
Adrenal Gland	Cortex	Thrombosis	
Bone Marrow	Femoral	Lymphoma Malignant Mixed	
Harderian Gland		Lymphoma Malignant Mixed	
Heart		Lymphoma Malignant Mixed	
Intestine Large	Rectum	Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-1+9]			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1,5,6-3+6+7+8			
Mesentery		Lymphoma Malignant Mixed	
Ovary	Periovarn Tiss	Lymphoma Malignant Mixed	
Pancreas		Lymphoma Malignant Mixed	
Salivary Glands		Lymphoma Malignant Mixed	
Skeletal Muscle		Lymphoma Malignant Mixed	
Skin		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 829	TRT#: 16	SEX: Female	DAY ON TEST: 714
	DOSE: 600 PPM 0-10	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Stomach	Glandular	Lymphoma Malignant Mixed	
Thymus		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-2			
Thyroid Gland		Lymphoma Malignant Mixed	
Tooth	Peridont Tiss	Lymphoma Malignant Mixed	
Urinary Bladder		Lymphoma Malignant Mixed	
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: LYMPHOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 830	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Degeneration Hepatocellular Adenoma	Minimal Cystic, Minimal
[Cytomegaly TGLS = 1-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 831	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Lymphocytic	
	Femoral	Myelofibrosis	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 3,4-7]			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Ovary		Cyst	
		Cystadenoma	
		Luteoma	
	Periovarn Tiss	Lymphoma Malignant Lymphocytic	
Note: LUTEOMA TGLs = 1-7			
Spleen		Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Lymphoma Malignant Lymphocytic	
Note: HYPERPLASIA TGLs = 2-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 832	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma	Minimal
Note: ONLY ONE "FOCUS" FOUND IN SPITE OF NUMEROUS RECUTS. [Cytomegaly TGLS = 1-1]			
Lymph Node Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 833	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
MISSING			
Pituitary Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	
		Infarct	Multifocal, Marked
[Cytomegaly TGLS = 3-7]			
[Hepatocellular Adenoma TGLS = 3-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Angiectasis	Marked
		Cyst	
		Thrombosis	
Note: ANGIECTASIS TGLs = 1-6			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-1			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 834	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 835	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Mammary Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
		Eosinophilic Focus	Moderate
Note: THERE ARE 2 SECTIONS OF THE SAME NODULE IN SLIDE 1.			
Note: [EOSIN FOCUS] TGLs = 2-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen			
Note: MOTTLED SPLEEN WAS WITHIN NORMAL LIMITS ON MICRO.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 836		TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 421 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow	
Brain	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver	
Lung	Lymph Node	Mammary Gland	Nose	
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland	
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular	
Thymus	Thyroid Gland	Trachea	Urinary Bladder	
Uterus				
OBSERVATIONS				
Kidney		Nephropathy	Chronic, Minimal	
Lymph Node				
Note: MANDIBULAR LN NORMAL.				
Skin	Subcut Tiss	Fibrosarcoma		
Note: FIBROSARC TGLs = 1-7				
PRIMARY CAUSE OF DEATH -				
Animal Note: MORIBUND DUE TO SQ FIBROSARCOMA.				

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 837	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Bone Marrow	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		
MISSING			
Adrenal Gland - Medulla	Pituitary Gland		
INSUFFICIENT TISSUE			
Adrenal Gland - Cortex			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Eosinophilic Focus	Mild Mild
Note: [EOSIN FOCUS] TGLs = 2-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Note: MESENTERIC LN WITHIN NORMAL LIMITS ON MICRO.			
Spleen			
Note: GRANULAR SPLEEN NORMAL ON MICRO.			
Thyroid Gland	Follicular Cel Follicular Cel	Adenoma Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 838	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Natural Death	DAY ON TEST: 625 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Brain	Esophagus	Heart
Kidney	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Thymus	Trachea
Urinary Bladder	Uterus		
MISSING			
Gallbladder	Mammary Gland	Pituitary Gland	
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Spleen	Stomach - Forestomach
Stomach - Glandular			
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Histiocytic	
Liver		Infarct	Multifocal, Mild
		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 1-1]			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Mediastinal	Lymphoma Malignant Histiocytic	
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 839	TRT#: 16	SEX: Female	DAY ON TEST: 737
	DOSE: 600 PPM 0-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
MISSING			
Mammary Gland			
OBSERVATIONS			
Liver		Basophilic Focus	
		Eosinophilic Focus	Moderate
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-7			
Lung	Mediastinum	Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Adenocarcinoma	
		Dilatation	Moderate
		Inflammation	Suppurative, Mild
Note: DILATATION TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 840	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			
MISSING			
Mammary Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	Follicular Cel	Adenoma	Multiple
	Follicular Cel	Hyperplasia	Moderate
Tooth	Incisor, Upper	Dysplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 841	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Degeneration	Minimal Cystic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Thyroid Gland	Follicular Cel Follicular Cel	Adenoma Hyperplasia	Multiple Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 842	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
MISSING			
Thymus			
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
[Cytomegaly TGLS = 2-1]			
[Hepatocellular Adenoma TGLS = 2-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Pancreas	Acinus	Atrophy	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
Uterus		Dilatation	Moderate
Note: DILATATION TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 843	TRT#: 16	SEX: Female	DAY ON TEST: 738
	DOSE: 600 PPM 0-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
MISSING			
Parathyroid Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
Note: HEPATOCLR ADEN TGLs = 3-4			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Note: PANCREATIC LN GROSS LESION WAS ACTUALLY LIVER.			
Ovary			
Note: CYST TGLs = 1-6			
Spleen			
[Lymphoma Malignant Mixed TGLS = 2-1]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 844	TRT#: 16	SEX: Female	DAY ON TEST: 738
	DOSE: 600 PPM 0-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
MISSING			
Mammary Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Carcinoma	
[Cytomegaly TGLS = 1-7]			
Lung		Inflammation	Chronic Active, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 845	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Degeneration	Mild Cystic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 846	TRT#: 16	SEX: Female	DAY ON TEST: 741
	DOSE: 600 PPM 0-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Degeneration	Minimal Cystic, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Uterus		Dilatation	Moderate
Note: DILATATION TGLs = 1-6			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 847	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Gallbladder			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma	Minimal
[Cytomegaly TGLS = 2-7]			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 1-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 3-6			
Pituitary Gland	Pars Distalis	Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 848	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Angiectasis	Mild
Note: ANGIECTASIS TGLs = 3-6			
Skin		Cyst	
		Mineralization	Marked
Note: CYST TGLs = 1-7			
Note: MINERALIZATION TGLs = 1-7			
Note: LESION RESEMBLED CALCINOSIS CIRCUMSCRIPTA IN DOGS.			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 849	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Natural Death	DAY ON TEST: 662 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Rectum
Intestine Small - Duodenum	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Spleen
Stomach - Forestomach	Stomach - Glandular		
OBSERVATIONS			
Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Infarct	Multifocal, Minimal
Note: HEPATOCLR ADEN TGLs = 1-1+7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 850	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Mild
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Pancreas		Inflammation	Chronic, Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 851	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 684 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Bone Marrow	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Gland	Cortex Medulla	Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Hepatocellular Adenoma Infarct Lymphoma Malignant Histiocytic	Multifocal, Mild
Brain			
Gallbladder			
Kidney			
Liver			
Note: LYMPH MAL HIST TGLs = 2-1+7 [Lymphoma Malignant Histiocytic TGLS = 1-1+7]			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Lumbar	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 4-9 Note: MANDIBULAR LN NORMAL.			
Mesentery		Lymphoma Malignant Histiocytic	
Pancreas	Acinus	Depletion Secretory Lymphoma Malignant Histiocytic	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Histiocytic	Moderate
Tooth	Peridont Tiss	Lymphoma Malignant Histiocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:32

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 851	TRT#: 16	SEX: Female	DAY ON TEST: 684
	DOSE: 600 PPM 0-10	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Uterus		Lymphoma Malignant Histiocytic	
Vagina		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 3-8		
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 852	TRT#: 16	SEX: Female	DAY ON TEST: 707
	DOSE: 600 PPM 0-10	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Mammary Gland	Nose	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Parathyroid Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Note: INFARCT TGLs = 3-7		Infarct	Multifocal, Moderate
Lymph Node	Lumbar	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 4-8			
Note: MANDIBULAR LN NORMAL.			
Mesentery		Lymphoma Malignant Histiocytic	
Ovary		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 2-6			
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND DUE TO LYMPHOMA			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 853	TRT#: 16	SEX: Female	DAY ON TEST: 741
	DOSE: 600 PPM 0-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 854	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Lymphoma Malignant Histiocytic	Minimal
[Lymphoma Malignant Histiocytic TGLS = 3-1]			
Lymph Node	Mesenteric	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 2-7			
Note: MANDIBULAR LN NORMAL.			
Mesentery		Lymphoma Malignant Histiocytic	
Ovary		Cyst	
	Periovarn Tiss	Lymphoma Malignant Histiocytic	
Note: CYST TGLs = 4-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 1-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 855	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
[Cytomegaly TGLS = 2-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 856	TRT#: 16	SEX: Female	DAY ON TEST: 582
	DOSE: 600 PPM 0-10	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Uterus	
MISSING			
Urinary Bladder			
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
OBSERVATIONS			
Intestine Large	Colon	Parasite Metazoan	
Liver		Hepatocellular Carcinoma	
		Infarct	Multifocal, Moderate
Note: HEPATOCLR CARC TGLs = 1-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR NEOPLASM			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 857	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 858	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly Hepatocellular Carcinoma	Minimal
[Hepatocellular Carcinoma TGLS = 2-7]			
Lymph Node	Mesenteric	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 3-8			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen			
Note: MOTTLED SPLEEN WITHIN NORMAL LIMITS ON MICRO.			
Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 859	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Natural Death	DAY ON TEST: 568 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Parathyroid Gland	Thymus		
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Bone Marrow	Femoral	Myelofibrosis	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-7			
Lung		Inflammation	Chronic Active, Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR NEOPLASM			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 860	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 667 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
MISSING			
Mammary Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Mild
[Hepatocellular Adenoma TGLS = 1-1]			
[Hepatocellular Carcinoma TGLS = 2-7]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR NEOPLASMS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 861	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
MISSING			
Intestine Large - Rectum	Mammary Gland		
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 1-7]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node			
Note: MANDIBULAR LN NORMAL			
Ovary		Cyst	
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 862	TRT#: 16	SEX: Female	DAY ON TEST: 743
	DOSE: 600 PPM 0-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
MISSING			
Lymph Node	Salivary Glands		
OBSERVATIONS			
Intestine Small	Jejunum	Inflammation	Necrotizing, Acute, Moderate
Note: INFLAMMATION TGLs = 1-4			
Liver	Centrilobular	Cytomegaly	Minimal
		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-7			
Lung		Inflammation	Chronic Active, Mild
Ovary		Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 863	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
MISSING			
Brain	Gallbladder	Parathyroid Gland	Pituitary Gland
INSUFFICIENT TISSUE			
Ovary			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Carcinoma	
		Infarct	Multifocal, Moderate
		Inflammation	Chronic, Mild
[Cytomegaly TGLS = 1-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Marked
Thymus		Lymphoma Malignant Lymphocytic	
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 864	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Liver	Centrilobular	Clear Cell Focus Cytomegaly Eosinophilic Focus Hepatocellular Adenoma	Mild Moderate
Lymph Node Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 865	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Harderian Gland		Adenoma	
Kidney		Lymphoma Malignant Lymphocytic	
Liver	Centrilobular	Cytomegaly	Mild
		Lymphoma Malignant Lymphocytic	
Lung		Inflammation	Chronic Active, Mild
		Lymphoma Malignant Lymphocytic	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 866	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen			
Note: MOTTLED SPLEEN WITHIN NORMAL LIMITS ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 867	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 868	TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 727 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Adrenal Gland	Cortex	Hypertrophy	Moderate
Liver		Hepatocellular Adenoma	Multiple
		Infarct	Multifocal, Moderate
Note: HEPATOCLR ADEN TGLs = 1,2-1+7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR NEOPLASMS.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 869	TRT#: 16	SEX: Female	DAY ON TEST: 744
	DOSE: 600 PPM 0-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 2-6			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Infarct	Multifocal, Moderate
Note: INFARCT TGLs = 1-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 870		TRT#: 16 DOSE: 600 PPM 0-10	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 724 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow	
Brain	Esophagus	Gallbladder	Heart	
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	
Nose	Ovary	Parathyroid Gland	Salivary Glands	
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	
Trachea	Urinary Bladder	Uterus		
MISSING				
Thymus				
OBSERVATIONS				
Kidney		Lymphoma Malignant Histiocytic		
Liver		Infarct		Multifocal, Mild
		Lymphoma Malignant Histiocytic		
Note: LYMPH MAL HIST TGLs = 3-1				
Lung		Lymphoma Malignant Histiocytic		
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic		
	Mediastinal	Lymphoma Malignant Histiocytic		
	Mesenteric	Lymphoma Malignant Histiocytic		
Note: LYMPH MAL HIST TGLs = 4-4				
Mesentery		Lymphoma Malignant Histiocytic		
Pancreas		Lymphoma Malignant Histiocytic		
Pituitary Gland	Pars Distalis	Hyperplasia		Minimal
Spleen		Lymphoma Malignant Histiocytic		
[Lymphoma Malignant Histiocytic TGLS = 2-1]				
PRIMARY CAUSE OF DEATH -				
Animal Note: MORIBUND DUE TO LYMPHOMA.				
Animal Note: RED ABDOMINAL FLUID DUE TO LYMPHOMA.				

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 881	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Bone Marrow	Femoral	Myelofibrosis	Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 882	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Liver	Centrilobular	Basophilic Focus Cytomegaly Hepatocellular Adenoma	Mild
Lymph Node Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 883	TRT#: 15	SEX: Female	DAY ON TEST: 734
	DOSE: 600 PPM 10-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		
INSUFFICIENT TISSUE			
Thymus			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-1			
Lung		Lymphoma Malignant Mixed	
Lymph Node			
Note: ENLARGED MANDIBULAR LN NORMAL ON MICRO.(TGL#1).			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-1			
Thyroid Gland		Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 884	TRT#: 15	SEX: Female	DAY ON TEST: 734
	DOSE: 600 PPM 10-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	Moderate
	Centrilobular	Cytomegaly	Mild
		Fibrosis	Multifocal, Mild
		Hepatocellular Carcinoma	
		Infarct	Multifocal, Marked
Note: INFARCT TGLs = 1,3-1			
Note: [BASOPH FOCUS] TGLs = 1,2-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 885	TRT#: 15	SEX: Female	DAY ON TEST: 735
	DOSE: 600 PPM 10-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Mammary Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytoplasmic vacuolization	Minimal
Note: FOCUS SEEN GROSSLY (TGL#2).			
Note: THERE IS NO MICRO FINDING TO EXPLAIN THE RED 2MM			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cystadenoma	
Note: CYSTADENOMA TGLs = 1-6			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 886	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
MISSING			
Mammary Gland	Thymus		
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Stomach	Forestomach	Mast Cell Tumor Nos	
	Glandular	Mast Cell Tumor Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 887	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Mild
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-1+7			
Note: MASSES IN LIVER ON SLIDES 1 & 7 ARE JUST ONE MASS.			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 888	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Bone Marrow	Femoral	Myelofibrosis	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 2,3-1+7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 889	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Natural Death	DAY ON TEST: 668 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Rectum
Kidney	Lymph Node	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Thymus	Thyroid Gland	Trachea
Uterus			
MISSING			
Pituitary Gland			
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas
Stomach - Forestomach	Stomach - Glandular	Urinary Bladder	
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Carcinoma Infarct	Mild Multifocal, Moderate
Note: MASS IN SLIDES 1 & 7 WAS JUST ONE MASS. [Cytomegaly TGLS = 1-1+7]			
Lung		Inflammation	Chronic Active, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH		-	
Animal Note: COD: HEPATOCELLULAR CARCINOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 890	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Natural Death	DAY ON TEST: 501 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
		Infarct	Multifocal, Mild
Note: HEPATOCLR ADEN TGLs = 1-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR NEOPLASM.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 891	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Carcinoma Mixed Cell Focus	Minimal Mild
Note: [HEPATOCLR CARC] TGLs = 2-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 892	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mesenteric	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	
MISSING			
Mammary Gland			
OBSERVATIONS			
Liver		Hepatocellular Adenoma Vacuolization Cytoplasmic	Multiple Moderate
[Hepatocellular Adenoma TGLS = 1,2-7]			
Lymph Node			
Note: ENLARGED MESENTERIC LNS NORMAL ON MICRO.			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MOUSE WAS TERMINAL SAC PERFUSED FOR BRAIN EM.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 893	TRT#: 15	SEX: Female	DAY ON TEST: 736
	DOSE: 600 PPM 10-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
MISSING			
Mammary Gland			
OBSERVATIONS			
Heart	Artery	Inflammation	Chronic Active, Mild
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Infarct	Multifocal, Mild
Note: [HEPATOCLR CARC] TGLs = 2-7			
Note: CAUSE OF PALE FOCI NOT SEEN AT HISTO.			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Uterus		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 894	TRT#: 15	SEX: Female	DAY ON TEST: 736
	DOSE: 600 PPM 10-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			
MISSING			
Thymus			
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant Mixed	
Note: HEPATOCLR CARC TGLs = 1-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 3-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-1			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 895	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Natural Death	DAY ON TEST: 722 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Uterus
AUTO PRECLUDES DIAG.			
Gallbladder			
OBSERVATIONS			
Brain		Hemorrhage	Mild
Heart	Artery	Inflammation	Chronic Active, Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mesentery	Artery	Inflammation	Chronic Active, Mild
Pancreas	Artery	Inflammation	Chronic Active, Mild
Urinary Bladder	Artery	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD PROBABLY RELATED TO POLYARTERITIS & BRAIN HEMORRHAGE.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 896	TRT#: 15	SEX: Female	DAY ON TEST: 736
	DOSE: 600 PPM 10-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Pituitary Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
		Thrombosis	
Note: CYST TGLs = 1-6			
[Cyst TGLS = 1-6]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 897	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		
MISSING			
Mammary Gland	Skin		
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
[Cytomegaly TGLS = 1,2-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 898	TRT#: 15	SEX: Female	DAY ON TEST: 598
	DOSE: 600 PPM 10-10	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
MISSING			
Gallbladder			
OBSERVATIONS			
Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 899	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 635 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
MISSING			
Lymph Node	Thymus		
OBSERVATIONS			
Kidney		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 4-1			
Liver		Infarct	Multifocal, Mild
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 2,3-1			
Lung		Lymphoma Malignant Histiocytic	
Mesentery		Lymphoma Malignant Histiocytic	
Ovary		Angiectasis	Moderate
		Lymphoma Malignant Histiocytic	
Note: ANGIECTASIS TGLs = 1-6			
Pancreas	Acinus	Depletion Secretory	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Histiocytic	
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 900	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
MISSING			
Pituitary Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Lymphoma Malignant Mixed	
		Lymphoma Malignant Mixed	
Lymph Node	Mesenteric		
Note: LYMPH MAL MIXD TGLs = 2-6			
Note: MANDIBULAR LN NORMAL.			
Mesentery		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-1]			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 901	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Mammary Gland			
INSUFFICIENT TISSUE			
Bone Bone Marrow			
OBSERVATIONS			
Kidney		Lymphoma Malignant Lymphocytic	
Liver	Centrilobular	Cytomegaly	Mild
		Eosinophilic Focus	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-6			
Ovary	Periovarn Tiss	Lymphoma Malignant Lymphocytic	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-1			
Thymus		Lymphoma Malignant Lymphocytic	
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 902	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma	Minimal
Lymph Node Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Uterus		Inflammation	Suppurative, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 903	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Carcinoma	
[Cytomegaly TGLS = 2-7]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: METASTASIS WAS FOCUS OF 1-2 HEPATOCYTES IN BLD VESSEL.			
Lymph Node			
Note: ENLARGED MANDIBULAR LN NORMAL ON MICRO.			
Pancreas	Artery	Inflammation	Chronic Active, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 904	TRT#: 15	SEX: Female	DAY ON TEST: 738
	DOSE: 600 PPM 10-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Lymph Node			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Note: WHITE FOCUS NOT APPARENT ON MICRO.		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-1]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen			
Note: MOTTLED SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 905	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
MISSING			
Pituitary Gland	Thymus		
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Cytomegaly TGLS = 1-1]			
[Hepatocellular Adenoma TGLS = 1-7]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 2-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 906	TRT#: 15	SEX: Female	DAY ON TEST: 738
	DOSE: 600 PPM 10-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		
MISSING			
Mammary Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Hepatocellular Adenoma	
[Cytomegaly TGLS = 1-7]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 907	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tissue NOS	Trachea	Urinary Bladder
OBSERVATIONS			
Liver Note: HEPATOCLR ADEN TGLs = 2-1		Hepatocellular Adenoma	Multiple
Lymph Node Note: MANDIBULAR LN NORMAL			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
Uterus Note: DILATATION TGLs = 1-6		Dilatation	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 908	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Thymus			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma Hepatocellular Carcinoma	Minimal
[Cytomegaly TGLS = 1,2-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Note: MESENTERIC LN WITHIN NORMAL LIMITS (TGL#3).			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 909	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Liver	Centrilobular	Clear Cell Focus Cytomegaly Eosinophilic Focus	Mild Mild Mild
Note: [EOSIN FOCUS] TGLs = 2-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Thyroid Gland	Follicular Cel Follicular Cel	Adenoma Hyperplasia Inflammation Dysplasia	Mild Chronic Active, Minimal Minimal
Tooth	Incisor, Upper		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 910	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Liver	Centrilobular	Clear Cell Focus Cytomegaly Eosinophilic Focus Hepatocellular Carcinoma	Minimal Minimal Moderate
Note: [EOSIN FOCUS] TGLs = 1-1 Note: HEPATOCLR CARC TGLs = 1-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 911	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 728 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Skin	Stomach - Forestomach
Urinary Bladder			
OBSERVATIONS			
Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Blood		Lymphoma Malignant Lymphocytic	
Bone Marrow	Femoral	Lymphoma Malignant Lymphocytic	
Note: MARROW IN SKULL ALSO SHOWS LYMPHOMA BUT CAN'T CODE.			
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Lymphocytic	
Note: HEPATOCLR ADEN TGLs = 2-1			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Mammary Gland		Lymphoma Malignant Lymphocytic	
Mesentery		Lymphoma Malignant Lymphocytic	
Ovary		Lymphoma Malignant Lymphocytic	
Pancreas		Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-1]			
Stomach	Glandular	Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:32

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 911	TRT#: 15	SEX: Female	DAY ON TEST: 728
	DOSE: 600 PPM 10-10	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
Trachea		Lymphoma Malignant Lymphocytic	
Uterus		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND DUE TO LYMPHOMA AND HEPATOCELLULAR NEOPLASM.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 912	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
MISSING			
Gallbladder	Thymus		
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	Multiple
		Infarct	Multifocal, Mild
Note: HEPATOCLR ADEN TGLs = 1-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Nose	Mucosa	Inflammation	Suppurative, Moderate
Ovary		Angiectasis	Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 913	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 640 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	
MISSING			
Intestine Small - Ileum	Thymus		
OBSERVATIONS			
Brain		Lymphoma Malignant Undifferentiated Cell Type	
Gallbladder		Lymphoma Malignant Undifferentiated Cell Type	
Intestine Large	Rectum	Lymphoma Malignant Undifferentiated Cell Type	
Intestine Small	Duodenum	Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Undifferentiated Cell Type	
Note: HEPATOCLR ADEN TGLs = 4-1			
Lung		Lymphoma Malignant Undifferentiated Cell Type	
Note: CONSIDERED TO BE ARTIFACT, MOST LIKELY.			
Note: ONE GROUP OF 3-4 "HEPATOCYTES" IN VEIN IN LUNG WAS			
Lymph Node	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type	
Note: MANDIBULAR LN MISSING.			
Mesentery		Lymphoma Malignant Undifferentiated Cell Type	
Ovary		Lymphoma Malignant Undifferentiated Cell Type	
Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 2-4+7			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 1-7]			
Stomach	Glandular	Lymphoma Malignant Undifferentiated Cell Type	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:32

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 913	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 640 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Tooth Urinary Bladder Uterus Note: DILATATION TGLs = 3-6	Peridont Tiss	Lymphoma Malignant Undifferentiated Cell Type Lymphoma Malignant Undifferentiated Cell Type Dilatation	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 914	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma	Mild
[Cytomegaly TGLS = 1-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Thyroid Gland		Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 915

TRT#: 15

SEX: Female

DAY ON TEST: 585

DOSE: 600 PPM 10-10

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Liver
[Hepatocellular Adenoma TGLS = 2-1]
Lymph Node
Note: MANDIBULAR LN NORMAL.
Ovary
Note: TERATOMA TGLs = 1-7

Hepatocellular Adenoma

Teratoma

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND DUE TO OVARIAN TERATOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 916	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Mixed	
Note: MARROW IN SKULL ALSO SHOWED LYMPHOMA, BUT CAN'T CODE.			
Liver	Centrilobular	Cytomegaly	Minimal
[Cytomegaly TGLS = 1-1]			
Lymph Node	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-7			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Lymphoma Malignant Mixed	
Thymus		Lymphoma Malignant Mixed	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 917	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Carcinoma	Mild
Note: [HEPATOCLR CARC] TGLs = 1,2-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 918	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Liver	Centrilobular	Cytomegaly	Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
Uterus		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 919	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 920	TRT#: 15	SEX: Female	DAY ON TEST: 743
	DOSE: 600 PPM 10-10	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Mammary Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	
[Cytomegaly TGLS = 2-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 1-6			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 921	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Kidney		Metaplasia	Osseous, Minimal
Liver		Basophilic Focus	Moderate
	Centrilobular	Cytomegaly	Mild
Note: [BASOPH FOCUS] TGLs = 2-1			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Ovary		Cyst	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Stomach	Forestomach	Inflammation	Chronic Active, Moderate
Note: INFLAMMATION TGLs = 1-4			
Note: FIBROPLASIA BELOW.			
Note: BY STR SQ EPITHEL W/PMNS IN LUMEN & MUCOSA, MONOS &			
Note: ADHESION ATTACHED LIVER,DIAPHRAGM,& STOMACH. IT WAS LINED			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 922	TRT#: 15	SEX: Female	DAY ON TEST: 685
	DOSE: 600 PPM 10-10	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
MISSING			
Mammary Gland			
OBSERVATIONS			
Liver	Centrilobular	Clear Cell Focus	
		Cytomegaly	Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 3-2+7			
Lung		Osteosarcoma	Metastatic (Uncertain Primary Site)
Note: OSTEOSARC TGLs = 1,2-2			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO NEOPLASIA IN LIVER & LUNGS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 923	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Natural Death	DAY ON TEST: 717 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Gallbladder	Mammary Gland		
AUTO PRECLUDES DIAG.			
Intestine Small - Ileum	Intestine Small - Jejunum		
INSUFFICIENT TISSUE			
Pituitary Gland			
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-7			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD: HEPATOCELLULAR ADENOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 924	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 925	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
	Centrilobular	Cytomegaly	Minimal
		Mixed Cell Focus	
[Cytomegaly TGLS = 1-1]			
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Tooth	Incisor, Upper	Dysplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 926	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Kidney		Lymphoma Malignant Mixed	
Liver	Centrilobular	Cytomegaly	Mild
		Eosinophilic Focus	Moderate
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-7			
Note: [EOSIN FOCUS] TGLs = 3-1			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
Ovary		Cyst	
Pancreas		Lymphoma Malignant Mixed	
Salivary Glands		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 927	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Moderate
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Mild
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-1			
Stomach	Forestomach	Diverticulum	Mild
Note: DIVERTICULUM TGLs = 2-7			
Thyroid Gland	Follicular Cel	Adenoma	
Tooth	Incisor, Upper	Dysplasia	Minimal
Uterus		Lymphoma Malignant Histiocytic	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 928	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 929	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Urinary Bladder	Uterus
MISSING			
Esophagus	Mammary Gland	Parathyroid Gland	Thyroid Gland
Trachea			
OBSERVATIONS			
Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
Brain			
Note: NO CEREBELLUM; PERFUSED FOR EM.			
Intestine Small	Jejunum	Edema	Moderate
	Jejunum	Inflammation	Necrotizing, Acute, Marked
	Jejunum	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2,3-7			
Liver		Hematopoietic Cell Proliferation	Mild
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-7			
Note: MANDIBULAR LN NORMAL.			
Mesentery		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-1			
PRIMARY CAUSE OF DEATH -			
Animal Note: MOUSE WAS TERMINAL SAC PERFUSED FOR BRAIN EM.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 930	TRT#: 15 DOSE: 600 PPM 10-10	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver	Centrilobular	Cytomegaly	Mild
[Cytomegaly TGLS = 1-1]			
Lymph Node		Hepatocellular Adenoma	
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Minimal
Uterus		Dilatation	Mild
		Inflammation	Suppurative, Moderate
		Polyp Stromal	
Note: DILATATION TGLS = 2-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:32

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 941	TRT#: 14	SEX: Female	DAY ON TEST: 734
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 942	TRT#: 14	SEX: Female	DAY ON TEST: 734
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Minimal
Ovary		Cyst	
Note: CYST	TGLs = 2-2		
Spleen			
Note: ENLARGED MOTTLED SPLEEN NORMAL ON MICRO.			
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 4-4		
Uterus	Endometrium	Fibrosis	Moderate
		Hyperplasia	Cystic, Mild
Note: FIBROSIS	TGLs = 1-2		
Note: HYPERPLASIA	TGLs = 1-2		
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 943	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Natural Death	DAY ON TEST: 392 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Brain	Esophagus	Kidney
Mammary Gland	Nose	Parathyroid Gland	Skin
Trachea			
AUTO PRECLUDES DIAG.			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Urinary Bladder	Uterus
OBSERVATIONS			
Heart		Bacterium	
	Valve	Inflammation	Suppurative, Marked
Lung		Bacterium	
		Inflammation	Acute, Moderate
Lymph Node			
Note: MANDIBULAR LN AUTOLYZED.			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: BACTERIA & INFLAMMATION IN HEART & LUNGS.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 944	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Moderate
Ovary		Fatty Change	Mild
[Cyst TGLS = 1-2]		Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 945	TRT#: 14	SEX: Female	DAY ON TEST: 734
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Stomach - Glandular			
OBSERVATIONS			
Liver		Hepatocellular Adenoma	Multiple
Note: SAME 2 TUMORS IN SLIDES 1 AND 2.			
[Hepatocellular Adenoma TGLS = 1-1+2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
Note: [HYPERPLASIA] TGLs = 4,5,6-5+6			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 946	TRT#: 14	SEX: Female	DAY ON TEST: 735
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Stomach - Glandular			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Fatty Change	Mild
Ovary		Cyst	
[Cyst TGLS = 1-2]			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
Note: [HYPERPLASIA] TGLs = 3-3			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 947	TRT#: 14	SEX: Female	DAY ON TEST: 735
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Fatty Change	Mild
		Hepatocellular Adenoma	
[Cytomegaly TGLS = 1-2]			
Spleen			
Note: ENLARGED MOTTLED SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 948	TRT#: 14	SEX: Female	DAY ON TEST: 735
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Stomach - Glandular			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Minimal
Ovary		Cyst	
		Cystadenoma	
[Cyst TGLS = 1-2]			
[Cystadenoma TGLS = 2-3]			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
Note: [HYPERPLASIA] TGLs = 3-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 949	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 688 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow	Femoral	Myelofibrosis	Mild
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-7]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-8]			
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLS = 4-6			
Zymbal's Gland		Dilatation	Moderate
[Dilatation TGLS = 3-9]			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO SKIN NEOPLASM & LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 950		TRT#: 14		SEX: Female		DAY ON TEST: 660	
		DOSE: 200 PPM 0-3		DISP: Moribund Sacrifice		HISTO:	
ORGAN AND ACCOUNTABLE SITE STATUS							
NORMAL							
Adrenal Gland - Cortex		Adrenal Gland - Medulla		Bone		Bone Marrow	
Brain		Esophagus		Gallbladder		Heart	
Intestine Large - Cecum		Intestine Large - Colon		Intestine Large - Rectum		Intestine Small - Duodenum	
Intestine Small - Ileum		Intestine Small - Jejunum		Islets, Pancreatic		Kidney	
Liver		Ovary		Pancreas		Parathyroid Gland	
Pituitary Gland		Salivary Glands		Skin		Spleen	
Stomach - Forestomach		Stomach - Glandular		Thymus		Thyroid Gland	
Trachea		Urinary Bladder		Uterus			
OBSERVATIONS							
Eye				Adenocarcinoma		Metastatic (Harderian Gland)	
				Degeneration		Marked	
Harderian Gland				Adenocarcinoma			
Note: ADENOCARC TGLs = 1-5+7							
Lung				Adenocarcinoma		Metastatic (Harderian Gland)	
[Adenocarcinoma TGLS = 3-2]							
Lymph Node		Mandibular		Adenocarcinoma		Metastatic (Harderian Gland)	
Note: ADENOCARC TGLs = 2-6							
Nose				Adenocarcinoma		Metastatic (Harderian Gland)	
Tooth		Incisor, Upper		Dysplasia		Minimal	
PRIMARY CAUSE OF DEATH		-					
Animal Note: MORIBUND DUE TO HARDERIAN ADENOCARCINOMA.							

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 951	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma	Minimal Multiple
[Hepatocellular Adenoma TGLS = 2-3]			
Ovary		Cyst	
Note: CYST	TGLs = 1-2		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 952	TRT#: 14	SEX: Female	DAY ON TEST: 736
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Stomach - Forestomach			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 2,4-3+4]			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5]			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-6]			
Stomach			
Note: THAT IS CONSIDERED WITHIN NORMAL LIMITS FOR STOMACH.			
Note: NODULE WAS COLLECTION OF LYMPHOCYTES IN SEROSA.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:32

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 953	TRT#: 14	SEX: Female	DAY ON TEST: 736
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Eosinophilic Focus	Mild
Spleen			
Note: ENLARGED SPLEEN NORMAL ON MICRO.			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 954	TRT#: 14	SEX: Female	DAY ON TEST: 736
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5]			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2,4-2+4]			
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 955	TRT#: 14	SEX: Female	DAY ON TEST: 463
	DOSE: 200 PPM 0-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Pituitary Gland
Thymus			
OBSERVATIONS			
Kidney			
Note: SMALL KIDNEYS NORMAL ON MICRO.			
Liver		Infarct	Multifocal, Moderate
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Uterus		Sarcoma Stromal	
Note: SARC STROMAL TGLs = 1-7			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: STROMAL SARCOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 956	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
OBSERVATIONS			
Harderian Gland [Adenoma TGLS = 1-2]		Adenoma	
Liver	Centrilobular	Cytomegaly Fatty Change	Mild Minimal
Stomach [Hyperplasia TGLS = 2-3]	Epithelium, Forestomach	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 957	TRT#: 14	SEX: Female	DAY ON TEST: 737
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-4]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 958	TRT#: 14	SEX: Female	DAY ON TEST: 737
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
		Infarct	Multifocal, Minimal
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,4-2+3+5]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-4]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 5-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 959	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 634 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Kidney		Osteosarcoma	Metastatic (Uncertain Primary Site)
[Osteosarcoma TGLS = 3-1]			
Liver		Fatty Change	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Osteosarcoma	Metastatic (Uncertain Primary Site)
[Alveolar/Bronchiolar Adenoma TGLS = 1-2]			
[Osteosarcoma TGLS = 1-2]			
Lymph Node	Mediastinal	Osteosarcoma	Metastatic (Uncertain Primary Site)
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 2-6			
Uterus			
Note: UTERUS WITHIN NORMAL LIMITS ON MICRO.			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO WIDESPREAD OSTEOSARCOMA.			
Animal Note: BLOCK 7 IS BONE THAT LOOKED SUSPICIOUS AT TRIM;NSL.			
Animal Note: CARCASS CHECKED FOR BONEY MASSES; NONE FOUND.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 960	TRT#: 14	SEX: Female	DAY ON TEST: 737
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 961	TRT#: 14	SEX: Female	DAY ON TEST: 737
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Fatty Change	Mild
		Hepatocellular Adenoma	
[Fatty Change TGLS = 4-2]			
Ovary		Cyst	
[Cyst TGLS = 1,2-3]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 962	TRT#: 14	SEX: Female	DAY ON TEST: 737
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Eye		Degeneration	Moderate
[Degeneration TGLS = 1-2]			
Harderian Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 2-2]			
Ovary		Cyst	
[Cyst TGLS = 3-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 963	TRT#: 14	SEX: Female	DAY ON TEST: 738
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
MISSING			
Pituitary Gland			
OBSERVATIONS			
Liver		Basophilic Focus	
		Eosinophilic Focus	
Ovary		Cyst	
[Cyst TGLS = 3-2]			
Pituitary Gl			
Note: PITUITARY COULD NOT BE FOUND AT TRIM.			
Spleen			
Note: ENLARGED SPLEEN NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 964	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
OBSERVATIONS			
Liver		Fatty Change	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-1			
Uterus	Endometrium	Hyperplasia Thrombosis	Cystic, Minimal
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 965	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
OBSERVATIONS			
Liver		Fatty Change	Minimal
Ovary		Lymphoma Malignant Mixed	
[Cyst TGLS = 2-2]		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
[Lymphoma Malignant Mixed TGLS = 3-1]		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 966	TRT#: 14	SEX: Female	DAY ON TEST: 738
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Heart	Atrium	Thrombosis	
[Thrombosis TGLS = 1-3]			
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-4]			
Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
Note: ALV BRON ADEN TGLs = 3-5			
Ovary		Cyst	
[Cyst TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 967	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 563 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Note: MANDIBULAR LN NORMAL.			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-6			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO PULMONARY NEOPLASIA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 968	TRT#: 14	SEX: Female	DAY ON TEST: 741
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Fatty Change	Minimal
Ovary		Cyst	
[Cyst TGLS = 1-2]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 969	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Uterus	Endometrium	Fatty Change	Mild
[Hyperplasia TGLS = 1-2]		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 970	TRT#: 14	SEX: Female	DAY ON TEST: 741
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Large - Cecum			
OBSERVATIONS			
Intest Large			
Note: LESIONS SEEN AT TRIM WERE NORMAL PEYERS PATCHES.			
Liver	Centrilobular	Cytomegaly	Mild
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 971	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Ovary		Fatty Change	Minimal
[Cyst TGLS = 1-2]		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 972	TRT#: 14	SEX: Female	DAY ON TEST: 742
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Intestine Large	Cecum	Fibrosis	Mild
Note: FIBROSIS TGLs = 6-7			
Liver	Centrilobular	Clear Cell Focus	Moderate
		Cytomegaly	Mild
		Fatty Change	Minimal
		Hepatocellular Adenoma	
[Fatty Change TGLS = 4,5-5+6]			
Lymph Node	Mesenteric	Angiectasis	Moderate
	Mandibular	Edema	Moderate
Note: EDEMA TGLs = 1-2			
Note: ANGIECTASIS TGLs = 3-4			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 973	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Ovary		Fatty Change	Minimal
[Angiectasis TGLS = 1-4]		Angiectasis	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 3-2]			
[Hyperplasia TGLS = 3-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 974	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Uterus	Endometrium	Fatty Change	Minimal
[Hyperplasia TGLS = 1-2]		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 975	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Natural Death	DAY ON TEST: 678 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Mixed	
Intestine Large	Cecum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-8			
Kidney		Nephropathy	Chronic, Minimal
Liver		Infarct	Multifocal, Mild
		Lymphoma Malignant Mixed	
Note: INFARCT TGLs = 6-1			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3,4,5,7,8,10-2+6+7+8+9+10+11			
Mesentery		Lymphoma Malignant Mixed	
Ovary		Cyst	
		Lymphoma Malignant Mixed	
Note: CYST TGLs = 9-6			
Pancreas	Acinus	Atrophy	Moderate
Note: NODULES WERE ACTUALLY LYMPH NODES, NOT IN PANCREAS.			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-1			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 975	TRT#: 14	SEX: Female	DAY ON TEST: 678
	DOSE: 200 PPM 0-3	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
Animal Note: COD: LYMPHOMA.	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 976	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 728 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Adrenal Gland	Cortex Medulla	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Gallbladder			
Kidney			
[Lymphoma Malignant Mixed TGLS = 2-1]			
Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-1+12]			
Lung		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLS = 11-2			
Lymph Node	Deep Cervical Inguinal Mandibular Mediastinal Mesenteric Renal	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLS = 3,4,5,6,7,10-2+6+7+8+9+10+11			
Mesentery		Lymphoma Malignant Mixed	
Ovary		Cyst Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLS = 1-6			
Note: CYST TGLS = 1-6			
Pancreas		Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 976	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 728 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Spleen Note: LYMPH MAL MIXD TGLs = 8-7		Lymphoma Malignant Mixed	
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 977	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Natural Death	DAY ON TEST: 715 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Parathyroid Gland	Pituitary Gland		
OBSERVATIONS			
Intestine Small	Duodenum	Inflammation	Necrotizing, Acute, Mild
	Ileum	Inflammation	Necrotizing, Acute, Mild
Liver		Hepatocellular Adenoma	
Ovary		Cyst	
Note: CYST TGLs = 1-6			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 2-6			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:32

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 978	TRT#: 14	SEX: Female	DAY ON TEST: 742
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver	Spleen		
OBSERVATIONS			
Spleen			
Note: ENLARGED SPLEEN NORMAL ON MICRO EXAM.			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 979	TRT#: 14	SEX: Female	DAY ON TEST: 743
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Eye		Degeneration	Moderate
[Degeneration TGLS = 1-2]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-2]			
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 3-3			
Ovary		Cyst	
Note: CYST TGLs = 5-5			
Spleen		Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 4-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 980	TRT#: 14	SEX: Female	DAY ON TEST: 743
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Lymph Node			
OBSERVATIONS			
Eye			
Note: LEFT EYE WAS NON-EXISTENT, RATHER THAN SMALL.			
Liver		Eosinophilic Focus	Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL ON MICRO.			
Uterus		Endometrium	Cystic, Moderate
Note: HYPERPLASIA TGLs = 3-3		Hyperplasia	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 981	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Fatty Change	Mild Mild
[Fatty Change TGLS = 2-3]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 982	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Fatty Change Cyst	Mild Minimal
Ovary			
Note: CYST	TGLs = 1-2		
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-3		
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 983	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 572 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
MISSING			
Pituitary Gland			
OBSERVATIONS			
Liver	Bile Duct	Hyperplasia Lymphoma Malignant Mixed	Moderate
Note: LYMPH MAL MIXD TGLs = 4-1			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5,6-8+9			
Ovary		Fibrosis	Marked
Pancreas	Acinus	Atrophy	Moderate
	Duct	Hyperplasia	Marked
		Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 1-7			
Note: HYPERPLASIA TGLs = 1-7			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2,3-7			
Stomach	Glandular	Lymphoma Malignant Mixed	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 983	TRT#: 14	SEX: Female	DAY ON TEST: 572
	DOSE: 200 PPM 0-3	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND DUE TO PANCREATIC LESIONS & LYMPHOMA.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 984	TRT#: 14	SEX: Female	DAY ON TEST: 744
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Lymph Node - Bronchial	Lymph Node - Mesenteric		
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Fatty Change	Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
Note: [HYPERPLASIA] TGLs = 1-2			
Spleen		Hyperplasia	Lymphoid, Moderate
Note: [HYPERPLASIA] TGLs = 2-3			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 3-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 985		TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS				
Liver		Centrilobular	Cytomegaly Fatty Change Cyst	Mild Minimal
Ovary				
Note: CYST TGLs = 2-2				
Uterus		Endometrium	Hyperplasia Sarcoma Stromal	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-2				
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 986	TRT#: 14	SEX: Female	DAY ON TEST: 744
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Fatty Change	Mild
		Hepatocellular Adenoma	
Note: CYTOMEGALY TGLs = 4-1+4+5			
Note: RED FOCUS WAS DILATED BLOOD VESSEL FILLED W/RBCS.			
[Fatty Change TGLS = 6-4]			
Ovary		Cyst	
[Cyst TGLS = 2-3]			
Skin		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 1-2			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 987	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 687 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Intestine Small [Inflammation TGLS = 2-4]	Duodenum	Inflammation	Necrotizing, Acute, Mild
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen Note: HEMA CELL PROL TGLs = 1-7		Hematopoietic Cell Proliferation	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO INTESTINAL INFLAMMATION.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 988	TRT#: 14 DOSE: 200 PPM 0-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Degeneration Hepatocellular Adenoma	Mild Cystic, Minimal
Note: CYTOMEGALY TGLs = 2-1			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-4			
Ovary		Thrombosis	
Note: THROMBUS TGLs = 3-3			
Note: ONE OVARY RED DUE TO BLOOD IN VESSELS(NORMAL).			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-2			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 4-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 989	TRT#: 14	SEX: Female	DAY ON TEST: 744
	DOSE: 200 PPM 0-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,4-1+5+6]			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-2]			
Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 5-3]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 6-4]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 990	TRT#: 14	SEX: Female	DAY ON TEST: 673
	DOSE: 200 PPM 0-3	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	
MISSING			
Intestine Large - Cecum			
OBSERVATIONS			
Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
[Hematopoietic Cell Proliferation TGLS = 4,5-10+11]			
Lymph Node			
Note: MANDIBULAR LN NORMAL			
Ovary		Cyst	
		Inflammation	Chronic Active, Marked
Note: CYST TGLs = 2-9			
Note: INFLAMMATION TGLs = 3-8			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 1-7			
Urinary Bladder	Artery	Inflammation	Chronic Active, Moderate
Uterus		Inflammation	Suppurative, Moderate
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO OVARIAN INFLAMMATION.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1001	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
OBSERVATIONS			
Liver	Hepatocellular Adenoma		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1002	TRT#: 13	SEX: Female	DAY ON TEST: 734
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-3]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1003	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 673 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Lung		Inflammation	Chronic Active, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
		Thrombosis	
Note: CYST TGLs = 1-7			
Spleen		Hematopoietic Cell Proliferation	Minimal
Note: HEMA CELL PROL TGLs = 3-8			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 2-6			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO OVARIAN LESIONS.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1004	TRT#: 13	SEX: Female	DAY ON TEST: 734
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Ovary		Fatty Change	Minimal
[Cyst TGLS = 1-2]		Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1005	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Natural Death	DAY ON TEST: 651 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Urinary Bladder	
AUTO PRECLUDES DIAG.			
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Stomach - Forestomach	Stomach - Glandular	Thymus
OBSERVATIONS			
Liver	Lymphoma Malignant Histiocytic		
[Lymphoma Malignant Histiocytic TGLS = 1-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary	Lymphoma Malignant Histiocytic		
Spleen	Lymphoma Malignant Histiocytic		
Note: LYMPH MAL HIST TGLs = 3-7			
Uterus	Lymphoma Malignant Histiocytic		
Note: LYMPH MAL HIST TGLs = 2-6			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1006	TRT#: 13	SEX: Female	DAY ON TEST: 734
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-2]			
Liver	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1007	TRT#: 13	SEX: Female	DAY ON TEST: 735
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-4			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3,4-2+3]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1008	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Ovary		Fatty Change	Moderate
[Cyst TGLS = 1-2]		Cyst	
Spleen		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1009	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Natural Death	DAY ON TEST: 623 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
OBSERVATIONS			
Harderian Gland		Adenoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 1-7			
Uterus		Dilatation	Mild
Note: DILATATION TGLs = 2-6			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD:PROBABLY RELATED TO FIBROSARCOMA IN SKIN.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1010	TRT#: 13	SEX: Female	DAY ON TEST: 735
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Intest Small			
Note: GROSS OBS NOT APPARENT AT TRIM.			
Liver	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 2,3-3+4]			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1011	TRT#: 13	SEX: Female	DAY ON TEST: 183
	DOSE: 200 PPM 3-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
MISSING			
Intestine Large - Rectum	Intestine Small - Duodenum	Mammary Gland	
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum			
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Mixed	
	Vertebral	Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-1]			
Lung		Lymphoma Malignant Mixed	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-1]			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD: LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1012	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
OBSERVATIONS Liver	Centrilobular	Cytomegaly Fatty Change Hepatocellular Adenoma	Mild Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1013	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Fatty Change Hepatocellular Adenoma	Minimal Mild
Note: HEPATOCLR ADEN TGLs = 2-3			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 1-2			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1014	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Ovary		Fatty Change	Mild
[Cyst TGLS = 1-2]		Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-2]		Polyp Stromal	
[Polyp Stromal TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1015	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1016	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Natural Death	DAY ON TEST: 641 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Harderian Gland		Adenoma	
Kidney		Nephropathy	Chronic, Moderate
Lymph Node	Mediastinal	Inflammation	Suppurative, Moderate
Note: MANDIBULAR LN NORMAL.			
Ovary		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 3,4-6+7			
Pancreas	Acinus	Atrophy	Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-1]			
Uterus		Inflammation	Suppurative, Moderate
PRIMARY CAUSE OF DEATH -			
Animal Note: COD & PELVIC FLUID: OVARIAN INFLAMMATION.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1017	TRT#: 13	SEX: Female	DAY ON TEST: 736
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-2]			
Liver	Centrilobular	Cytomegaly	Minimal
		Eosinophilic Focus	Minimal
		Fatty Change	Mild
		Hepatocellular Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1018	TRT#: 13	SEX: Female	DAY ON TEST: 685
	DOSE: 200 PPM 3-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Mammary Gland			
OBSERVATIONS			
Liver			
Note: WHITE FOCUS WAS ACTUALLY INFLAMED MESENTERY.			
Lung		Inflammation	Chronic Active, Mild
Lymph Node	Mediastinal	Inflammation	Suppurative, Moderate
Note: MANDIBULAR LN NORMAL.			
Mesentery		Inflammation	Suppurative, Marked
[Inflammation TGLS = 4-1]			
Ovary		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 2-8+9			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 1-7			
Uterus		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 3-6			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: OVARIAN & UTERINE INFLAMMATION.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1019	TRT#: 13	SEX: Female	DAY ON TEST: 728
	DOSE: 200 PPM 3-3	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Intest Small			
Note: MASS WAS ACTUALLY MESENTERIC LN.			
Intestine Large	Cecum	Parasite Metazoan	
Note: MASS WAS ACTUALLY MESENTERIC LN.			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 7-9			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2,3,4-2+7			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 6-6			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-8			
PRIMARY CAUSE OF DEATH -			
Animal Note: THORACIC FLUID DUE TO LYMPHOMA, AS WAS MORIBUNDITY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1020		TRT#: 13	SEX: Female	DAY ON TEST: 700
		DOSE: 200 PPM 3-3	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex		Adrenal Gland - Medulla	Bone	Brain
Esophagus		Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon		Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic		Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland		Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular		Thyroid Gland	Trachea	Uterus
OBSERVATIONS				
Bone Marrow		Femoral	Lymphoma Malignant Histiocytic	
Intestine Small		Ileum	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 6-8				
Kidney			Lymphoma Malignant Histiocytic	
Liver			Infarct	Multifocal, Mild
			Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 4-1				
Lung			Lymphoma Malignant Histiocytic	
Lymph Node		Inguinal	Lymphoma Malignant Histiocytic	
		Mandibular	Lymphoma Malignant Histiocytic	
		Mesenteric	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 6-8				
Ovary			Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 5-6				
Pancreas			Lymphoma Malignant Histiocytic	
Pituitary Gland				
Note: RED FOCUS NOT IDENTIFIABLE ON MICRO.				
Spleen			Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 2,3-7				
Thymus			Lymphoma Malignant Histiocytic	
Urinary Bladder		Artery	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH		-		
Animal Note: MORIBUND DUE TO LYMPHOMA.				

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1020	TRT#: 13	SEX: Female	DAY ON TEST: 700
	DOSE: 200 PPM 3-3	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1021	TRT#: 13	SEX: Female	DAY ON TEST: 737
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Basophilic Focus	
		Cytomegaly	Mild
		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1022	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS			
Liver		Fatty Change Hepatocellular Adenoma	Minimal
Note: BLACK FOCUS NOT SEEN AT TRIM OR ON MICRO. [Fatty Change TGLS = 5-4]			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-2]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-3]			
Uterus		Dilatation	Moderate
[Dilatation TGLS = 1-5]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1023	TRT#: 13	SEX: Female	DAY ON TEST: 737
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1024	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS Liver	Centrilobular	Cytomegaly Fatty Change	Minimal Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1025	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Fatty Change Hepatocellular Adenoma Inflammation	Mild Minimal Chronic, Mild
[Cytomegaly TGLS = 1-3] [Fatty Change TGLS = 3-3]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1026	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Fatty Change Hepatocellular Adenoma	Mild Mild
[Cytomegaly TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1027	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma	Minimal Multiple
[Hepatocellular Adenoma TGLS = 1,2-2+3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1028	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Fatty Change	Minimal Mild
Uterus	Hepatocyte Endometrium	Necrosis Hyperplasia	Minimal Cystic, Minimal
[Hyperplasia TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1029	TRT#: 13	SEX: Female	DAY ON TEST: 617
	DOSE: 200 PPM 3-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
MISSING			
Mammary Gland			
OBSERVATIONS			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-6			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1030	TRT#: 13	SEX: Female	DAY ON TEST: 741
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1031	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Eosinophilic Focus Fatty Change	Mild Mild Mild
Uterus [Hyperplasia TGLS = 1-2]	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1032	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 572 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
Bone Marrow	Femoral	Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-1]			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
Note: MANDIBULAR LN NORMAL.			
Mesentery		Lymphoma Malignant Mixed	
Ovary		Cyst	
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLS = 1-7			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLS = 3-6			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1033	TRT#: 13	SEX: Female	DAY ON TEST: 741
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Intestine Large	Colon	Leiomyosarcoma	
[Leiomyosarcoma TGLS = 2-2]			
Liver	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Minimal
Lymph Node			
Note: ENLARGED MESENTERIC LN ACTUALLY TUMOR ON COLON.			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1034	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Fatty Change Hepatocellular Adenoma	Minimal Minimal
[Cytomegaly TGLS = 4-2]			
Ovary		Cyst	
[Cyst TGLS = 2-3]			
Stomach	Forestomach	Cyst	
Note: CYST TGLs = 3-4			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1035		TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS				
Liver			Fatty Change Hepatocellular Carcinoma	Minimal
[Hepatocellular Carcinoma TGLS = 1-2]				
Uterus	Endometrium		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-3]				
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1036	TRT#: 13	SEX: Female	DAY ON TEST: 742
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Minimal
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-2]		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1037	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Fatty Change Hepatocellular Adenoma	Mild Minimal
[Cytomegaly TGLS = 2-3]			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:32

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1038	TRT#: 13	SEX: Female	DAY ON TEST: 742
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Spleen			
[Lymphoma Malignant Mixed TGLS = 1,2-2]			
Lymphoma Malignant Mixed			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1039	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS			
Kidney [Lymphoma Malignant Mixed TGLS = 1-1]		Lymphoma Malignant Mixed	
Liver		Basophilic Focus Fatty Change Hepatocellular Adenoma	Mild Minimal
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1040	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Fatty Change Infarct	Minimal Minimal Multifocal, Mild
Note: INFARCT TGLs = 6-1			
Lung		Alveolar/Bronchiolar Carcinoma Hyperplasia	Lymphoid, Mild
Note: ALV BRON CARC TGLs = 5-2			
Ovary		Cyst	
[Cyst TGLS = 2-5]			
Pancreas	Acinus Duct	Atrophy Dilatation	Marked Marked
[Atrophy TGLS = 4-4]			
Spleen		Hyperplasia	Lymphoid, Mild
Note: [HYPERPLASIA] TGLs = 3-3			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-5]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1041	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 733 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Uterus			
MISSING			
Urinary Bladder			
OBSERVATIONS			
Adrenal Gland	Cortex, Corticomed Jct	Degeneration	Fatty, Mild
Intestine Small	Duodenum	Inflammation	Necrotizing, Acute, Moderate
Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
[Fatty Change TGLS = 2,3,4-7+8+9]			
Lung			
Note: 2MM NODULE NOT IDENTIFIABLE ON MICRO.			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-6			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Urin Bladder			
Note: BLADDER NOT FOUND AT TRIM.			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO LIVER & PITUITARY LESIONS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1042	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 658 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Moderate
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-8			
Kidney		Lymphoma Malignant Mixed	
Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
[Hepatocellular Adenoma TGLS = 2,3-10+11]			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: MANDIBULAR LN NORMAL.			
Note: LYMPH MAL MIXD TGLs = 5-4+7			
Mesentery		Lymphoma Malignant Mixed	
Pancreas		Lymphoma Malignant Mixed	
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 1-9			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Lymphoma Malignant Mixed	
Note: HYPERPLASIA TGLs = 4-6			
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1043	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Fatty Change Hepatocellular Adenoma	Minimal Minimal
Note: HEPATOCLR ADEN TGLs = 3-4			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1-2			
Ovary		Cystadenoma Lymphoma Malignant Lymphocytic	
[Cystadenoma TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1044	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma Cyst	Minimal
Ovary [Cyst TGLS = 1-2]			
Uterus [Hyperplasia TGLS = 2-2]	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1045	TRT#: 13	SEX: Female	DAY ON TEST: 744
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Brain		Adenocarcinoma	Metastatic (Harderian Gland)
[Adenocarcinoma TGLS = 3-3]			
Eye		Degeneration	Marked
[Degeneration TGLS = 1-2]			
Harderian Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 2-2]			
Liver		Eosinophilic Focus	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1046	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Intestine Small [Adenocarcinoma TGLS = 2-3]	Jejunum	Adenocarcinoma	
Liver		Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	Moderate
Note: HEPATOCLR ADEN TGLs = 3,5-5+6 [Hepatocellular Carcinoma TGLS = 4-7]			
Ovary [Cyst TGLS = 1-2]		Cyst	
Spleen [Hematopoietic Cell Proliferation TGLS = 6-4]		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1047	TRT#: 13	SEX: Female	DAY ON TEST: 744
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 1-3]			
Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1048	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Fatty Change Hepatocellular Adenoma Cyst	Minimal Mild
Ovary [Cyst TGLS = 2-2]			
Uterus [Hyperplasia TGLS = 1-2]	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1049	TRT#: 13	SEX: Female	DAY ON TEST: 744
	DOSE: 200 PPM 3-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1,2-2+3			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Mild
[Inflammation TGLS = 3-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1050	TRT#: 13 DOSE: 200 PPM 3-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Fatty Change Hepatocellular Adenoma	Minimal Minimal
Uterus [Hyperplasia TGLS = 1-2]	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1061	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Ovary		Fatty Change	Mild
[Cyst TGLS = 1-2]		Cyst	
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1062	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Ovary		Fatty Change	Minimal
[Cyst TGLS = 1-2]		Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1063	TRT#: 12	SEX: Female	DAY ON TEST: 734
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Fatty Change	Minimal
		Hepatocellular Adenoma	
[Cytomegaly TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1064	TRT#: 12	SEX: Female	DAY ON TEST: 734
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-5]			
Liver	Centrilobular	Cytomegaly	Mild
		Fatty Change	Mild
Note: FATTY CHANGE	TGLs = 3-2		
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-3]			
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-5]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1065	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
OBSERVATIONS			
Liver		Fatty Change	Minimal
Ovary		Cyst	
[Cyst TGLS = 1-2]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1066	TRT#: 12	SEX: Female	DAY ON TEST: 723
	DOSE: 200 PPM 10-3	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-8			
Lung		Inflammation	Chronic Active, Minimal
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-7			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO HEPATOCELLULAR CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1067	TRT#: 12	SEX: Female	DAY ON TEST: 409
	DOSE: 200 PPM 10-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
MISSING			
Mammary Gland			
AUTO PRECLUDES DIAG.			
Gallbladder			
OBSERVATIONS			
Heart		Bacterium	
	Artery	Inflammation	Chronic Active, Moderate
Kidney	Renal Tubule	Necrosis	Moderate
Liver		Basophilic Focus	
Lung			
Note: RED LUNG NORMAL ON MICRO.			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD: BACTERIA & INFLAMMATION IN HEART.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1068	TRT#: 12	SEX: Female	DAY ON TEST: 735
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Parathyroid Gland			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Minimal
Thyroid Gland	C Cell	Carcinoma	
Note: [CARCINOMA] TGLs = 1-1			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1069	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Fatty Change Hepatocellular Adenoma	Minimal Minimal
Note: HEPATOCLR ADEN TGLs = 3-3			
Ovary		Cyst	
Note: CYST TGLs = 2-2			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1070	TRT#: 12	SEX: Female	DAY ON TEST: 735
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Harderian Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 2-2]			
Liver		Eosinophilic Focus	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1071	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
OBSERVATIONS Liver	Centrilobular	Cytomegaly Fatty Change	Mild Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1072	TRT#: 12	SEX: Female	DAY ON TEST: 736
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Fatty Change	Mild
Spleen			
Note: MOTTLED SPLEEN WAS NORMAL ON MICRO.			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1073	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly Hepatocellular Adenoma	Mild Multiple
[Cytomegaly TGLS = 2,3,5-1+2+3+4]			
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-5			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1074	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Natural Death	DAY ON TEST: 559 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Brain	Meninges	Infiltration Cellular	Lymphocyte, Mild
Harderian Gland		Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic Active, Moderate
Kidney		Nephropathy	Chronic, Moderate
Liver			
Note: PALE SPOT ON LIVER NOT APPARENT AT TRIM OR MICRO.			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: PROBABLY RELATED TO RENAL LESION.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1075	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Natural Death	DAY ON TEST: 654 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Bone Marrow	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node	Mammary Gland	Nose	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Parathyroid Gland	Thymus		
OBSERVATIONS			
Adrenal Gland	Cortex Medulla	Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Lymphoma Malignant Histiocytic Infarct Lymphoma Malignant Histiocytic	Multifocal, Moderate
Note: LYMPH MAL HIST TGLs = 4-2			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst Lymphoma Malignant Histiocytic	
Note: CYST TGLs = 2-6			
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-7			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 3-6			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD: LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1076	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Natural Death	DAY ON TEST: 657 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
OBSERVATIONS			
Liver	Centrilobular	Congestion	Chronic, Mild
Note: LESION MAY BE DUE TO HEART FAILURE BUT HEART NORMAL.			
Lung		Hemorrhage	Chronic, Mild
Note: LESION MAY BE DUE TO HEART FAILURE BUT HEART NORMAL.			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-7			
Uterus			
Note: GROSS OBS DUE TO BLOOD POOLED IN VESSELS (NORMAL).			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: POSSIBLE CONGESTIVE HEART FAILURE DUE TO UNKNOWN.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1077	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Mesentery	Fat	Fatty Change	Mild
[Necrosis TGLS = 2-3]		Necrosis	Moderate
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1078	TRT#: 12	SEX: Female	DAY ON TEST: 737
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Stomach - Glandular			
OBSERVATIONS			
Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-1+2]			
Ovary		Cyst	
[Cyst TGLS = 1-3]			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
[Hyperplasia TGLS = 3-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1079	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS			
Intestine Small Note: LYMPH MAL MIXD TGLs = 6-6	Jejunum	Lymphoma Malignant Mixed	
Liver	Centrilobular	Cytomegaly Fatty Change	Minimal Minimal
Lymph Node	Lumbar Mandibular Mesenteric Renal	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1,3,4,5-2+3+5+6			
Spleen Note: LYMPH MAL MIXD TGLs = 2-4		Lymphoma Malignant Mixed	
Uterus Note: HYPERPLASIA TGLs = 7-7	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1080	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS			
Intestine Large [Leiomyosarcoma TGLS = 4-3]	Cecum	Leiomyosarcoma	
Liver	Centrilobular	Basophilic Focus Cytomegaly Eosinophilic Focus Fatty Change Hepatocellular Carcinoma	Moderate Mild Moderate Mild
Note: [BASOPH FOCUS] TGLs = 6,7-4 [Fatty Change TGLS = 3-4]			
Ovary [Cyst TGLS = 2-2]		Cyst	
Pituitary Gland [Adenoma TGLS = 1-2]	Pars Distalis	Adenoma	
Uterus [Hyperplasia TGLS = 5-2]	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1081	TRT#: 12	SEX: Female	DAY ON TEST: 737
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Inflammation	Chronic, Mild
Mesentery		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 2-2			
Ovary		Inflammation	Chronic Active, Marked
		Lymphoma Malignant Mixed	
Note: INFLAMMATION TGLs = 3-3			
[Inflammation TGLS = 3-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1082	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Basophilic Focus Cytomegaly Eosinophilic Focus Fatty Change Hepatocellular Adenoma	Mild Mild Mild
[Fatty Change TGLS = 4-4]			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
[Hyperplasia TGLS = 3-3]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1083	TRT#: 12	SEX: Female	DAY ON TEST: 688
	DOSE: 200 PPM 10-3	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 1-7]			
Ovary		Cyst	
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND DUE TO MAMMARY TUMOR.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1084	TRT#: 12	SEX: Female	DAY ON TEST: 738
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Fatty Change	Minimal
		Lymphoma Malignant Mixed	
[Fatty Change TGLS = 2-1]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1085	TRT#: 12	SEX: Female	DAY ON TEST: 738
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver	Spleen		
OBSERVATIONS			
Spleen			
Note: SPLEEN NORMAL ON MICRO.			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1086	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Natural Death	DAY ON TEST: 733 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Lung	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Thymus			
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Stomach - Forestomach	Stomach - Glandular
OBSERVATIONS			
Gallbladder		Lymphoma Malignant Mixed	
Kidney	Glomerulus	Inflammation	Membranoprolif, Moderate
		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Lumbar	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 1,2,3,7,8,9-2+7+8+9+10+12		
Ovary		Cystadenoma	
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 5,6-13		
Note: CYSTADENOMA	TGLs = 5-13		
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4-11		
Tooth	Incisor, Upper	Dysplasia	Mild
Uterus		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1086	TRT#: 12	SEX: Female	DAY ON TEST: 733
	DOSE: 200 PPM 10-3	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH -

Animal Note: COD: LYMPHOMA.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1087	TRT#: 12	SEX: Female	DAY ON TEST: 741
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	Multiple
[Cytomegaly TGLS = 1-1]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1088	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 633 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Adrenal Gland	Cortex	Lymphoma Malignant Histiocytic	
Liver		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 2-1]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
		Inflammation	Chronic Active, Mild
Uterus		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-7			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1089		TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Stomach - Glandular				
OBSERVATIONS				
Liver	Centrilobular	Cytomegaly	Minimal	
		Fatty Change	Minimal	
Ovary		Inflammation	Chronic Active, Moderate	
[Inflammation TGLS = 1-2]				
Spleen		Lymphoma Malignant Histiocytic		
[Lymphoma Malignant Histiocytic TGLS = 3-2]				
Stomach	Forestomach	Hyperplasia	Squamous, Moderate	
Note: [HYPERPLASIA] TGLs = 4-3				
Uterus	Endometrium	Hyperplasia	Cystic, Minimal	
[Hyperplasia TGLS = 2-2]				
[Lymphoma Malignant Histiocytic TGLS = 2-2]				
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1090	TRT#: 12	SEX: Female	DAY ON TEST: 741
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Ovary		Fatty Change	Mild
Note: CYSTADENOMA	TGLs = 1-2	Cystadenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1091	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Lymph Node	Mandibular	Edema	Moderate
[Edema TGLS = 2-2]			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1092	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Uterus	Endometrium	Fatty Change	Minimal
[Hyperplasia TGLS = 1-2]		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1093	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Liver		Inflammation	Chronic, Mild
Uterus		Inflammation	Chronic Active, Mild
Note: INFLAMMATION TGLs = 1-2			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1094

TRT#: 12

SEX: Female

DAY ON TEST: 642

DOSE: 200 PPM 10-3

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Lung

Alveolar/Bronchiolar Carcinoma
Inflammation

Chronic Active, Moderate

Note: ALV BRON CARC TGLs = 1-2

Note: SMALLER MASSES WERE ACTUALLY INFLAM IN RXN TO A/B CA.

[Alveolar/Bronchiolar Carcinoma TGLS = 2,3,4-2]

Lymph Node

Note: MANDIBULAR LN NORMAL.

Ovary

Cyst

PRIMARY CAUSE OF DEATH

-

Animal Note: COD: CARCINOMA IN LUNG.

Animal Note: ABD FLUID DUE TO PM AUTOLYSIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1095	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 652 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			
OBSERVATIONS			
Eye		Degeneration	Moderate
Note: DEGEN TGLs = 1-8			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Skin		Inflammation	Chronic Active, Moderate
Note: INFLAMMATION TGLs = 2-7			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 3-6			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORIBUNDITY UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1096	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Clitoral Gland Note: DILATATION TGLs = 3-2	Duct	Dilatation	Moderate
Liver [Fatty Change TGLS = 1,2-1+4]	Centrilobular	Cytomegaly Fatty Change Hepatocellular Adenoma	Mild Mild Multiple
Ovary Note: CYST TGLs = 4-2		Cyst	
Stomach Note: PAPILLOMA SQUA TGLs = 6-3	Forestomach	Squamous Cell Papilloma	Multiple
Uterus Note: HYPERPLASIA TGLs = 5-2	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1097	TRT#: 12	SEX: Female	DAY ON TEST: 742
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Stomach - Glandular			
OBSERVATIONS			
Eye		Degeneration	Marked
[Degeneration TGLS = 2-2]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-2]			
Liver		Fatty Change	Mild
		Inflammation	Chronic, Mild
Ovary		Cyst	
[Cyst TGLS = 4-4]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-3]			
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
Note: [HYPERPLASIA] TGLs = 6-3			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 5-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1098	TRT#: 12	SEX: Female	DAY ON TEST: 743
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Fatty Change	Mild
		Hepatocellular Adenoma	
Note: 4MM CAUDATE LOBE MASS NOT IDENTIFIABLE AT TRIM.			
[Fatty Change TGLS = 2-1]			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 4-3			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1099	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Ovary		Fatty Change	Mild
[Cyst TGLS = 1-2]		Cyst	
Stomach	Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1100	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS Liver	Centrilobular	Cytomegaly Fatty Change Hepatocellular Adenoma	Mild Mild
[Fatty Change TGLS = 1-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1101	TRT#: 12	SEX: Female	DAY ON TEST: 743
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Intestine Small	Ileum	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-2]			
Liver	Centrilobular	Cytomegaly	Mild
		Fatty Change	Mild
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-3]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1102	TRT#: 12	SEX: Female	DAY ON TEST: 744
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
		Eosinophilic Focus	Mild
		Fatty Change	Mild
		Hepatocellular Adenoma	
[Fatty Change TGLS = 2-1+3]			
Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1103	TRT#: 12	SEX: Female	DAY ON TEST: 744
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-3]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-2]			
Uterus		Dilatation	Moderate
[Dilatation TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1104	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Mild
Uterus	Endometrium	Fatty Change	Moderate
Note: HYPERPLASIA TGLs = 1-2		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1105	TRT#: 12	SEX: Female	DAY ON TEST: 744
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-2]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1106	TRT#: 12	SEX: Female	DAY ON TEST: 744
	DOSE: 200 PPM 10-3	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Intestine Small	Ileum	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-2]			
Liver		Hepatocellular Carcinoma	
		Infarct	Multifocal, Mild
		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-4]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-3]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-2]			
PRIMARY CAUSE OF DEATH	-		

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1107	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 744 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Salivary Glands			
OBSERVATIONS			
Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Histiocytic	
[Hepatocellular Adenoma TGLS = 8,12,13-1+11]			
Lymph Node	Axillary	Lymphoma Malignant Histiocytic	
	Inguinal	Lymphoma Malignant Histiocytic	
	Lumbar	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
	Pancreatic	Lymphoma Malignant Histiocytic	
	Renal	Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 2,5,6,7,9,10,11-2+3+4+5+8+9+10]			
Mesentery		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 4-4]			
Saliv Glands			
Note: SMALL SALIVARY GLAND NORMAL ON MICRO.			
Spleen		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 3-6]			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1108	TRT#: 12	SEX: Female	DAY ON TEST: 523
	DOSE: 200 PPM 10-3	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Thymus			
OBSERVATIONS			
Liver	Hepatocyte	Necrosis	Moderate
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Hemangioma	
		Inflammation	Chronic Active, Marked
Note: HEMANGIOMA TGLs = 1-7			
Note: INFLAMMATION TGLs = 2-6			
Uterus		Inflammation	Suppurative, Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: OVARIAN LESIONS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1109	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 673 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Artery	Inflammation	Chronic Active, Moderate
Kidney	Artery	Inflammation	Chronic Active, Mild
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Mild
Note: HEPATOCLR CARC TGLs = 2-8			
Lung		Inflammation	Chronic Active, Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
Ovary		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 1-6			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-7			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Artery, Glandular	Inflammation	Chronic Active, Moderate
Note: [HYPERPLASIA] TGLs = 4,5-9			
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND DUE TO OVARIAN INFLAMMATION.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1110	TRT#: 12 DOSE: 200 PPM 10-3	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 668 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea		
MISSING			
Thymus			
OBSERVATIONS			
Kidney	Pelvis	Inflammation	Suppurative, Mild
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
		Inflammation	Chronic, Mild
Note: HEPATOCLR ADEN TGLs = 7-10			
Lymph Node	Lumbar	Edema	Moderate
Note: CAUSE FOR ENLARGED MEDIASTINAL LN NOT SEEN AT MICRO.			
Note: EDEMA TGLs = 5-7			
Note: MANDIBULAR LN NORMAL.			
Ovary		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 1,3-6+9			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-8			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Urinary Bladder	Artery	Inflammation	Chronic Active, Minimal
Uterus		Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 2-6			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO OVARIAN & UTERINE INFLAMMATION.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1121	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Uterus	Endometrium	Fatty Change	Minimal
[Hyperplasia TGLS = 1-2]		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1122	TRT#: 11	SEX: Female	DAY ON TEST: 734
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Bone Marrow	Lung	Lymph Node - Mesenteric
OBSERVATIONS			
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Ovary		Cyst	
[Cyst TGLS = 2,3-3]			
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: EXTRA ORGANS EXAMINED TO SHED LIGHT ON LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1123		TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Natural Death	DAY ON TEST: 626 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain	
Esophagus	Gallbladder	Heart	Intestine Large - Cecum	
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung	
Lymph Node	Mammary Gland	Nose	Ovary	
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands	
Skin	Spleen	Stomach - Glandular	Thymus	
Thyroid Gland	Trachea	Urinary Bladder		
OBSERVATIONS				
Bone	Femur	Osteoma		
Note: OSTEOMA TGLs = 3-8				
Liver		Hepatocellular Carcinoma		
Note: HEPATOCLR CARC TGLs = 2-7				
Lymph Node				
Note: MANDIBULAR LN NORMAL.				
Stomach	Forestomach	Squamous Cell Papilloma		
[Squamous Cell Papilloma TGLS = 4-4]				
Uterus	Endometrium	Hyperplasia	Cystic, Mild	
Note: HYPERPLASIA TGLs = 1-6				
PRIMARY CAUSE OF DEATH -				
Animal Note: COD: PROBABLY RELATED TO HEPATOCELLULAR CARCINOMA.				

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1124	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 688 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Harderian Gland		Hyperplasia	Moderate
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 2-6			
Tongue		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 3-7			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-6			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO NEOPLASIA OF TONGUE.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1125	TRT#: 11	SEX: Female	DAY ON TEST: 617
	DOSE: 60 PPM 1-1	DISP: Natural Death	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
MISSING			
Mammary Gland			
AUTO PRECLUDES DIAG.			
Bone Marrow	Spleen		
OBSERVATIONS			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Uterus		Dilatation	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-6			
Note: DILATATION TGLs = 2-6			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD: UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1126	TRT#: 11	SEX: Female	DAY ON TEST: 734
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Eosinophilic Focus	Minimal
		Hemangiosarcoma	
		Necrosis	Focal, Mild
Note: HEMANGIOSARC TGLs = 2-2			
Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-4]			
Uterus		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-3			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1127	TRT#: 11	SEX: Female	DAY ON TEST: 734
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
Uterus		Endometrium	Cystic, Minimal
[Hyperplasia TGLS = 2-2]		Hyperplasia	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1128	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 542 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Undifferentiated Cell Type	
Brain		Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
Liver		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 5-1]			
Lymph Node	Mesenteric	Angiectasis	Mild
	Lumbar	Lymphoma Malignant Undifferentiated Cell Type	
	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type	
	Renal	Lymphoma Malignant Undifferentiated Cell Type	
Note: ANGIECTASIS TGLs = 6-7			
Note: LYMPH MAL UNDF TGLs = 4,6,7-4+7+9+10			
Mesentery		Lymphoma Malignant Undifferentiated Cell Type	
Ovary		Cyst	
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 1,2,3-8			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1129	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary			
[Cyst TGLS = 1-2]			
Cyst			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1130	TRT#: 11	SEX: Female	DAY ON TEST: 735
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Stomach	Glandular	Cyst	
[Cyst TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1131	TRT#: 11	SEX: Female	DAY ON TEST: 735
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 1-2]			
Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-3]			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1132	TRT#: 11	SEX: Female	DAY ON TEST: 735
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
Uterus		Endometrium	Cystic, Mild
[Hyperplasia TGLS = 2-2]		Hyperplasia	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1133	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1134	TRT#: 11	SEX: Female	DAY ON TEST: 736
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Large - Cecum			
OBSERVATIONS			
Intest Large			
Note: CECAL NODULE NOT SEEN ON MICRO W/RE CUTS.			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-3			
Ovary		Cyst	
[Cyst TGLS = 1-2]			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1135	TRT#: 11	SEX: Female	DAY ON TEST: 736
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-5			
Lung		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-6			
Ovary		Cyst	
[Cyst TGLS = 2-3]			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-2			
Stomach		Forestomach	Squamous Cell Papilloma
[Squamous Cell Papilloma TGLS = 6-7]			
Uterus		Inflammation	Suppurative, Mild
[Inflammation TGLS = 3-4]			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1136	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 393 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Brain	Artery	Inflammation Necrosis	Chronic Active, Mild Mild
Heart	Artery	Inflammation	Chronic Active, Mild
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Mesentery	Artery	Inflammation	Chronic Active, Mild
Ovary			
Note: OVARIAN CYST NOT APPARENT ON MICRO.			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO BRAIN LESIONS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1137	TRT#: 11	SEX: Female	DAY ON TEST: 736
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Large - Cecum	Liver		
OBSERVATIONS			
Intest Large			
Note: CECAL "NODULES" WERE NORMAL PEYERS PATCHES.			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1138	TRT#: 11	SEX: Female	DAY ON TEST: 736
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary			
Note: CYST TGLs = 1-2			
Cyst			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1139	TRT#: 11	SEX: Female	DAY ON TEST: 737
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 1-4]			
Ovary		Cyst	
[Cyst TGLS = 2,3-3]			
Spleen		Hematopoietic Cell Proliferation	Minimal
[Hematopoietic Cell Proliferation TGLS = 4-2]			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1140	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
Ovary		Cyst	
[Cyst TGLS = 1-2]			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1141	TRT#: 11	SEX: Female	DAY ON TEST: 737
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: ADENOMA IN SLIDES 1 & 5 IS ALL ONE TUMOR.			
Note: HEPATOCLR CARC TGLs = 4-5			
Note: HEPATOCLR ADEN TGLs = 6-1+5			
Ovary		Cyst	
[Cyst TGLS = 3-3]			
Pituitary Gland		Adenoma	
Note: ADENOMA TGLs = 2-1			
Skin		Myxosarcoma	
Note: MYXOSARCOMA TGLs = 1-2			
Spleen		Hematopoietic Cell Proliferation	Minimal
[Hematopoietic Cell Proliferation TGLS = 5-4]			
Zymbals GI			
Note: ZYMBALS MASS WAS ACTUALLY SKIN TUMOR.			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1142	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
OBSERVATIONS			
Harderian Gland [Adenoma TGLS = 7-6]		Adenoma	
Liver [Lymphoma Malignant Histiocytic TGLS = 4-1]		Lymphoma Malignant Histiocytic	
Lymph Node [Lymphoma Malignant Histiocytic TGLS = 5-5]	Mesenteric	Lymphoma Malignant Histiocytic	
Ovary [Cyst TGLS = 2-3]		Cyst	
Spleen [Lymphoma Malignant Histiocytic TGLS = 1-2]		Lymphoma Malignant Histiocytic	
Stomach [Hyperplasia TGLS = 6-4]	Epithelium, Forestomach	Hyperplasia	Mild
Uterus Note: NO "MASS" FOUND ON MICRO. [Hyperplasia TGLS = 3,8-3]	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1143	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Large - Cecum			
OBSERVATIONS			
Harderian Gland		Adenoma	
[Adenoma TGLS = 9-8]			
Intest Large			
Note: CECAL NODULE WAS NORMAL PEYERS PATCH ON MICRO.			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 7-6]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-5]			
Ovary		Cyst	
[Cyst TGLS = 4-3]			
[Cystadenoma TGLS = 5-3]			
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-2]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 6-4]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1144	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Natural Death	DAY ON TEST: 719 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
Liver		Infarct	Multifocal, Moderate
		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 2-1+8]			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Lymphoma Malignant Histiocytic	
Spleen		Lymphoma Malignant Histiocytic	
Uterus		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-6+7			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1145	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
OBSERVATIONS			
Liver		Eosinophilic Focus	Minimal
Ovary		Cyst	
[Cyst TGLS = 1-2]			
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1146	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Natural Death	DAY ON TEST: 631 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
MISSING			
Gallbladder	Thymus		
OBSERVATIONS			
Liver		Hemangiosarcoma Hepatocellular Carcinoma Infarct	Multifocal, Marked
Note: HEPATOCLR CARC TGLs = 3-1 [Hepatocellular Carcinoma TGLS = 2-7]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Acinus	Atrophy	Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 1-1			
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: HEPATIC NEOPLASMS.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1147	TRT#: 11	SEX: Female	DAY ON TEST: 634
	DOSE: 60 PPM 1-1	DISP: Moribund Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Liver
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
MISSING			
Islets, Pancreatic			
OBSERVATIONS			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Pancreas	Duct	Dilatation	Marked
[Dilatation TGLS = 2-7]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-6			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO DILATED PANCREATIC DUCT.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1148	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 680 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
MISSING			
Thymus			
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6,7-8			
Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 8-1+7]			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4,5,9-2+4+6			
Mesentery		Lymphoma Malignant Mixed	
Ovary		Cyst	
		Lymphoma Malignant Mixed	
Note: CYST TGLs = 1-6			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3-1]			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO LYMPHOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1149	TRT#: 11	SEX: Female	DAY ON TEST: 738
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary			
[Cyst TGLS = 1-2]			
Cyst			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1150		TRT#: 11		SEX: Female		DAY ON TEST: 573	
		DOSE: 60 PPM 1-1		DISP: Moribund Sacrifice		HISTO:	
ORGAN AND ACCOUNTABLE SITE STATUS							
NORMAL							
Adrenal Gland - Cortex		Adrenal Gland - Medulla		Bone		Bone Marrow	
Brain		Esophagus		Gallbladder		Heart	
Intestine Large - Cecum		Intestine Large - Colon		Intestine Large - Rectum		Intestine Small - Duodenum	
Intestine Small - Ileum		Intestine Small - Jejunum		Islets, Pancreatic		Kidney	
Liver		Mammary Gland		Ovary		Pancreas	
Parathyroid Gland		Pituitary Gland		Salivary Glands		Skin	
Spleen		Stomach - Forestomach		Stomach - Glandular		Thymus	
Thyroid Gland		Trachea		Urinary Bladder		Uterus	
OBSERVATIONS							
Eye				Sarcoma			
Note: SARCOMA		TGLs = 1-7					
Lung				Sarcoma		Metastatic (Eye)	
Note: SARCOMA		TGLs = 2-2					
Lymph Node		Mandibular, Mediastinal		Sarcoma		Metastatic (Eye)	
Nose				Sarcoma		Metastatic (Eye)	
PRIMARY CAUSE OF DEATH		-					
Animal Note: MORIBUND DUE TO SARCOMA.							

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1151	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 636 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			
OBSERVATIONS			
Bone Marrow	Femoral	Lymphoma Malignant Histiocytic	
Intestine Small	Duodenum	Inflammation	Necrotizing, Acute, Mild
Kidney		Cyst	
		Lymphoma Malignant Histiocytic	
Note: CYST TGLs = 9-1			
Liver		Infarct	Multifocal, Moderate
		Lymphoma Malignant Histiocytic	
[Infarct TGLS = 5,6,7,8-1+10]			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
	Renal	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1,10,11-6+7+8			
Ovary		Cyst	
		Lymphoma Malignant Histiocytic	
Note: CYST TGLs = 4-6			
Pancreas		Lymphoma Malignant Histiocytic	
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 2,3-9			
Thymus		Lymphoma Malignant Histiocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1151	TRT#: 11	SEX: Female	DAY ON TEST: 636
	DOSE: 60 PPM 1-1	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND DUE TO LYMPHOMA.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1152	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
Stomach	Forestomach	Fatty Change	Minimal
[Squamous Cell Papilloma TGLS = 1-2]		Squamous Cell Papilloma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1153	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
OBSERVATIONS			
Liver		Hematopoietic Cell Proliferation	Moderate
Ovary		Cyst	
[Cyst TGLS = 1-2]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1154	TRT#: 11	SEX: Female	DAY ON TEST: 741
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary			
[Cyst TGLS = 1-2]			
Cyst			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1155	TRT#: 11	SEX: Female	DAY ON TEST: 741
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary		Cyst	
[Cyst TGLS = 2-2]			
Uterus		Endometrium	Cystic, Marked
[Hyperplasia TGLS = 1-2]		Hyperplasia	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1156	TRT#: 11	SEX: Female	DAY ON TEST: 741
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Large - Cecum	Liver		
OBSERVATIONS			
Intest Large			
Note: CECAL NODULE WAS NORMAL PEYERS PATCH ON MICRO.			
Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1157	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Liver [Hepatocellular Adenoma TGLS = 2-3]		Hepatocellular Adenoma	
Ovary [Cyst TGLS = 1-2]		Cyst	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1158	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Liver		Eosinophilic Focus	Mild
Ovary		Cyst	
[Cyst TGLS = 1-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild
[Inflammation TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1159	TRT#: 11	SEX: Female	DAY ON TEST: 742
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Large - Cecum			
OBSERVATIONS			
Intest Large			
Note: CECAL FOCUS WAS NORMAL PEYERS PATCH ON MICRO.			
Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
Note: FATTY CHANGE TGLs = 3-1			
Note: HEPATOCLR ADEN TGLs = 2-3			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 4-4]			
Uterus		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1160	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
OBSERVATIONS			
Liver [Hepatocellular Adenoma TGLS = 2-3]		Hepatocellular Adenoma	
Lung [Hyperplasia TGLS = 3-4]	Alveolar Epith	Hyperplasia	Mild
Ovary [Cyst TGLS = 1-2]		Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1161	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 459 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	
MISSING			
Thymus			
OBSERVATIONS			
Lung		Osteosarcoma	Metastatic (Uncertain Primary Site)
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Pancreas	Acinus	Atrophy	Mild
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND DUE TO OSTEOSARCOMA.			
Animal Note: BLOCK 7 WAS BONE THAT LOOKED SUSPICIOUS AT TRIM;NSL.			
Animal Note: CARCASS WAS CHECKED FOR BONEY MASS; NONE FOUND.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1162	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Natural Death	DAY ON TEST: 585 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
OBSERVATIONS			
Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-1+7]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-2]			
Lymph Node			
Note: MANDIBULAR LN NORMAL.			
Ovary		Cyst	
Note: CYST TGLs = 2-6			
Uterus			
Note: UTERUS WITHIN NORMAL LIMITS ON MICRO.			
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: HEPATOCELLULAR CARCINOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1163	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO:
OBSERVATIONS			
Liver		Fatty Change	Minimal
Ovary		Cyst	
[Cyst TGLS = 1,2-2]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1164	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Natural Death	DAY ON TEST: 479 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Bone	Bone Marrow	Brain	Esophagus
Gallbladder	Intestine Large - Colon	Islets, Pancreatic	Liver
Lung	Pancreas	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		
MISSING			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node	Mammary Gland
Ovary	Pituitary Gland	Salivary Glands	Thymus
AUTO PRECLUDES DIAG.			
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Parathyroid Gland		
OBSERVATIONS			
Heart	Artery	Inflammation	Chronic Active, Mild
Kidney		Cyst	
[Cyst TGLS = 1-1]			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1165	TRT#: 11 DOSE: 60 PPM 1-1	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 563 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
MISSING			
Ovary			
OBSERVATIONS			
Kidney	Renal Tubule Renal Tubule	Necrosis Regeneration	Mild Moderate
Lymph Node Note: MANDIBULAR LN NORMAL.			
Mesentery	Fat	Inflammation Necrosis	Suppurative, Marked Marked
Note: INFLAMMATION TGLs = 1,2-1+2+4+6+7 [Necrosis TGLS = 1,2-1+2+4+6+7]			
Pancreas		Inflammation	Chronic, Mild
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND DUE TO MESENTERIC LESIONS.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1166	TRT#: 11	SEX: Female	DAY ON TEST: 743
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Spleen			
OBSERVATIONS			
Liver	Centrilobular	Cytomegaly	Minimal
		Fatty Change	Minimal
		Hepatocellular Adenoma	
Note: ADENOMA IN SLIDES 1 & 4 ARE JUST ONE TUMOR.			
Note: HEPATOCLR ADEN TGLs = 3-1+4			
Spleen			
Note: ENLARGED SPLEEN NORMAL ON MICRO.			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 5,5-Diphenylhydantoin (phenytoin)
CAS Number: 57-41-0

Date Report Requested: 10/23/2014
Time Report Requested: 07:11:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1167

TRT#: 11

SEX: Female

DAY ON TEST: 743

DOSE: 60 PPM 1-1

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver

Hematopoietic Cell Proliferation
Hepatocellular Adenoma

Moderate

[Hematopoietic Cell Proliferation TGLS = 3-3]

Ovary

Cyst
Thrombosis

[Cyst TGLS = 4-4]

[Thrombosis TGLS = 1-5]

Spleen

Lymphoma Malignant Histiocytic

[Lymphoma Malignant Histiocytic TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05075-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 5,5-Diphenylhydantoin (phenytoin)

CAS Number: 57-41-0

Date Report Requested: 10/23/2014

Time Report Requested: 07:11:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1168	TRT#: 11	SEX: Female	DAY ON TEST: 743
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Intestine Large - Cecum			
OBSERVATIONS			
Intest Large			
Note: CECAL NODULE PROBABLY NORMAL PEYERS PATCH			
Note: IT WAS NOT FOUND IN SECTION ON MICRO W/RECUTS.			
Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4-4]			
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 2-3			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1169	TRT#: 11	SEX: Female	DAY ON TEST: 744
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Harderian Gland	Uterus		
OBSERVATIONS			
Harderian Gl			
Note: ENLARGED HARDERIAN GLAND NORMAL ON MICRO.			
Liver		Lymphoma Malignant Mixed	
Lung		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-6			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-2			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-3			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 5-5			
Uterus			
Note: UTERUS NORMAL ON MICRO.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1170	TRT#: 11	SEX: Female	DAY ON TEST: 744
	DOSE: 60 PPM 1-1	DISP: Terminal Sacrifice	HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
Ovary		Cyst	
Note: CYST	TGLs = 2-2		
Spleen		Hyperplasia	Lymphoid, Marked
Note: [HYPERPLASIA]	TGLs = 3-3		
Stomach	Forestomach	Cyst	
Note: CYST	TGLs = 4-4		
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 1-2		
PRIMARY CAUSE OF DEATH	-		

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE