

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

C Number:	C55403D
Lock Date:	07/28/1993
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	09/20/1995

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 734
DOSE: 0 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9203321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adren Cortex			
Note: only 1 adrenal on slide			
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Duodenum		Ulcer	Marked
Note: Massive chronic ulcer, in ass'n with adhered hepatocellular tissue/carcinoma			
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
[Hepatocellular Carcinoma TGLS = 1-1+9]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 691 HISTO: 9203322
--------------	--------------------------	----------------------------------	------------------------------------

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

INSUFFICIENT TISSUE

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Hepatocholangiocarcinoma	Metastatic (Liver)
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Hepatocholangiocarcinoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	[Hepatocellular Adenoma TGLS = 1-9]		
	[Hepatocellular Carcinoma TGLS = 1-1]		
	[Hepatocholangiocarcinoma TGLS = 1-9]		
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 2-2]		
Lymph Node	Mediastinal	Hepatocholangiocarcinoma	Metastatic (Liver)
Mesentery		Hepatocholangiocarcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 691
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9203322

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Hepatocholangiocarcinoma	Metastatic (Liver)
PRIMARY CAUSE OF DEATH	- Liver Hepatocholangiocarcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
* Stomach, Forestomach	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 1-9]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 651
DOSE: 0 MG/KG **DISP:** Natural Death **HISTO:** 9203324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Cortex			
Note: only 1 adrenal on slide			
* Bone Marrow		Hyperplasia	Moderate
* Brain		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-10]			
* Kidney	Glomerulus	Infarct	Moderate
		Lymphoma Malignant	
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
		Lymphoma Malignant	
[Hepatocellular Carcinoma TGLS = 2-1]			
[Lymphoma Malignant TGLS = 2-1+9]			
* Lung			
Note: Disseminated PMNs in vessels with possible intravascular coagulopathy.			
Lymph Node	Mediastinal	Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 651
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9203324

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 3-10]	Lymphoma Malignant	
* Spleen [Hematopoietic Cell Proliferation TGLS = 1-1]	Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 647
DOSE: 0 MG/KG **DISP:** Natural Death **HISTO:** 9203325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	Multiple
	Bile Duct	Hepatocellular Adenoma	
		Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Necrosis	Moderate
[Eosinophilic Focus TGLS = 2-1]			
[Hemangiosarcoma TGLS = 2-1+2+9]			
[Hepatocellular Adenoma TGLS = 2-9]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-1]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 9203326
---------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
Note: Carcinoma on slide 9; 9 matches the lesion seen grossly. [Hepatocellular Carcinoma TGLS = 3-9,1-9] [Inflammation TGLS = 2-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 706
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9203327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
Blood Vessel	Aorta	Inflammation	Chronic Active, Mild
* Heart	Artery	Inflammation	Chronic Active, Moderate
* Kidney		Glomerulosclerosis	Mild
[Glomerulosclerosis TGLS = 2-1]			
* Liver		Hemangioma	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
[Hepatocellular Adenoma TGLS = 1-9]			
[Inflammation TGLS = 1-1+2+9]			
Mesentery	Artery	Inflammation	Chronic Active, Mild
* Preputial Gland	Duct	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Ulcer	Mild

PRIMARY CAUSE OF DEATH - Kidney Glomerulosclerosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	[Hepatocellular Carcinoma TGLS = 1-9]		
	[Inflammation TGLS = 2-1+9]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-2]		
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 690
DOSE: 0 MG/KG **DISP:** Natural Death **HISTO:** 9203329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-4+9]			
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hepatocellular Adenoma	Multiple
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
[Hepatocellular Adenoma TGLS = 3-1+10]			
[Inflammation TGLS = 3-1+2+10]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-10]			
* Prostate		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-1]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Lymphoma Malignant

Animal Note: lymphoid cells in or adhered to many tissues

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 575

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Glomerulosclerosis	Moderate
		Pigmentation	Hemosiderin, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Adenoma TGLS = 5-9]		
	[Hepatocellular Carcinoma TGLS = 2,4-9+1]		
	[Inflammation TGLS = 3,6-1]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemangioma	
	[Hemangioma TGLS = 7-4]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-1]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Glomerulosclerosis;Lymph Node;Mesenteric Hemangioma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 687

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9203331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Kidney	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
		Necrosis	Moderate
[Eosinophilic Focus TGLS = 4-1]			
[Hemangiosarcoma TGLS = 4-9]			
[Hepatocellular Carcinoma TGLS = 4-9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: hematocyst noted in mediastinal node

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 687

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9203331

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: interstitial edema around pancreas and reactive omentum noted and confirm the grossly noted ascites

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Angiectasis	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Adenoma TGLS = 1-1+2+9]		
	[Hepatocellular Carcinoma TGLS = 1-9]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 680

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-9]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
[Cyst TGLS = 2-9]			
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hepatocellular Carcinoma	
		Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Hepatocellular Adenoma TGLS = 4-1+10]			
[Hepatocellular Carcinoma TGLS = 3-10]			
[Inflammation TGLS = 4-1+2+10]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Carcinoma TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13	TRT#: 1	SEX: Male	DAY ON TEST: 680
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9203333

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14	TRT#: 1	SEX: Male	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Cyst	Mild
		Nephropathy	Mild
[Cyst TGLS = 3-10]			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 1,2-1+9]			
[Hepatocellular Carcinoma TGLS = 1-9]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Pancreas		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium xylenesulfonate

CAS Number: 1300-72-7

Date Report Requested: 10/19/2014

Time Report Requested: 12:54:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
Note: only 1 adrenal on slide			
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Bile Duct	Hepatocellular Carcinoma	
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Necrosis	Mild
[Hepatocellular Adenoma TGLS = 1-1+10]			
[Hepatocellular Carcinoma TGLS = 1-10]			
[Inflammation TGLS = 1-1+2+10]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 3,4,5-9+9+2]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 646

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Duodenum		Necrosis	Moderate
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-9]			
[Hepatocellular Carcinoma TGLS = 3-1]			
* Lym Node Mesen			
Note: thromboses noted in two nodes			
Mesentery	Vein	Thrombosis	Moderate
* Pancreas		Necrosis	Mild
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 646

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203336

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Intestine Small;Duodenum Necrosis;Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Clear Cell Focus TGLS = 3-1,5-10]			
[Hepatocellular Adenoma TGLS = 2,5,6-1+10+9]			
[Hepatocellular Carcinoma TGLS = 4-9]			
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Adenoma TGLS = 1-9]		
	[Hepatocellular Carcinoma TGLS = 1-9]		
	[Inflammation TGLS = 1-1+2+9]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
[Hepatocellular Adenoma TGLS = 1-9]			
[Hepatocellular Carcinoma TGLS = 1-9]			
[Inflammation TGLS = 1-1+2+9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 1	SEX: Male	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
	[Hepatocellular Carcinoma TGLS = 1-1+2+9]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 697
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9203341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Parathyroid Gland
* Preputial Gland	* Skin	* Stomach, Forestomach	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-1+2+9]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland		Lymphoma Malignant	
* Prostate		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Seminal Vesicle		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-1]			
* Stomach, Glandular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 697

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9203341

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22	TRT#: 1	SEX: Male	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
[Hepatocellular Adenoma TGLS = 1-1]			
[Inflammation TGLS = 1-1+2+9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Hepatocellular Adenoma TGLS = 1-9]			
[Hepatocellular Carcinoma TGLS = 1-9]			
[Inflammation TGLS = 1-1+2+9]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-10]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	[Hemangiosarcoma TGLS = 1-1+2]		
	[Hepatocellular Adenoma TGLS = 1-9]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-10]		
Lymph Node	Mediastinal	Hemangiosarcoma	Metastatic (Liver)
* Pancreas		Cytoplasmic Alteration	Minimal
* Spleen		Hemangiosarcoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9203345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
		Infiltration Cellular	Mast Cell, Moderate
* Heart		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hemorrhage	Marked
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	[Hemorrhage TGLS = 1-1]		
	[Hepatocellular Carcinoma TGLS = 1-1+10]		
* Lung	Mediastinum	Angiectasis	Moderate
		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Angiectasis	Moderate
		Lymphoma Malignant	
	[Angiectasis TGLS = 3-11]		
	[Lymphoma Malignant TGLS = 3-11]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-1]		
* Stomach, Forestomach		Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9203345

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Marked plasma or mast cell proliferation beneath mucosa, interpreted to be reaction to ulcers
[Ulcer TGLS = 4-4+9]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Epididymis		Granuloma Sperm	Marked
Harderian Gland		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 564

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9203347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 4-1]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-1+10]		Necrosis	Mild
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-9]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 1	SEX: Male	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Adenoma TGLS = 1-9]		
	[Inflammation TGLS = 1-1+2+9]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Pancreas		Cytoplasmic Alteration	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Infarct	Mild
[Infarct TGLS = 1-1]	Nephropathy	Minimal
* Liver	Eosinophilic Focus	Multiple
[Eosinophilic Focus TGLS = 4-1]	Hepatocellular Adenoma	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2,3,6,7,8-10+10+11+11+2]	Inflammation	
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Moderate
		Necrosis	Minimal
[Basophilic Focus TGLS = 3-1]			
[Hepatocellular Adenoma TGLS = 3-10]			
[Hepatocellular Carcinoma TGLS = 2-9]			
* Pancreas	Artery	Inflammation	Chronic Active, Marked
* Preputial Gland	Duct	Cyst	Marked
[Cyst TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hemangioma	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate

[Hepatocellular Adenoma TGLS = 1-1+9]
[Inflammation TGLS = 1-1+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
--------------------------	-----------------	----------

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-9]		
[Hepatocellular Carcinoma TGLS = 1-9]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium xylenesulfonate

CAS Number: 1300-72-7

Date Report Requested: 10/19/2014

Time Report Requested: 12:54:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
* Epididymis	Granuloma Sperm	Moderate
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	Multiple
	Inflammation	Chronic Active, Minimal

[Hepatocellular Adenoma TGLS = 1-9,2-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
		Necrosis	Minimal
[Hemangiosarcoma TGLS = 1-1+2+9]			
[Hepatocellular Adenoma TGLS = 1-1+2]			
[Hepatocellular Carcinoma TGLS = 1-9]			
* Lym Node Mesen			
Note: vascular channels noted which could represent hemangiosarc metastasis from liver			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
[Hepatocellular Adenoma TGLS = 1-1+2]			
[Hepatocellular Carcinoma TGLS = 1-1+9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium xylenesulfonate

CAS Number: 1300-72-7

Date Report Requested: 10/19/2014

Time Report Requested: 12:54:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 686

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9203356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	Metastatic (Spleen)
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 3-2]			
[Hemangiosarcoma TGLS = 3-1+2+10]			
[Hepatocellular Carcinoma TGLS = 3-1]			
Mesentery		Hemangiosarcoma	Metastatic (Spleen)
[Hemangiosarcoma TGLS = 4-9]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-9]			

PRIMARY CAUSE OF DEATH - Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 702

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Hepatocellular Carcinoma TGLS = 1-1+9]			
[Inflammation TGLS = 1-1+2+9]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Marked
[Hyperplasia TGLS = 2-2]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	[Hepatocellular Adenoma TGLS = 1,2-1+9]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
		Necrosis	Minimal

[Hepatocellular Adenoma TGLS = 1-1+9]

[Hepatocellular Carcinoma TGLS = 1-1+9]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 575

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mesenteric	* Nose	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Thymus
--------------------------	-----------------	---------------------	----------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	[Hepatocellular Adenoma TGLS = 2-1]		
	[Hepatocellular Carcinoma TGLS = 1-10]		
	[Inflammation TGLS = 2-1+2+10]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-9]		
* Pancreas		Atrophy	Mild
* Preputial Gland	Duct	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41 TRT#: 1 SEX: Male DAY ON TEST: 494
DOSE: 0 MG/KG DISP: Natural Death HISTO: 9203361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney			
Note: heterotopic bone noted			
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Necrosis	Mild
	[Hepatocellular Carcinoma TGLS = 1,2,3-9+1+10]		
	[Necrosis TGLS = 3-10]		
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 691
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9203362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	[Hepatocellular Carcinoma TGLS = 1-1+2]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Infiltration Cellular	Plasma Cell, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	[Hepatocellular Adenoma TGLS = 1-1+9]		
	[Hepatocellular Carcinoma TGLS = 1-1+9]		
* Pancreas		Cytoplasmic Alteration	Minimal
* Stomach, Forestomach		Cyst	Mild
	[Cyst TGLS = 2-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
Note: heterotopic bone noted			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Hepatocellular Adenoma TGLS = 1-1+9]			
[Hepatocellular Carcinoma TGLS = 1-1]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 3-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-4]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 734
DOSE: 0 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9203365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Thymus
--------------------------	----------

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	[Hepatocellular Adenoma TGLS = 1-9]		
	[Hepatocellular Carcinoma TGLS = 1-1+9]		
	[Inflammation TGLS = 1-1+2+9]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium xylenesulfonate

CAS Number: 1300-72-7

Date Report Requested: 10/19/2014

Time Report Requested: 12:54:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

- * Mammary Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Thrombosis	Moderate
	[Hepatocellular Adenoma TGLS = 1-1]		
	[Hepatocellular Carcinoma TGLS = 1-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 2-2+9]		
Mesentery	Fat	Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
-----------------	-------------------	----------

OBSERVATIONS

* Adren Cortex			
Note: Large subcapsular cyst present			
* Bone Marrow		Hyperplasia	Moderate
* Heart		Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Kupffer Cell	Pigmentation	Moderate
[Hemangiosarcoma TGLS = 1-9]			
[Hepatocellular Adenoma TGLS = 1-2+9]			
[Hepatocellular Carcinoma TGLS = 1-1]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: marked inflammation in areas of hepato carc metastasis			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203368

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Adenoma TGLS = 2-1+2+9]		
	[Hepatocellular Carcinoma TGLS = 2-1+2]		
	[Inflammation TGLS = 2-1+2+9]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-2]		
* Pancreas		Cytoplasmic Alteration	Minimal
* Pituitary Gland		Cyst	Minimal
* Preputial Gland		Inflammation	Chronic Active, Marked
	[Inflammation TGLS = 1-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 674

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Marked
	[Thrombosis TGLS = 2-2]		
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
	[Hepatocellular Carcinoma TGLS = 1-1]	Inflammation	Chronic Active, Minimal
* Lung			
	Note: numerous alveolar macrophages (related to cardiac disease) noted		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- Heart Atrium Thrombosis
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 674

DOSE: 182 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* 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	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
---------------	--------------------------	--------------------------	-----------------

OBSERVATIONS

* Adren Cortex			
Note: only 1 adrenal on slide			
* Adrenal Medulla		Hyperplasia	Mild
* Heart	Atrium	Thrombosis	Marked
	Ventricle	Thrombosis	Mild
* Kidney		Nephropathy	Marked
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 1-1+9]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis; Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia Inflammation	Moderate Chronic Active, Marked
---------	-----------	-----------------------------	------------------------------------

[Inflammation TGLS = 4-1+2+9]

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatoblastoma

Hepatocellular Adenoma

Hepatocellular Carcinoma

Multiple

Bile Duct

Hyperplasia

Marked

Inflammation

Chronic Active, Marked

[Hepatocellular Carcinoma TGLS = 1-1+9]

[Inflammation TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Eosinophilic Focus
Hepatocellular Carcinoma
Hyperplasia
Inflammation

Multiple
Moderate
Chronic Active, Marked

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Basophilic Focus

Clear Cell Focus

Eosinophilic Focus

Hepatocellular Adenoma

Hepatocellular Carcinoma

Hyperplasia

Inflammation

Vacuolization Cytoplasmic

Bile Duct

Mild

Chronic Active, Moderate

Moderate

[Hepatocellular Adenoma TGLS = 1-10]

[Hepatocellular Carcinoma TGLS = 1-10]

[Inflammation TGLS = 1-1]

* Lung

Hepatocellular Carcinoma

Metastatic (Liver)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 3	SEX: Male	DAY ON TEST: 733
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Clear Cell Focus	
Hemangiosarcoma	Multiple
Hepatocellular Adenoma	
Hepatocellular Carcinoma	Multiple
Bile Duct	Hyperplasia
	Inflammation
	Moderate
	Chronic Active, Moderate

[Hepatocellular Adenoma TGLS = 1-9]

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia
Inflammation

Bile Duct

Moderate
Chronic Active, Moderate

[Hepatocellular Adenoma TGLS = 2-1]
[Hepatocellular Carcinoma TGLS = 2-9]
[Inflammation TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Clear Cell Focus

Eosinophilic Focus

Hepatocellular Adenoma

Mixed Cell Focus

[Eosinophilic Focus TGLS = 2-9]

[Hepatocellular Adenoma TGLS = 4-9]

[Mixed Cell Focus TGLS = 3-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 702

DOSE: 182 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
--------------------------	--------------------------	-----------------	---------------------

OBSERVATIONS

* Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
		Nephropathy	Minimal
Note: tumor-associated infarct			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Hepatocellular Adenoma TGLS = 1-1]			
[Hepatocellular Carcinoma TGLS = 1-1+11]			
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Carcinoma TGLS = 3,4-2+10+9]			
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]			
[Hepatocellular Carcinoma TGLS = 2-2]			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2+10]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59	TRT#: 3	SEX: Male	DAY ON TEST: 702
	DOSE: 182 MG/KG	DISP: Moribund Sacrifice	HISTO: 9203629

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
PRIMARY CAUSE OF DEATH	- Lung Mediastinum Alveolar/Bronchiolar Carcinoma Lung	
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 322

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver Hepatocellular Adenoma

Note: Acute hemorrhage ass'd with tumor contributed to death.

[Hepatocellular Adenoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia
Inflammation

Moderate
Chronic Active, Marked

[Inflammation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
Bile Duct	Hyperplasia	Moderate
	Inflammation	Chronic Active, Moderate

[Hepatocellular Adenoma TGLS = 1-1+2]

[Hepatocellular Carcinoma TGLS = 1-1+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus	
Hepatocellular Adenoma	
Hepatocellular Carcinoma	Multiple
Hyperplasia	Moderate
Inflammation	Chronic Active, Moderate

Bile Duct

[Inflammation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia
Inflammation

Bile Duct

Moderate
Chronic Active, Moderate

[Hepatocellular Carcinoma TGLS = 1-9]

[Inflammation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 687
DOSE: 182 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9203636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Kidney		Glomerulosclerosis	Moderate
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Adenoma TGLS = 1-9]		
	[Hepatocellular Carcinoma TGLS = 1-9]		
	[Inflammation TGLS = 1-1+2+9]		
* Lung	Alveolar Epith	Hyperplasia	Mild
	[Hyperplasia TGLS = 2-2]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67	TRT#: 3	SEX: Male	DAY ON TEST: 540
	DOSE: 182 MG/KG	DISP: Natural Death	HISTO: 9203637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	Metastatic (Spleen)
		Hepatocellular Adenoma	
	[Hemangiosarcoma TGLS = 3-10]		
	[Hepatocellular Adenoma TGLS = 2-9]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-1]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus

Hepatoblastoma

Hepatocellular Adenoma

Multiple

Hepatocellular Carcinoma

Bile Duct

Hyperplasia

Mild

Inflammation

Chronic Active, Moderate

[Hepatoblastoma TGLS = 1-9]

[Hepatocellular Adenoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Basophilic Focus

Hepatocellular Adenoma

Hepatocellular Carcinoma

Hyperplasia

Inflammation

Multiple

Mild

Chronic Active, Moderate

Bile Duct

[Hepatocellular Adenoma TGLS = 1-9]

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Adenoma TGLS = 1-1+9]		
	[Hepatocellular Carcinoma TGLS = 1-1]		
	[Inflammation TGLS = 1-2]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 658

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Thymus
-----------------	---------------------	-------------------	----------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Degeneration	Minimal
* Kidney		Nephropathy	Marked
* Liver		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
[Hemangiosarcoma TGLS = 2,4-9+10]			
[Hepatocellular Adenoma TGLS = 3,5-9]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver	Bile Duct	Hyperplasia Inflammation	Minimal Chronic Active, Minimal
---------	-----------	-----------------------------	------------------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 680

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 1-1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-9]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia
Inflammation

Bile Duct

Mild
Chronic Active, Moderate

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus

Hepatocellular Adenoma

Inflammation

Multiple

Chronic Active, Minimal

Note: NO CORRELATING LESION FOR TGL 3-1.

[Eosinophilic Focus TGLS = 5-1]

[Hepatocellular Adenoma TGLS = 1,2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hepatocellular Adenoma

Hyperplasia

Moderate

Inflammation

Chronic Active, Marked

[Hepatocellular Adenoma TGLS = 2-10]

[Inflammation TGLS = 3-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Angiectasis	Moderate
Basophilic Focus	
Eosinophilic Focus	
Hepatocellular Carcinoma	
Hyperplasia	Moderate
Inflammation	Chronic Active, Moderate
Mixed Cell Focus	
Necrosis	Minimal

Bile Duct

[Basophilic Focus TGLS = 1-9]

[Mixed Cell Focus TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 610

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
--------------------------	-----------------	---------------------

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	Multiple
		Histiocytic Sarcoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
[Hepatocellular Carcinoma TGLS = 5-10]			
[Histiocytic Sarcoma TGLS = 5-10]			
* Lung		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-2]			
Lymph Node	Mediastinal	Histiocytic Sarcoma	
* Skin	SOA, Subcut Tiss	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1,2,3-9]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-1]			
* Thymus		Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia
Inflammation
Mixed Cell Focus

Marked
Chronic Active, Marked

[Hepatocellular Carcinoma TGLS = 1-9]

[Mixed Cell Focus TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80	TRT#: 3	SEX: Male	DAY ON TEST: 639
	DOSE: 182 MG/KG	DISP: Natural Death	HISTO: 9203650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Marked
	[Hepatocellular Carcinoma TGLS = 2-1+2+9]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 1-1]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81	TRT#: 3	SEX: Male	DAY ON TEST: 733
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hepatocellular Adenoma

Multiple

Hyperplasia

Mild

Inflammation

Chronic Active, Mild

[Hepatocellular Adenoma TGLS = 2,3-1+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Moderate

Inflammation

Chronic Active, Moderate

[Inflammation TGLS = 1-1+2+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia
Inflammation

Bile Duct

Moderate
Chronic Active, Marked

[Hepatocellular Carcinoma TGLS = 2-9]

[Inflammation TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus

Hepatoblastoma

Hepatocellular Adenoma

Multiple

Hepatocellular Carcinoma

Multiple

Bile Duct

Hyperplasia

Moderate

Inflammation

Chronic Active, Moderate

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85	TRT#: 3	SEX: Male	DAY ON TEST: 733
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hepatocellular Adenoma

Hyperplasia

Inflammation

Marked

Chronic Active, Marked

[Hepatocellular Adenoma TGLS = 1-9]

[Inflammation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Carcinoma

Inflammation

Chronic Active, Minimal

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87	TRT#: 3	SEX: Male	DAY ON TEST: 733
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Basophilic Focus

Hepatocellular Adenoma

Hyperplasia

Inflammation

Multiple

Moderate

Chronic Active, Marked

[Hepatocellular Adenoma TGLS = 1,2-9+1]

[Inflammation TGLS = 3-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 620

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Adren Cortex			
Note: anatomic deformity (gland is elongated, with cortical cyst) corresponds to TGL 1-7			
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
		Necrosis	Moderate
	[Hepatocellular Adenoma TGLS = 3-9]		
	[Hepatocellular Carcinoma TGLS = 4-9]		
	[Inflammation TGLS = 2-1+2+9]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-10]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia
Inflammation

Multiple
Mild
Chronic Active, Mild

[Hepatocellular Adenoma TGLS = 1-1]

[Hepatocellular Carcinoma TGLS = 1-2+9]

Bile Duct

* Lung

Hepatocellular Carcinoma

Metastatic (Liver)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Mild

Inflammation

Chronic Active, Mild

Vacuolization Cytoplasmic

Minimal

[Vacuolization Cytoplasmic TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 706

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Mammary Gland			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Necrosis	Minimal
[Hemangiosarcoma TGLS = 1-1+2+9]			
[Hepatocellular Carcinoma TGLS = 1-1]			
[Inflammation TGLS = 1-1+2+9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hepatocellular Adenoma
Hyperplasia
Inflammation

Moderate
Chronic Active, Moderate

[Hepatocellular Adenoma TGLS = 2-9]

[Inflammation TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203663

OBSERVATIONS

* Liver

Hepatoblastoma
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia
Inflammation

Multiple

Bile Duct

Minimal
Chronic Active, Mild

[Hepatoblastoma TGLS = 2-10]

[Hepatocellular Carcinoma TGLS = 2-10]

* Skin

SOA, Subcut Tiss

Histiocytic Sarcoma

[Histiocytic Sarcoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma	Multiple
Hepatocellular Carcinoma	Multiple
Bile Duct Hyperplasia	Moderate
Inflammation	Chronic Active, Mild

[Hepatocellular Adenoma TGLS = 1-1]

[Hepatocellular Carcinoma TGLS = 1-9]

[Inflammation TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95	TRT#: 3	SEX: Male	DAY ON TEST: 733
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma	Multiple
Hepatocellular Carcinoma	Multiple
Bile Duct	Mild
Hyperplasia	Chronic Active, Mild
Inflammation	

[Hepatocellular Adenoma TGLS = 2-10]

[Hepatocellular Carcinoma TGLS = 2-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

	Eosinophilic Focus	
	Hepatocellular Carcinoma	Multiple
Bile Duct	Hyperplasia	Moderate
	Inflammation	Chronic Active, Moderate
	Mixed Cell Focus	

[Hepatocellular Carcinoma TGLS = 1-1+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98	TRT#: 3	SEX: Male	DAY ON TEST: 659
	DOSE: 182 MG/KG	DISP: Natural Death	HISTO: 9203668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-1]			
* Skin	Epidermis, SOA	Exudate	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Carcinoma

Inflammation

Chronic Active, Minimal

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium xylenesulfonate

CAS Number: 1300-72-7

Date Report Requested: 10/19/2014

Time Report Requested: 12:54:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 588

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * 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 | * Lung |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- | | |
|--------------------------|--------------------------|
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
|--------------------------|--------------------------|

AUTO PRECLUDES DIAG.

- * Islets, Pancreatic

OBSERVATIONS

- | | | | |
|--|-----------|--------------|-------------------------|
| * Adren Cortex | | | |
| Note: cause of minimal neuron necrosis not found | | | |
| * Brain | Neuron | Necrosis | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Inflammation | Chronic Active, Minimal |

PRIMARY CAUSE OF DEATH

- Brain Neuron Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Basophilic Focus

Eosinophilic Focus

Hyperplasia

Inflammation

Moderate

Chronic Active, Marked

[Inflammation TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 686

DOSE: 364 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Kidney
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Brain	Neuron	Necrosis	Moderate
* Liver	Bile Duct	Hepatocellular Adenoma	
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Vacuolization Cytoplasmic	Mild
		[Hepatocellular Adenoma TGLS = 2-1]	
		[Inflammation TGLS = 5-1]	
		[Vacuolization Cytoplasmic TGLS = 1-1+2]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 4-9]	
* Spleen		Hemangiosarcoma	Metastatic (Bone Marrow)
* Thymus		Atrophy	Moderate
* Urin Bladder			

Note: bladder dilated, not true lesion, but corresponds to tgl 3-4

PRIMARY CAUSE OF DEATH

- Brain Neuron Necrosis

CONTRIBUTORY CAUSE OF DEATH

- Bone Marrow Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 548

DOSE: 364 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Thymus
--------------------------	----------

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
Note: deformity; rounded bulge appears to have been cause for TGL 5-10			
[Hepatocellular Carcinoma TGLS = 3-10]			
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-9]			
[Lymphoma Malignant TGLS = 9-10,8-7]			
* Preputial Gland	Duct	Cyst	Marked
[Cyst TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Lymph Node Mediastinal Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Clear Cell Focus

Hyperplasia

Inflammation

Mild

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia
Inflammation

Multiple
Multiple
Mild
Chronic Active, Mild

[Hepatocellular Adenoma TGLS = 5-9]

[Hepatocellular Carcinoma TGLS = 3-9,4-1]

Bile Duct

* Lung

Hepatocellular Carcinoma

Metastatic (Liver)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 561

DOSE: 364 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland * Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart	Atrium	Thrombosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	[Hepatocellular Carcinoma TGLS = 1-1+9,2-9]		
* Lung		Inflammation	Mild
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Mild

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Eosinophilic Focus
Hepatocellular Carcinoma
Hyperplasia
Inflammation

Moderate
Chronic Active, Moderate

[Hepatocellular Carcinoma TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 572

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mandibular
* Nose	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
--------------------------	-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Pigmentation	Hemosiderin, Marked
	Glomerulus	Thrombosis	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 2-9]		
* Lung		Thrombosis	Moderate
* Pancreas		Necrosis	Mild
* Preputial Gland	Duct	Cyst	Moderate
* Salivary Glands		Necrosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 1-1]		
* Stomach, Forestomach		Hyperplasia	Focal, Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 644
DOSE: 364 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9203530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Duodenum	* Mammary Gland	* Parathyroid Gland	* Preputial Gland
* Thymus			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
Note: area of anaplastic sarcoma-like change in the carcinoma [Hepatocellular Carcinoma TGLS = 4,5-9+1+2] [Inflammation TGLS = 5-1+2+9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas			
Note: edema present			
* Prostate		Degeneration	Moderate
* Seminal Vesicle		Degeneration	Marked
[Degeneration TGLS = 2-8]			
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-1]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hepatocellular Adenoma

Multiple

Hyperplasia

Minimal

Inflammation

Chronic Active, Mild

[Hepatocellular Adenoma TGLS = 2,3-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma

[Hepatocellular Adenoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus

Hepatocellular Adenoma

Hepatocellular Carcinoma

Multiple

Bile Duct

Hyperplasia

Mild

Inflammation

Chronic Active, Moderate

[Hepatocellular Adenoma TGLS = 2-10]

[Hepatocellular Carcinoma TGLS = 2-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 718

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
--------------------------	-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Carcinoma TGLS = 2-9]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
		Pigmentation	Hemosiderin, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 5-2]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Preputial Gland	Duct	Cyst	Marked
	[Cyst TGLS = 4-6]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 3-1]		
* Thyroid Gland	Follicular Cel	Adenoma	
	[Adenoma TGLS = 1-2]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus

Hematopoietic Cell Proliferation

Mild

Hepatocellular Adenoma

Hepatocellular Carcinoma

Bile Duct

Hyperplasia

Minimal

Inflammation

Chronic Active, Mild

[Hepatocellular Adenoma TGLS = 1-9]

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Mild

Inflammation

Chronic Active, Moderate

Mixed Cell Focus

[Inflammation TGLS = 2-9]

[Mixed Cell Focus TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 687

DOSE: 364 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
-----------------	-------------------	----------

OBSERVATIONS

* Liver		Hepatocellular Carcinoma Necrosis	Marked
	[Hepatocellular Carcinoma TGLS = 1-11]		
* Lung	Alveolar Epith	Hepatocellular Carcinoma Hyperplasia	Metastatic (Liver) Mild
	[Hepatocellular Carcinoma TGLS = 2,3-9]		
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 4-10]		
* Pancreas		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma

Inflammation

Chronic Active, Minimal

[Hepatocellular Adenoma TGLS = 2-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus

Hepatocellular Adenoma

Hepatocellular Carcinoma

Hyperplasia

Inflammation

Multiple

Moderate

Chronic Active, Moderate

Bile Duct

[Hepatocellular Adenoma TGLS = 1-9]

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hemangiosarcoma

Multiple

Hepatocellular Adenoma

Hepatocellular Carcinoma

Bile Duct

Hyperplasia

Marked

Inflammation

Chronic Active, Moderate

[Hemangiosarcoma TGLS = 3-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 636

DOSE: 364 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

Blood Vessel	Aorta	Inflammation	Chronic Active, Marked
* Brain	Artery	Inflammation	Chronic Active, Mild
		Inflammation	Mild
* Epididymis	Artery	Inflammation	Chronic Active, Mild
* Heart		Degeneration	Mild
* Kidney	Artery	Inflammation	Chronic Active, Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	[Basophilic Focus TGLS = 4-9]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-9]		
Lymph Node	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-10]		
* Preputial Gland	Duct	Cyst	Marked
	[Cyst TGLS = 1-6]		
* Prostate	Artery	Inflammation	Chronic Active, Marked
* Skin	Epidermis, SOA	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 636

DOSE: 364 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203542

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Clear Cell Focus

Hepatocellular Adenoma

Hyperplasia

Inflammation

Thrombosis

Mild

Chronic Active, Moderate

Marked

[Hepatocellular Adenoma TGLS = 2-9]

[Inflammation TGLS = 2-1+2+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hepatocellular Carcinoma
Hyperplasia
Inflammation

Multiple
Moderate
Chronic Active, Moderate

[Hepatocellular Carcinoma TGLS = 2-1+9+10]

* Lung

Hepatocellular Carcinoma

Metastatic (Liver)

[Hepatocellular Carcinoma TGLS = 3-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203545

OBSERVATIONS

* Liver

Basophilic Focus

Inflammation

Chronic Active, Minimal

[Basophilic Focus TGLS = 2-10]

* Skin

SOA, Subcut Tiss

Hemangioma

[Hemangioma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hepatocellular Adenoma

Multiple

Hyperplasia

Moderate

Inflammation

Chronic Active, Moderate

[Hepatocellular Adenoma TGLS = 1-1+2]

[Inflammation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia
Inflammation

Multiple
Moderate
Chronic Active, Moderate

[Hepatocellular Adenoma TGLS = 1-1]

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hemangiosarcoma

Multiple

Hepatocellular Adenoma

Hepatocellular Carcinoma

Bile Duct

Hyperplasia

Moderate

Inflammation

Chronic Active, Moderate

[Hemangiosarcoma TGLS = 1-9]

[Hepatocellular Adenoma TGLS = 1-9]

* Lung

Hepatocellular Carcinoma

Metastatic (Liver)

[Hepatocellular Carcinoma TGLS = 3-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

Inflammation

Chronic Active, Minimal

Mixed Cell Focus

[Mixed Cell Focus TGLS = 3-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 612

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	Metastatic (Spleen)
	Bile Duct	Hepatocellular Adenoma	
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
[Hemangiosarcoma TGLS = 1-1+2+10]			
[Hepatocellular Adenoma TGLS = 1-10]			
[Inflammation TGLS = 1-1+2+10]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
[Hemangiosarcoma TGLS = 2-1+9]			

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus

Hepatocellular Adenoma

Multiple

Hepatocellular Carcinoma

Bile Duct

Hyperplasia

Mild

Inflammation

Chronic Active, Mild

[Hepatocellular Adenoma TGLS = 3-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hepatocellular Adenoma

Hyperplasia

Inflammation

Moderate

Chronic Active, Marked

[Inflammation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia
Inflammation

Marked
Chronic Active, Marked

[Hepatocellular Adenoma TGLS = 1-2]

[Hepatocellular Carcinoma TGLS = 1-9]

[Inflammation TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma

Multiple

Hepatocellular Carcinoma

Bile Duct

Hyperplasia

Moderate

Inflammation

Chronic Active, Marked

[Hepatocellular Carcinoma TGLS = 1-9]

[Inflammation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

Inflammation

Chronic Active, Minimal

Osteosarcoma

Metastatic (Uncertain Primary Site)

[Osteosarcoma TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 136

TRT#: 5
DOSE: 364 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 9203556

OBSERVATIONS

* Liver

Mixed Cell Focus

* Skin

Epidermis, SOA
Epidermis, SOA

Hyperkeratosis
Hyperplasia

Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Clear Cell Focus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203558

OBSERVATIONS

* Liver

Bile Duct

Hemangiosarcoma
Hepatocellular Adenoma
Hyperplasia
Inflammation
Mixed Cell Focus

Multiple
Moderate
Chronic Active, Moderate

[Hemangiosarcoma TGLS = 1-1]

[Hepatocellular Adenoma TGLS = 1-1+9]

* Skin

Epidermis, SOA

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium xylenesulfonate

CAS Number: 1300-72-7

Date Report Requested: 10/19/2014

Time Report Requested: 12:54:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 364 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 2-10]		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-1+2+9]			
* Skin	Subcut Tiss	Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-11]			

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 506

DOSE: 364 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
[Hepatocellular Carcinoma TGLS = 3,4-9]			
[Inflammation TGLS = 2,5-1+2+9]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-1]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Mild

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver Hepatocellular Carcinoma

[Hepatocellular Carcinoma TGLS = 1-9]

* Lung Hepatocellular Carcinoma Metastatic (Liver)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203564

OBSERVATIONS

* Liver
[Infarct TGLS = 1-2]

Infarct

Marked

* Skin
Epidermis, SOA

Exudate

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus

Inflammation

Chronic Active, Minimal

Lymphoma Malignant

[Lymphoma Malignant TGLS = 3,4-1]

* Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 2-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Mild

Inflammation

Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Eosinophilic Focus

Hyperplasia

Inflammation

Moderate

Chronic Active, Moderate

[Inflammation TGLS = 3-1+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia
Inflammation
Necrosis

Multiple
Moderate
Chronic Active, Moderate
Minimal

[Hepatocellular Adenoma TGLS = 1-2]

[Hepatocellular Carcinoma TGLS = 1-1+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Bile Duct

Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia
Inflammation
Mixed Cell Focus

Multiple
Multiple
Moderate
Chronic Active, Moderate

[Hepatocellular Adenoma TGLS = 1-1+9]

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203570

OBSERVATIONS

* Liver		Eosinophilic Focus Hemangiosarcoma Lymphoma Malignant
[Lymphoma Malignant TGLS = 4-1+2+10]		
* Skin	SOA, Subcut Tiss SOA, Subcut Tiss	Hemangiosarcoma Lymphoma Malignant
[Hemangiosarcoma TGLS = 6-9]		
[Lymphoma Malignant TGLS = 6-9]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland [Carcinoma TGLS = 5-12]		Carcinoma	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hepatocellular Adenoma	Multiple
		Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
[Hepatocellular Adenoma TGLS = 1,2-9+10]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-11]			
* Pancreas		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 634

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Marked
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 2-9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemangioma	
[Hemangioma TGLS = 3-4]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Hemangioma
CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-1]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	Ear	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
[Hepatocellular Carcinoma TGLS = 2-1]			
* Parathyroid Gland		Cyst	Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-9]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 2-10]			
* Liver	Bile Duct	Hepatocellular Adenoma	Multiple
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
[Hepatocellular Adenoma TGLS = 1-1+9]			
[Inflammation TGLS = 1-1+2+9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
[Hepatocellular Adenoma TGLS = 2-1+9]			
[Inflammation TGLS = 2-1+2+9]			
* Preputial Gland	Duct	Cyst	Marked
[Cyst TGLS = 1-6]			
* Stomach, Forestomach		Hyperplasia	Focal, Marked
Note: multiple focal lesions, often around ulcerated cores			
[Hyperplasia TGLS = 3-4+10]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 569

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Spleen

OBSERVATIONS

Blood Vessel	Aorta	Inflammation	Chronic Active, Marked
* Kidney		Hydronephrosis	Marked
	Artery	Inflammation	Chronic Active, Moderate
[Hydronephrosis TGLS = 1-9]			
Mesentery		Hemorrhage	Marked
	Artery	Inflammation	Chronic Active, Marked
Note: hemorrhage and clot in area of ureters			
* Prostate	Artery	Inflammation	Chronic Active, Marked
* Urin Bladder			
Note: marked simple dilatation present			

PRIMARY CAUSE OF DEATH

- Kidney Hydronephrosis

CONTRIBUTORY CAUSE OF DEATH

- Mesentery Artery Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Thrombosis	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-1]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 707

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* 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, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Medulla Note: bilateral		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
		Nephropathy	Minimal
Note: heterotopic bone present			
* Liver		Eosinophilic Focus	
	Bile Duct	Hepatocellular Carcinoma	Multiple
		Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
[Hepatocellular Carcinoma TGLS = 1-1+2+9]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Adenoma TGLS = 5-11]			
[Hepatocellular Carcinoma TGLS = 2,3,4,5-10+10+2+11]			
* Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 160	TRT#: 7	SEX: Male	DAY ON TEST: 543
	DOSE: 727 MG/KG	DISP: Natural Death	HISTO: 9203430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
	Necrosis	Moderate
[Hepatocellular Carcinoma TGLS = 2-9]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-2]		
* Spleen	Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Hemangiosarcoma	Metastatic (Spleen)
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	Metastatic (Spleen)
	Bile Duct	Hepatocellular Carcinoma	
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Carcinoma TGLS = 1-9]		
	[Inflammation TGLS = 3-2]		
* Lung		Hemangiosarcoma	Metastatic (Spleen)
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Minimal
	[Hemangiosarcoma TGLS = 2-1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162	TRT#: 7	SEX: Male	DAY ON TEST: 735
	DOSE: 727 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	[Hepatoblastoma TGLS = 1-9]		
	[Hepatocellular Carcinoma TGLS = 1-1+2]		
* Lung		Hepatoblastoma	Metastatic (Liver)
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Mild
	[Hyperplasia TGLS = 2-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164

TRT#: 7

SEX: Male

DAY ON TEST: 721

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* 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, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-7]			
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Hepatocellular Carcinoma TGLS = 2-1+2+9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-1]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate

[Hepatocellular Adenoma TGLS = 1-1]

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Adenoma TGLS = 1-1+9]		
	[Inflammation TGLS = 1-1+2]		
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
* Skin	Epidermis, SOA	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 2-1+9]		
	[Hepatocellular Carcinoma TGLS = 2-2+9]		
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	[Hematopoietic Cell Proliferation TGLS = 1-1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	[Hepatocellular Adenoma TGLS = 1-1+9]		
	[Inflammation TGLS = 1-1+2+9]		
* Pituitary Gland		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Cortex			
Note: only 1 adrenal on slide			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Hepatocellular Adenoma TGLS = 2-1]			
[Inflammation TGLS = 3-9]			
* Preputial Gland	Duct	Cyst	Marked
[Cyst TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Adenoma TGLS = 1-9]		
	[Hepatocellular Carcinoma TGLS = 1-1]		
* Lung		Hepatoblastoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 691

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Mineralization	Minimal
* Kidney		Mineralization	Mild
* Liver		Hemangiosarcoma	Metastatic (Spleen)
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Necrosis	Marked
[Hemangiosarcoma TGLS = 2-1+9]			
[Hepatocellular Adenoma TGLS = 2-9]			
[Hepatocellular Carcinoma TGLS = 2-9]			
[Inflammation TGLS = 2-1+2+9]			
* Lymph Node, Mesenteric		Hemangiosarcoma	Metastatic (Spleen)
[Hemangiosarcoma TGLS = 3-4]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-1]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 691

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203441

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-10]			
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hepatocellular Carcinoma	
		Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-1+9]			
[Hepatocellular Carcinoma TGLS = 2-9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-2]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203442

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	Metastatic (Spleen)
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
[Hemangiosarcoma TGLS = 2-1+2+9]			
[Hepatocellular Adenoma TGLS = 2-9]			
[Inflammation TGLS = 2-1+2+9]			
Mesentery	Vein	Thrombosis	Mild
* Pituitary Gland		Cyst	Minimal
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
[Hemangiosarcoma TGLS = 1-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	[Hepatocellular Adenoma TGLS = 2-9]		
	[Hepatocellular Carcinoma TGLS = 1-1,3-10]		
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Ileum	* Lymph Node, Mandibular	* Mammary Gland	* Preputial Gland
--------------------------	--------------------------	-----------------	-------------------

OBSERVATIONS

* Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 1-1+2+9]		
* Lung		Alveolar/Bronchiolar Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* 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

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
[Hemangiosarcoma TGLS = 2-1+9]			
[Hepatocellular Carcinoma TGLS = 2-1+2+9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Epididymis		Granuloma Sperm	Mild
* Heart	Artery	Inflammation	Chronic Active, Mild
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate

[Hepatocellular Adenoma TGLS = 1-1,1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 712

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Kidney		Glomerulosclerosis	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
		Necrosis	Marked
	[Hepatocellular Carcinoma TGLS = 1-1+2+9]		
	[Inflammation TGLS = 1-1+2+9]		
* Stomach, Glandular		Erosion	Moderate
		Mineralization	Mild
	[Erosion TGLS = 2-4+10]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
		Mixed Cell Focus	
[Hepatocellular Carcinoma TGLS = 1-9]			
[Inflammation TGLS = 1-1+2+9]			
Lymph Node	Mediastinal	Angiectasis	Marked
[Angiectasis TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 707

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular	* Nose
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
Ear		Inflammation	Moderate
[Inflammation TGLS = 2-10]			
* Intestine Small, Jejunum		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
[Lymphoma Malignant TGLS = 9-13]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-14]			
[Lymphoma Malignant TGLS = 4-11]			
[Lymphoma Malignant TGLS = 5-12]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-15]			
* Pancreas		Atrophy	Mild
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180	TRT#: 7	SEX: Male	DAY ON TEST: 707
	DOSE: 727 MG/KG	DISP: Moribund Sacrifice	HISTO: 9203450

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Epidermis, SOA	Exudate	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	Epidermis, SOA	Ulcer	Moderate
	[Exudate TGLS = 1-9]		
	[Hyperplasia TGLS = 1-9]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 3-1]		
	[Lymphoma Malignant TGLS = 3-1]		
* Thymus		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-7]		

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Ileum	* Mammary Gland	* Parathyroid Gland
--------------------------	-----------------	---------------------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Granuloma Sperm	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Carcinoma TGLS = 1-1+9]		
	[Inflammation TGLS = 1-1+2+9]		
* Lung		Lymphoma Malignant	
* Lym Node Mesen			
Note: nodes are large, but not clearly filled with malig cells			
Lymph Node	Pancreatic	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-10]		
* Seminal Vesicle		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-1]		
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203451

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate

[Hepatocellular Adenoma TGLS = 1-1+9]

[Inflammation TGLS = 1-1+2+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	[Clear Cell Focus TGLS = 2-1]		
	[Hepatocellular Adenoma TGLS = 1,2-10+9]		
* Nose		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 664

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
--------------------------	-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Marked
* Kidney		Glomerulosclerosis	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Necrosis	Mild
	[Hepatocellular Adenoma TGLS = 1-1]		
	[Hepatocellular Carcinoma TGLS = 1-9]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Heart Atrium Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 631

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Lymphoma Malignant	
* Heart		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Hemangioma	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
	[Hemangioma TGLS = 12-9]		
	[Hepatocellular Adenoma TGLS = 7-1]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 9-2]		
	[Hyperplasia TGLS = 8-10]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 11-4]		
Mesentery		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-11]		
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Intermed	Hyperplasia	Mild
* Prostate		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186	TRT#: 7	SEX: Male	DAY ON TEST: 631
	DOSE: 727 MG/KG	DISP: Moribund Sacrifice	HISTO: 9203456

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-12]			
* Skin	Subcut Tiss	Edema	Marked
[Edema TGLS = 1-6]			
* Spleen	Lymph Follic	Depletion Cellular	Marked
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-1]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

Animal Note: lymphoid cells surround most abdominal organs

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Epididymis	Artery	Inflammation	Chronic Active, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 1-1]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Intermed	Hyperplasia	Mild
* Stomach, Glandular	Artery	Inflammation	Chronic Active, Minimal
* Testes	Artery	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Moderate
Harderian Gland		Hyperplasia	Mild
* Intestine Small, Jejunum		Hyperplasia	Minimal
[Lymphoma Malignant TGLS = 3-9]		Lymphoma Malignant	
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
[Hepatocellular Carcinoma TGLS = 2-10]		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 1-10]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain	Corpus Calosum	Degeneration	Mild
* Heart		Degeneration	Minimal
* Kidney		Glomerulosclerosis	Marked
		Nephropathy	Minimal
		Pigmentation	Hemosiderin, Mild
[Pigmentation TGLS = 1-1]			
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
[Hepatocellular Carcinoma TGLS = 2-9]			
[Inflammation TGLS = 2-1+2+9]			
* Salivary Glands		Atrophy	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 621

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
--------------------------	-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Liposarcoma	Metastatic (Mesentery)
* Liver	Bile Duct	Hepatocellular Carcinoma	Multiple
		Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Carcinoma TGLS = 1,2,3,4,5-11+1+12+1+13]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 7-2]		
Mesentery		Liposarcoma	Multiple
	[Liposarcoma TGLS = 8-10]		
* Pancreas		Atrophy	Minimal
		Liposarcoma	Metastatic (Mesentery)
* Prostate		Liposarcoma	Metastatic (Mesentery)
Skeletal Muscle		Liposarcoma	Metastatic (Mesentery)
	[Liposarcoma TGLS = 6-9]		
* Spleen		Liposarcoma	Metastatic (Mesentery)

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Mesentery Liposarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 621

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203460

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191	TRT#: 7	SEX: Male	DAY ON TEST: 734
	DOSE: 727 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-9]			
* Preputial Gland	Duct	Cyst	Moderate
[Cyst TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 1-1+9]		
	[Inflammation TGLS = 1-1+2+9]		
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 457

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
	[Hepatocellular Carcinoma TGLS = 2-9]		
	[Inflammation TGLS = 3-1+2+10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 1-1]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-9]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 4-9]			
[Hepatocellular Carcinoma TGLS = 5-9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Pancreas		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203464

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 658

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hepatocellular Carcinoma	Multiple
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Carcinoma TGLS = 1-1+2+9]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 3-2]		
* Preputial GI			
	Note: only 1 preputial trimmed for exam		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-1]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
--------------------------	-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-2]		
* Preputial Gland	Duct	Cyst	Moderate
	[Cyst TGLS = 1-6]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes		Atrophy	Marked
	[Atrophy TGLS = 2-6]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 197 TRT#: 7 SEX: Male DAY ON TEST: 735
DOSE: 727 MG/KG DISP: Terminal Sacrifice HISTO: 9203467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Adenoma TGLS = 1-1]		
	[Inflammation TGLS = 1-1+2+9]		
* Lung	Alveolar Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 712

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Glomerulosclerosis	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
	[Hepatocellular Carcinoma TGLS = 1-10]		
	[Inflammation TGLS = 1-1+2+10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 3-2]		
Skeletal Muscle		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 2-9]		
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	
	Inflammation	Chronic Active, Minimal
	Necrosis	Minimal
[Eosinophilic Focus TGLS = 2-9]		
[Hepatocellular Carcinoma TGLS = 1-1]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 3-2,4-10]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-11]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 585

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Moderate
		Necrosis	Mild
Note: tumor is congested, infarcted			
[Hepatocellular Adenoma TGLS = 1-9]			
* Preputial Gland	Duct	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 2-8]			
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Minimal
		Eosinophilic Focus	
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 202

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-1]			
* Pancreas		Atrophy	Marked
	Duct	Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
	Follicular Cel	Hyperplasia	Minimal
* Uterus	Lymphatic	Angiectasis	Moderate
		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 203

TRT#: 2

SEX: Female

DAY ON TEST: 292

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9203373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart	Mineralization	Minimal
* Kidney	Pigmentation	Mild
* Ovary	Hemorrhage	Marked
Note: only 1 ovary on slide [Hemorrhage TGLS = 1-6]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Ovary Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain			
Note: moderate compression and hydrocephalus due to pit tumor			
* Liver		Hepatocellular Adenoma Necrosis	Minimal
[Hepatocellular Adenoma TGLS = 1-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]			
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 205

TRT#: 2

SEX: Female

DAY ON TEST: 495

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Brain	Neuron	Necrosis	Mild
* Islets, Pancreatic		Carcinoma	
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

- Islets, Pancreatic Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Brain Neuron Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-8]			
* Skin	SOA	Inflammation	Chronic, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 207

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Marked
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
* Lung	Bronchiole	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus	Lymphatic	Cyst	Marked

[Cyst TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 9203378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Intestine Small, Jejunum [Lymphoma Malignant TGLS = 2-8]		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus [Hyperplasia TGLS = 1-6]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 209

TRT#: 2

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 6-11]			
* Kidney		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 4-9]			
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-10]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
* Ovary		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	SOA, Subcut Tiss	Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-1]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Skin SOA Subcut Tiss Inflammation

CONTRIBUTORY CAUSE OF DEATH - Ovary Inflammation

Animal Note: possible ovarian abscess which ruptured through to skin

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210	TRT#: 2	SEX: Female	DAY ON TEST: 680
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9203380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-8]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-2]		
* Lymph Node, Mesenteric	Inflammation	Suppurative, Marked
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 211

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 659
HISTO: 9203381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland * Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
		Nephropathy	Mild
		Pigmentation	Moderate
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-2+8]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 2-2]		
* Lymph Node, Mesenteric		Angiectasis	Mild
	[Angiectasis TGLS = 3-4]	Hematopoietic Cell Proliferation	Mild
Mesentery		Inflammation	Moderate
* Ovary			
	Note: only 1 ovary on slide		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 212

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-1]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 213

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 742
HISTO: 9203383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Thymus

OBSERVATIONS

* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-1]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 214

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 9203384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adren Cortex			
Note: cyst in capsule			
Harderian Gland	Bilateral	Adenoma	
[Adenoma TGLS = 1-8]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2]		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-2]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 215

TRT#: 2

SEX: Female

DAY ON TEST: 670

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9203385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Eye	Cornea	Inflammation	Minimal
[Inflammation TGLS = 4-8]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 5-8]			
* Liver		Hemangioma	
[Hemangioma TGLS = 2-1]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen			
Note: spleen is contracted with few RBCs in sinusoids			
* Thymus		Atrophy	Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

- Liver Hemangioma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 216

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 679
HISTO: 9203386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Histiocytic Sarcoma	
		Mineralization	Minimal
* Kidney		Histiocytic Sarcoma	
* Liver		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 2-1+2]		
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
Mesentery		Histiocytic Sarcoma	
* Ovary		Cyst	Marked
	[Cyst TGLS = 4-6]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
	[Hematopoietic Cell Proliferation TGLS = 1-1]		
	[Histiocytic Sarcoma TGLS = 3-8]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 216

TRT#: 2

SEX: Female

DAY ON TEST: 679

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9203386

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 217

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-1]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218	TRT#: 2	SEX: Female	DAY ON TEST: 742
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 219

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain			
Note: ventral compression and hydrocephalus noted due to pit tumor			
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hemangioma	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[Hemangioma TGLS = 2-9]			
[Mixed Cell Focus TGLS = 4-10]			
Lymph Node	Mediastinal	Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Adenoma	
[Adenoma TGLS = 3-7]			
[Adenoma TGLS = 3-7]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 219

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203389

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 220

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 1-1]		
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 221

TRT#: 2

SEX: Female

DAY ON TEST: 621

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Brain			
Note: ventral compression, hydrocephalus due to pit tumor			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-8]			
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Cytoplasmic Alteration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Adenoma	Multiple
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 222

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Thymus

OBSERVATIONS

Harderian Gland		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 1,2,3-1+8+9]			
* Ovary			
Note: only 1 ovary on slide			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 4-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant
* Gallbladder		Lymphoma Malignant
* Kidney		Lymphoma Malignant
* Liver		Hepatocellular Carcinoma
		Lymphoma Malignant
[Hepatocellular Carcinoma TGLS = 4-10]		
* Lung		Lymphoma Malignant
Lymph Node	Bronchial	Lymphoma Malignant
	Lumbar	Lymphoma Malignant
	Mediastinal	Lymphoma Malignant
	Renal	Lymphoma Malignant
[Lymphoma Malignant TGLS = 2-8]		
[Lymphoma Malignant TGLS = 5-11]		
[Lymphoma Malignant TGLS = 3-9]		
* Lymph Node, Mandibular		Lymphoma Malignant
* Lymph Node, Mesenteric		Lymphoma Malignant
* Ovary		Lymphoma Malignant
* Pancreas		Lymphoma Malignant
* Salivary Glands		Lymphoma Malignant
* Spleen		Lymphoma Malignant
[Lymphoma Malignant TGLS = 1-1]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203393

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Lymphoma Malignant

* Urinary Bladder

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

-

Animal Note: lymphoma in miscellaneous additional tissues

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 224

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
Note: heterotopic bone noted			
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
[Hepatocellular Carcinoma TGLS = 1-1+2+8]			
* Ovary			
Note: only 1 ovary on slide			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Hepatocellular Adenoma Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 3-8]			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 226

TRT#: 2

SEX: Female

DAY ON TEST: 620

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Hepatocholangiocarcinoma	
[Hepatocholangiocarcinoma TGLS = 4-1+8]			
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
Lymph Node	Mediastinal	Hepatocholangiocarcinoma	Metastatic (Liver)
Mesentery		Hepatocholangiocarcinoma	Metastatic (Liver)
Note: hepatocholangiocarcinoma attached to multiple serosal surfaces			
[Hepatocholangiocarcinoma TGLS = 2-9]			
* Pancreas		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 2-9]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 227

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-10]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA	Inflammation	Chronic, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 228

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 9203398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-8,3-1]			
[Mixed Cell Focus TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 229

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 1-8]		
	[Mixed Cell Focus TGLS = 2-1]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 3-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 230

TRT#: 2

SEX: Female

DAY ON TEST: 621

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* 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
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Brain		Histiocytic Sarcoma	
* Heart		Mineralization	Minimal
* Kidney		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-1+2]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 1-1]			
[Histiocytic Sarcoma TGLS = 1-1]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Animal Note: histiosarcoma in most organs and blood vessels to some degree

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 231

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 2-1+2+8]			
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-1]			
[Lymphoma Malignant TGLS = 1-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 453

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* 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

Harderian Gland [Carcinoma TGLS = 1-8]		Carcinoma	
* Kidney		Nephropathy	Minimal
* Lung [Carcinoma TGLS = 2-2]		Carcinoma	Metastatic (Harderian Gland)
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 233

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Angiectasis	Moderate
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 234

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland	* Thymus
------------------	----------

OBSERVATIONS

* Intestine Small, Jejunum [Lymphoma Malignant TGLS = 4-8]		Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 2,3-9+1]		Hepatocellular Adenoma Mixed Cell Focus	Multiple
* Ovary [Cyst TGLS = 1-6]		Cyst	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: minor lymphoid infiltrates in numerous tissues may be lymphoma from gut

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 235

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9203405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Small, Jejunum	* Parathyroid Gland	* Thymus
----------------------------	---------------------	----------

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Heart	Mineralization	Minimal
* Kidney		
Note: nuclear debris, possibly from liver carc, present as thrombi in glomeruli		
* Liver	Hepatocellular Carcinoma Pigmentation	Multiple Hemosiderin, Moderate
[Hepatocellular Carcinoma TGLS = 2-2+8]		
* Ovary		
Note: marked congestion		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-1]		
* Uterus	Polyp Stromal	

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 236

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-8]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-9]		
* Ovary		Teratoma Benign	
	[Teratoma Benign TGLS = 1-6]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA	Inflammation	Chronic, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 659

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Mild
	Bile Duct	Hyperplasia	Moderate
		Mixed Cell Focus	
[Cyst TGLS = 1-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Cyst	Marked
[Cyst TGLS = 2-6]			
* Pancreas		Atrophy	Marked
	Duct	Cyst	Marked
[Cyst TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Pancreas Duct Cyst

CONTRIBUTORY CAUSE OF DEATH - Pancreas Atrophy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 238

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
	Mixed Cell Focus	
[Hepatocellular Carcinoma TGLS = 2-1]		
[Mixed Cell Focus TGLS = 1-2+8]		
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 1-8]			
[Mixed Cell Focus TGLS = 2,3,4-1+9+8]			
* Ovary		Cyst	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 240

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 499
HISTO: 9203410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart	Histiocytic Sarcoma Mineralization	Minimal
* Kidney	Histiocytic Sarcoma	
* Liver	Hepatocellular Carcinoma Histiocytic Sarcoma	
[Hepatocellular Carcinoma TGLS = 3-1]		
[Histiocytic Sarcoma TGLS = 2-1+2]		
* Lung	Hemorrhage Histiocytic Sarcoma	Mild
[Hemorrhage TGLS = 4-2]		
* Lymph Node, Mandibular	Histiocytic Sarcoma	
* Lymph Node, Mesenteric	Histiocytic Sarcoma	
* Spleen	Hematopoietic Cell Proliferation Histiocytic Sarcoma	Marked
[Hematopoietic Cell Proliferation TGLS = 1-1]		
[Histiocytic Sarcoma TGLS = 1-1]		
* Stomach, Glandular	Histiocytic Sarcoma	
* Thymus	Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Animal Note: histiosarc in many blood vessels and misc organs

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 692
HISTO: 9203411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Inflammation	Chronic Active, Minimal
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
		Lymphoma Malignant	
Note: TGL-5: misc lymph node from uterine region			
			[Lymphoma Malignant TGLS = 5-10]
			[Lymphoma Malignant TGLS = 2-8]
			[Lymphoma Malignant TGLS = 4-2+7]
			[Lymphoma Malignant TGLS = 3-9]
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
			[Lymphoma Malignant TGLS = 6-4]
Mesentery		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
			[Hematopoietic Cell Proliferation TGLS = 1-1]
* Thymus		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 692

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9203411

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lymph Node Mediastinal Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 242	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1-6]			
* Pituitary Gland		Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 2-7]			
[Hyperplasia TGLS = 2-7]			
* Skin	SOA	Inflammation	Chronic, Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 243	TRT#: 2	SEX: Female	DAY ON TEST: 740
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 2-1,3-8]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 1-7]		
* Thymus		Hyperplasia	Lymphoid, Marked
	[Hyperplasia TGLS = 5-10]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 244

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 742
HISTO: 9203414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 5-10]			
[Hepatocellular Carcinoma TGLS = 2-1]			
[Mixed Cell Focus TGLS = 3-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
		Pigmentation	Hemosiderin, Moderate
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 740

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 589

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain	Neuron	Necrosis	Minimal
* Intestine Small, Duodenum		Inflammation	Mild
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 1-8]			
* Liver		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
* Lung		Inflammation	Minimal
* Ovary		Metaplasia	Moderate
Note: heterotopic bone or part of teratoma present			
* Pancreas		Inflammation	Mild
Note: interlobular edema noted			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Islets, Pancreatic Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 247

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 701
HISTO: 9203417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	[Hepatocellular Carcinoma TGLS = 2-1]		
* Lung		Pigmentation	Hemosiderin, Mild
Note: pigment-laden macrophages			
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 4-7]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperplasia	Focal, Mild
	[Hyperplasia TGLS = 5-8]		
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 248

TRT#: 2

SEX: Female

DAY ON TEST: 461

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9203418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal
	Necrosis	Mild
* Uterus	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

- Liver Necrosis

Animal Note: Cause of hepatic necrosis not found.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 249

TRT#: 2

SEX: Female

DAY ON TEST: 722

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Necrosis	Minimal
		[Eosinophilic Focus TGLS = 7,8-1]	
		[Hepatocellular Adenoma TGLS = 6-11]	
* Lung		Fibrosarcoma	Metastatic (Skin)
Lymph Node	Thoracic	Fibrosarcoma	Metastatic (Skin)
		[Fibrosarcoma TGLS = 3,4-10+10]	
* Mammary Gland		Hyperplasia	Moderate
* Salivary Glands		Atrophy	Mild
* Skin	Subcut Tiss	Fibrosarcoma	
		[Fibrosarcoma TGLS = 1,2-8+9]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		[Hematopoietic Cell Proliferation TGLS = 5-1]	

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-1]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Epidermis, SOA	Exudate	Mild
	Epidermis, SOA	Hyperplasia	Mild
[Exudate TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 251

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

MISSING

* Thyroid Gland

OBSERVATIONS

* Liver

Eosinophilic Focus

Hepatocellular Adenoma

Multiple

Hepatocellular Carcinoma

Inflammation

Chronic Active, Minimal

Necrosis

Mild

[Hepatocellular Adenoma TGLS = 2,5-1]

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 252

TRT#: 4

SEX: Female

DAY ON TEST: 674

DOSE: 182 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain			
Note: severe ventral compression due to pit tumor			
* Heart		Degeneration	Minimal
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-8]			
* Pancreas	Duct	Cyst	Marked
[Cyst TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Hepatocellular Carcinoma

Necrosis

Minimal

[Hepatocellular Carcinoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254	TRT#: 4	SEX: Female	DAY ON TEST: 741
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Skin

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255

TRT#: 4

SEX: Female

DAY ON TEST: 446

DOSE: 182 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-1]			
* Skin	Epidermis, SOA	Exudate	Minimal
	SOA, Subcut Tiss	Fibrosarcoma	
	Epidermis, SOA	Hyperplasia	Mild
	Epidermis, SOA	Ulcer	Mild
Note: Hyperplasia, ulcer on soa, not ass'd with tumor.			
[Fibrosarcoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

- Skin SOA Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 256

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus

Hepatocellular Adenoma

Inflammation

Chronic Active, Minimal

Note: NO CORRELATING LESION FOR TGL 4-8.

[Eosinophilic Focus TGLS = 3-8]

[Hepatocellular Adenoma TGLS = 2-1]

* Thyroid Gland

Follicular Cel

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 257

TRT#: 4

SEX: Female

DAY ON TEST: 636

DOSE: 182 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* 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, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland	* Esophagus	* Parathyroid Gland
------------------	-------------	---------------------

OBSERVATIONS

* Brain		Carcinoma	Metastatic (Harderian Gland)
Eye		Carcinoma	Metastatic (Harderian Gland)
Note: invasive destruction of left eye			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-8]			
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Lymph Node, Mandibular		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 2-3]			
* Skin	Epidermis, SOA	Exudate	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Inflammation

Chronic Active, Minimal

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 259

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 260

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 262

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Eosinophilic Focus

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 263

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Hepatocellular Carcinoma

Inflammation

Chronic Active, Minimal

[Hepatocellular Carcinoma TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 265

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 182 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Clitoral Gland		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]			
Mesentery		Lymphoma Malignant	
* Nose		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Lymphoma Malignant	
* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-1]			
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 265

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 182 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203685

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Lymphoma Malignant	
		Polyp Stromal	

PRIMARY CAUSE OF DEATH - Lymph Node, Mandibular Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 266

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma

Multiple

Inflammation

Chronic Active, Minimal

[Hepatocellular Adenoma TGLS = 2,3-9]

* Thyroid Gland

Follicular Cel

Hyperplasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 268

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Hepatocellular Adenoma

[Hepatocellular Adenoma TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 269

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203689

OBSERVATIONS

* Liver
[Clear Cell Focus TGLS = 2-1]
[Hepatocellular Adenoma TGLS = 2-3]
* Skin SOA
* Thyroid Gland Follicular Cel

Clear Cell Focus
Hepatocellular Adenoma
Inflammation
Adenoma

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 270	TRT#: 4	SEX: Female	DAY ON TEST: 538
	DOSE: 182 MG/KG	DISP: Natural Death	HISTO: 9203690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-1]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 271

TRT#: 4

SEX: Female

DAY ON TEST: 24

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

Eye Note: cataract, plus general atrophy and hemorrhage; only 1 eye on slide [Degeneration TGLS = 1-8]	Degeneration	Moderate
* Heart	Degeneration	Moderate
* Liver	Necrosis	Mild
* Lymph Node, Mesenteric	Hemorrhage	Marked
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

- Heart Degeneration

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus

[Eosinophilic Focus TGLS = 3-9]

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 273

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus

Hepatocellular Adenoma

Inflammation

Chronic Active, Minimal

[Eosinophilic Focus TGLS = 1-8]

[Hepatocellular Adenoma TGLS = 2-1]

* Thyroid Gland

Follicular Cel

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274	TRT#: 4	SEX: Female	DAY ON TEST: 740
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
[Eosinophilic Focus TGLS = 4-8]			
[Hepatocellular Adenoma TGLS = 3-1]			
[Hepatocellular Carcinoma TGLS = 2-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Eosinophilic Focus

Hemangiosarcoma

Inflammation

Chronic Active, Minimal

[Eosinophilic Focus TGLS = 5-1]

[Hemangiosarcoma TGLS = 2-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 276	TRT#: 4	SEX: Female	DAY ON TEST: 740
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 277	TRT#: 4	SEX: Female	DAY ON TEST: 604
	DOSE: 182 MG/KG	DISP: Natural Death	HISTO: 9203697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain Note: cause of necrosis not found	Neuron	Necrosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Brain Neuron Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278

TRT#: 4

SEX: Female

DAY ON TEST: 666

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Intestine Large, Cecum	* Intestine Small, Jejunum
--------------------------	----------------------------

OBSERVATIONS

* Brain			
Note: ventral compression due to pit tumor			
* Liver		Eosinophilic Focus Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 279

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Inflammation

Chronic Active, Minimal

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280	TRT#: 4	SEX: Female	DAY ON TEST: 740
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma	Multiple
Hepatocellular Carcinoma	
Inflammation	Chronic Active, Minimal

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

[Hepatocellular Carcinoma TGLS = 3-9]

* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
-----------------	----------------	-------------	----------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Eosinophilic Focus

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 718

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Heart		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-1]			
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-1+2+8]			
Lymph Node	Lumbar	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-9]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	SOA, Subcut Tiss	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-1]			
* Thymus		Atrophy	Mild
* Uterus		Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 659

DOSE: 182 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

Harderian Gland [Carcinoma TGLS = 2-8]	Carcinoma	
* Liver	Inflammation	Chronic Active, Minimal
* Lung [Carcinoma TGLS = 1-2]	Carcinoma	Metastatic (Harderian Gland)
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Skin

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 285	TRT#: 4	SEX: Female	DAY ON TEST: 740
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma
Inflammation
Mixed Cell Focus

Multiple
Chronic Active, Mild

[Hepatocellular Adenoma TGLS = 2-9]

[Mixed Cell Focus TGLS = 1-10]

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 337

DOSE: 182 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
Peripheral Nerve	* Salivary Glands	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Meningioma Malignant	
[Meningioma Malignant TGLS = 1-3]			
* Esophagus		Inflammation	Mild
* Ovary			
Note: only 1 ovary on slide			
* Pituitary Gland		Meningioma Malignant	Metastatic (Brain)
[Meningioma Malignant TGLS = 2-7]			
* Skin	Epidermis, SOA	Exudate	Minimal

PRIMARY CAUSE OF DEATH

- Brain Meningioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287

TRT#: 4

SEX: Female

DAY ON TEST: 625

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Bone Marrow	Lymphoma Malignant	
* Heart	Lymphoma Malignant	
* Liver	Basophilic Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2,3-1]		
[Hepatocellular Carcinoma TGLS = 4-8]		
* Lung	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
Mesentery	Lymphoma Malignant	
* Salivary Glands	Lymphoma Malignant	
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-1]		
* Stomach, Forestomach	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-9]		
* Urinary Bladder	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 288

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Basophilic Focus

Hepatocellular Carcinoma

Inflammation

Multiple

Chronic Active, Mild

[Hepatocellular Carcinoma TGLS = 1,2,5-1+9]

* Lung

Hepatocellular Carcinoma

Metastatic (Liver)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 411

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thyroid Gland

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

Blood Vessel
* Clitoral Gland
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Thymus
* Uterus

OBSERVATIONS

* Liver

Hepatocellular Carcinoma
Inflammation

Chronic Active, Minimal

[Hepatocellular Carcinoma TGLS = 1-8]

* Spleen

Hematopoietic Cell Proliferation

Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 290

TRT#: 4

SEX: Female

DAY ON TEST: 642

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Note: possible early adenoma; death presumed related to endocrine dysfunction			
* Spleen		Hemangiosarcoma	
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Hyperplasia

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 291	TRT#: 4	SEX: Female	DAY ON TEST: 740
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Eosinophilic Focus

Inflammation

Chronic Active, Minimal

[Eosinophilic Focus TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma
Hepatocellular Carcinoma
Inflammation

Multiple
Multiple
Chronic Active, Minimal

[Hepatocellular Adenoma TGLS = 2-1+8]

[Hepatocellular Carcinoma TGLS = 2-1]

* Thyroid Gland

Follicular Cel

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 712

DOSE: 182 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain			
Note: ventral compression due to pit tumor			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
[Basophilic Focus TGLS = 4-8]			
[Hepatocellular Adenoma TGLS = 3,5-1+8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 467

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-1]			
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-1+2]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Lumbar	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-8]	Mediastinal	Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-6]			
* Pancreas	Duct	Cyst	Marked
		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Subcut Tiss	Edema	Minimal
	Epidermis, SOA	Exudate	Minimal
[Edema TGLS = 7-6]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 6-1]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 467

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203715

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Histiocytic Sarcoma

[Histiocytic Sarcoma TGLS = 2-6]

PRIMARY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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	* Pituitary Gland	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Mixed Cell Focus	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Ovary		Cystadenoma	
		Lymphoma Malignant	
[Cystadenoma TGLS = 1-8]			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin		Lymphoma Malignant	
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-9]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Minimal
		Lymphoma Malignant	
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 182 MG/KG

DISP: Natural Death

HISTO: 9203716

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 297	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: 182 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver		Eosinophilic Focus	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Inflammation

Chronic Active, Minimal

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma
Hepatocellular Carcinoma
Inflammation

Chronic Active, Minimal

[Hepatocellular Adenoma TGLS = 2-1+8]

[Hepatocellular Carcinoma TGLS = 1-1]

* Thyroid Gland

Follicular Cel

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 182 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver Hepatocellular Adenoma

[Hepatocellular Adenoma TGLS = 2-1]

* Thyroid Gland Follicular Cel Hyperplasia Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 301

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203571

OBSERVATIONS

* Liver

[Hemangiosarcoma TGLS = 2-1]

Hemangiosarcoma

* Skin

SOA, Subcut Tiss

Inflammation

Chronic Active, Minimal

* Thyroid Gland

Follicular Cel

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 302

TRT#: 6

SEX: Female

DAY ON TEST: 659

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Serosa	Necrosis	Mild
* Mammary Gland		Hyperplasia	Moderate
Mesentery		Inflammation	Moderate
Note: food particles in and around mesentery, organ serosa			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Carcinoma	
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- Stomach, Glandular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 303 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 636
DOSE: 364 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9203573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* 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, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Brain	Neuron	Necrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
[Eosinophilic Focus TGLS = 3-1,5-2]			
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Moderate
	Duct	Cyst	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA, Subcut Tiss	Inflammation	Chronic Active, Minimal
* Thyroid Gland		Inflammation	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 304

TRT#: 6

SEX: Female

DAY ON TEST: 741

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Hepatocellular Adenoma

Note: NO CORRELATING LESION FOR TGLS: 2-1,4-8

[Hepatocellular Adenoma TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 305

TRT#: 6

SEX: Female

DAY ON TEST: 741

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma

Inflammation

Chronic Active, Minimal

[Hepatocellular Adenoma TGLS = 1-1]

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 306	TRT#: 6	SEX: Female	DAY ON TEST: 672
	DOSE: 364 MG/KG	DISP: Moribund Sacrifice	HISTO: 9203576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* 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, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Brain	Neuron	Necrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Brain Neuron Necrosis

Animal Note: cause of neuronal necrosis not found; suspect islet cell dysfunction or tumor (n ot found grossly or microscopically)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 307

TRT#: 6

SEX: Female

DAY ON TEST: 674

DOSE: 364 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adren Cortex			
Note: only 1 adrenal on slide			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-8]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-1]		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 308

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Eosinophilic Focus

Inflammation

Necrosis

Chronic Active, Minimal

Minimal

[Eosinophilic Focus TGLS = 2-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 309

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Necrosis

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 310 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 732
DOSE: 364 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9203580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular * Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Gallbladder		Leiomyosarcoma	Metastatic (Intestine Small, Jejunum)
* Intestine Small, Jejunum		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 3,4-9]			
* Liver		Leiomyosarcoma	Metastatic (Intestine Small, Jejunum)
		Necrosis	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Leiomyosarcoma	Metastatic (Intestine Small, Jejunum)
[Alveolar/Bronchiolar Adenoma TGLS = 7-2]			
* Lymph Node, Mesenteric		Leiomyosarcoma	Metastatic (Intestine Small, Jejunum)
Mesentery		Leiomyosarcoma	Metastatic (Intestine Small, Jejunum)
[Leiomyosarcoma TGLS = 2-8,6-8]			
* Ovary		Thrombosis	Marked
[Thrombosis TGLS = 1-6]			
* Pancreas		Leiomyosarcoma	Metastatic (Intestine Small, Jejunum)
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach		Erosion	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Leiomyosarcoma	Metastatic (Intestine Small, Jejunum)

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Leiomyosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 311

TRT#: 6

SEX: Female

DAY ON TEST: 679

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain	Neuron	Necrosis	Mild
* Intestine Large, Cecum		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 3-4]			
* Liver		Necrosis	Mild
* Lung		Leiomyosarcoma	Metastatic (Intestine Large, Cecum)
		Thrombosis	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Epidermis, SOA	Exudate	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hemorrhage	Marked
		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

- Intestine Large, Cecum Leiomyosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 312

TRT#: 6

SEX: Female

DAY ON TEST: 588

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart	Epicardium	Inflammation	Suppurative, Moderate
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

- Lymph Node Lumbar Lymphoma Malignant

Animal Note: significant autolysis in many tissues

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 313	TRT#: 6 DOSE: 364 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 728 HISTO: 9203583
-----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Histiocytic Sarcoma	
Lymph Node	Inguinal	Histiocytic Sarcoma	
	Pancreatic	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-10]			
[Histiocytic Sarcoma TGLS = 4-11]			
[Histiocytic Sarcoma TGLS = 2-9]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-4]			
Mesentery		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Histiocytic Sarcoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH - Lymph Node Pancreatic Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 314

TRT#: 6

SEX: Female

DAY ON TEST: 685

DOSE: 364 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-12]			
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-1]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-1]		Lymphoma Malignant	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 5-2]		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-9]			
[Lymphoma Malignant TGLS = 7-10]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-11]			
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 314	TRT#: 6	SEX: Female	DAY ON TEST: 685
	DOSE: 364 MG/KG	DISP: Moribund Sacrifice	HISTO: 9203584

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Epidermis, SOA	Exudate	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	Epidermis, SOA	Ulcer	Mild
[Exudate TGLS = 6-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 1-1]			
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 315

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Eosinophilic Focus

Inflammation

Mixed Cell Focus

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 316	TRT#: 6	SEX: Female	DAY ON TEST: 562
	DOSE: 364 MG/KG	DISP: Moribund Sacrifice	HISTO: 9203586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Cyst	Marked

Note: massive blood-filled cyst caused death by hypoperfusion

[Cyst TGLS = 1-8]

PRIMARY CAUSE OF DEATH	- Thymus Cyst
-------------------------------	---------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 317	TRT#: 6	SEX: Female	DAY ON TEST: 740
	DOSE: 364 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Skin

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 318

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus

Hepatocellular Adenoma

Inflammation

Chronic Active, Minimal

[Eosinophilic Focus TGLS = 1-1]

[Hepatocellular Adenoma TGLS = 2-8]

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 319

TRT#: 6

SEX: Female

DAY ON TEST: 741

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver Eosinophilic Focus

[Eosinophilic Focus TGLS = 2,3-1]

* Thyroid Gland Follicular Cel Hyperplasia Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 320

TRT#: 6

SEX: Female

DAY ON TEST: 741

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Minimal

Hepatocellular Carcinoma

Inflammation

Chronic Active, Mild

Necrosis

Mild

[Hepatocellular Carcinoma TGLS = 6-1]

[Inflammation TGLS = 7-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Eosinophilic Focus

Hepatocellular Adenoma

Inflammation

Chronic Active, Minimal

[Eosinophilic Focus TGLS = 4-1]

[Hepatocellular Adenoma TGLS = 3-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 322

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma

Inflammation

Chronic Active, Minimal

Necrosis

Minimal

* Thyroid Gland

Follicular Cel

Hyperplasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 323

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus

Hepatocellular Adenoma

Hepatocellular Carcinoma

Inflammation

Chronic Active, Minimal

[Hepatocellular Carcinoma TGLS = 3-8]

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 324

TRT#: 6

SEX: Female

DAY ON TEST: 602

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* 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, Mandibular	* Mammary Gland
* Nose	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hepatocholangiocarcinoma	Metastatic (Liver)
Blood Vessel	Aorta	Hepatocholangiocarcinoma	Metastatic (Liver)
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocholangiocarcinoma	
[Hepatocholangiocarcinoma TGLS = 3-8]			
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 4-2]			
Lymph Node	Mediastinal	Hepatocholangiocarcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 2-8]			
Mesentery		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 2-8]			
* Ovary		Hepatocholangiocarcinoma	Metastatic (Liver)
* Pancreas		Hepatocholangiocarcinoma	Metastatic (Liver)
Skeletal Muscle		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 5-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 324

TRT#: 6

SEX: Female

DAY ON TEST: 602

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203594

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Hepatocholangiocarcinoma

Metastatic (Liver)

PRIMARY CAUSE OF DEATH

- Liver Hepatocholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 325

TRT#: 6

SEX: Female

DAY ON TEST: 575

DOSE: 364 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
[Hepatocellular Carcinoma TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 326

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

* Liver

Hepatocellular Adenoma

Histiocytic Sarcoma

[Hepatocellular Adenoma TGLS = 5-9]

[Histiocytic Sarcoma TGLS = 2-1]

* Skin

Epidermis, SOA

Exudate

Mild

SOA

Parakeratosis

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 327

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Hepatocellular Adenoma

Multiple

Inflammation

Chronic Active, Minimal

[Hepatocellular Adenoma TGLS = 2-1,3-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 328

TRT#: 6

SEX: Female

DAY ON TEST: 741

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma

Multiple

[Hepatocellular Adenoma TGLS = 2,3-1]

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 329

TRT#: 6

SEX: Female

DAY ON TEST: 741

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Skin

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 330

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Hepatocellular Adenoma

Inflammation

Chronic Active, Minimal

[Hepatocellular Adenoma TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 661

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Lymph Node, Mandibular
------------------	--------------------------

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
Note: only 1 adrenal on slide			
* Kidney		Infarct	Moderate
		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
		Necrosis	Minimal
[Hepatocellular Carcinoma TGLS = 1-10]			
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-8]			
[Lymphoma Malignant TGLS = 5-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-9]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 2-1]			
[Lymphoma Malignant TGLS = 2-8]			
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 661

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203601

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 332	TRT#: 6	SEX: Female	DAY ON TEST: 741
	DOSE: 364 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin * Thyroid Gland

OBSERVATIONS

* Liver Bile Duct Hyperplasia Minimal
Inflammation Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 741

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

* Liver		Eosinophilic Focus
		Hepatocellular Adenoma
[Hepatocellular Adenoma TGLS = 2-2+8]		
* Skin	SOA, Subcut Tiss	Fibrosarcoma
Note: skin ulcerated overlying mass		
[Fibrosarcoma TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 741

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Hepatocellular Adenoma

Inflammation

Chronic Active, Mild

[Hepatocellular Adenoma TGLS = 3-1]

* Thyroid Gland

Follicular Cel

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 741

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Eosinophilic Focus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 336

TRT#: 6

SEX: Female

DAY ON TEST: 622

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Inflammation	Mild
* Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-9]		
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	[Hepatocellular Adenoma TGLS = 3-1]		
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-8]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-2]		
Lymph Node	Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	[Hematopoietic Cell Proliferation TGLS = 2-1]		
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 336

TRT#: 6

SEX: Female

DAY ON TEST: 622

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203606

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 337	TRT#: 6	SEX: Female	DAY ON TEST: 601
	DOSE: 364 MG/KG	DISP: Natural Death	HISTO: 9203607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Basophilic Focus TGLS = 3-1]			
[Hepatocellular Adenoma TGLS = 2-1]			
[Hepatocellular Carcinoma TGLS = 1-8]			
* Skin	Epidermis, SOA	Exudate	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 338	TRT#: 6	SEX: Female	DAY ON TEST: 742
	DOSE: 364 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Skin	* Thyroid Gland		

OBSERVATIONS			
* Liver	Inflammation	Chronic Active, Minimal	

PRIMARY CAUSE OF DEATH	-		
-------------------------------	---	--	--

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Eosinophilic Focus

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 561

DOSE: 364 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Brain	Neuron	Necrosis	Mild
* Islets Panc			
Note: atrophic islets, combined with brain necrosis is suggestive of unconfirmed islet cell adenoma (not uncommon incidental lesion in B6C3F1 mice)			
* Kidney			
Note: heterotopic bone noted			
* Liver		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Marked
Note: only 1 ovary on slide [Cyst TGLS = 1-6]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Brain Neuron Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 342	TRT#: 6	SEX: Female	DAY ON TEST: 740
	DOSE: 364 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Eosinophilic Focus
Hepatocellular Adenoma
Inflammation

Multiple
Chronic Active, Minimal

[Hepatocellular Adenoma TGLS = 3-8,4-1]

* Thyroid Gland

Follicular Cel
Follicular Cel

Adenoma
Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 654

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney	Artery	Inflammation	Chronic Active, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 2,3,4-9+9+8]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-8]		
* Mammary Gland		Hyperplasia	Mild
* Ovary		Hemangioma	
	[Hemangioma TGLS = 1-9]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	SOA	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Ovary Hemangioma

CONTRIBUTORY CAUSE OF DEATH - Islets;Pancreatic Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Thyroid Gland

OBSERVATIONS

* Liver

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 345

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver

Inflammation

Chronic Active, Minimal

* Thyroid Gland

Follicular Cel

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 642

DOSE: 364 MG/KG

DISP: Natural Death

HISTO: 9203616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-1]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 347

TRT#: 6

SEX: Female

DAY ON TEST: 741

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Skin

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Skin

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 741

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Skin

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 741

DOSE: 364 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

* Liver Hepatocellular Adenoma

[Hepatocellular Adenoma TGLS = 1-8]

* Thyroid Gland Follicular Cel Hyperplasia Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 351

TRT#: 8

SEX: Female

DAY ON TEST: 740

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-8]			
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 3-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 352

TRT#: 8

SEX: Female

DAY ON TEST: 740

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 4-1,5-9]			
[Hepatocellular Carcinoma TGLS = 1-1,2-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 353

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Minimal
Note: heterotopic bone noted			
* Liver		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 354

TRT#: 8

SEX: Female

DAY ON TEST: 403

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* 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
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Adrenal Medulla

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-7+8]			
[Lymphoma Malignant TGLS = 4-10]			
[Lymphoma Malignant TGLS = 3-9]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-4]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-1]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 355	TRT#: 8	SEX: Female	DAY ON TEST: 742
	DOSE: 727 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-1+2]			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-6]			
* Skin	Epidermis, SOA	Ulcer	Moderate
[Ulcer TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 356	TRT#: 8	SEX: Female	DAY ON TEST: 717
	DOSE: 727 MG/KG	DISP: Natural Death	HISTO: 9203476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-1+8]			
Mesentery		Hemangioma	
[Hemangioma TGLS = 2-8]			
* Pancreas		Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Mesentery Hemangioma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 357

TRT#: 8

SEX: Female

DAY ON TEST: 740

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

Harderian Gland [Carcinoma TGLS = 1-9]		Carcinoma	
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Pancreas [Cyst TGLS = 3-8]	Duct	Atrophy Cyst	Marked Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus [Hyperplasia TGLS = 2-6]		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 358

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	[Eosinophilic Focus TGLS = 3-8]		
	[Hepatocellular Adenoma TGLS = 2,4-9+1]		
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hyperplasia	Cystic, Minimal
	[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 359

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-8]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360

TRT#: 8

SEX: Female

DAY ON TEST: 612

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* 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	* Pituitary Gland	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Lymphoma Malignant
* Bone Marrow	Lymphoma Malignant
* Brain	Lymphoma Malignant
* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
[Lymphoma Malignant TGLS = 2-1+2]	
* Lung	Lymphoma Malignant
* Lymph Node, Mandibular	Lymphoma Malignant
[Lymphoma Malignant TGLS = 3-3]	
* Lymph Node, Mesenteric	Lymphoma Malignant
[Lymphoma Malignant TGLS = 4-8]	
Mesentery	Lymphoma Malignant
* Ovary	Lymphoma Malignant
* Pancreas	Lymphoma Malignant
* Salivary Glands	Lymphoma Malignant
* Skin	Lymphoma Malignant
* Spleen	Lymphoma Malignant
[Lymphoma Malignant TGLS = 1-1]	
* Stomach, Glandular	Lymphoma Malignant
* Thymus	Lymphoma Malignant
* Urinary Bladder	Lymphoma Malignant
* Uterus	Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360

TRT#: 8

SEX: Female

DAY ON TEST: 612

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203480

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: animal was leukemic; malig lymph cells in all blood vessels

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 361

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 1-1]			
[Mixed Cell Focus TGLS = 2-8]			
* Pancreas		Atrophy	Moderate
	Duct	Cyst	Marked
[Cyst TGLS = 3-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 363

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
Note: proliferative endothelial component or early cholangiocarcinoma [Hepatocellular Carcinoma TGLS = 2-1+2+10]			
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 3-9]	
* Pancreas		Atrophy	Marked
* Skin	Subcut Tiss	Hemangiosarcoma	
		[Hemangiosarcoma TGLS = 1-8]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 364

TRT#: 8

SEX: Female

DAY ON TEST: 629

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Ovary			
Note: only 1 atrophied ovary on slide			
* Pituitary Gland	Pars Intermed	Carcinoma	
[Carcinoma TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Intermed Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365

TRT#: 8

SEX: Female

DAY ON TEST: 686

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 7-13]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 8-1]		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Infiltration Cellular	Histiocyte, Marked
* Lymph Node, Mesenteric		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 3-11]			
* Mammary Gland		Hyperplasia	Moderate
Mesentery		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 2-10,5-12]			
* Ovary		Fibrosarcoma	Metastatic (Skin)
* Pancreas		Fibrosarcoma	Metastatic (Skin)
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
Skeletal Muscle		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 4-9]			
* Skin	Subcut Tiss	Fibrosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365

TRT#: 8

SEX: Female

DAY ON TEST: 686

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203485

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosarcoma TGLS = 1-8]

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 367

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Marked
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-1+2+8,4-9]			
* Mammary Gland		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
[Hyperplasia TGLS = 5-2]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 368

TRT#: 8

SEX: Female

DAY ON TEST: 740

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-8]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-2]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-1]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 369	TRT#: 8	SEX: Female	DAY ON TEST: 741
	DOSE: 727 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,5-1]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2,4-8+9]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 370

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma Mixed Cell Focus	Multiple
		[Hepatocellular Adenoma TGLS = 1-2+8,2-1]	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 3-1]	
* Stomach, Forestomach		Hyperplasia	Focal, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 371	TRT#: 8	SEX: Female	DAY ON TEST: 730
	DOSE: 727 MG/KG	DISP: Natural Death	HISTO: 9203491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Kidney		Hydronephrosis	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Squamous Cell Carcinoma	Metastatic (Urinary Bladder)
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Urinary Bladder		Squamous Cell Carcinoma	

[Squamous Cell Carcinoma TGLS = 2-8]

PRIMARY CAUSE OF DEATH - Urinary Bladder Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 694

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-1]		
	[Hepatocellular Carcinoma TGLS = 1-1+8]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 373

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 1-9]			
* Pancreas		Necrosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 374	TRT#: 8	SEX: Female	DAY ON TEST: 742
	DOSE: 727 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2,3-8]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-1]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-9]			
* Ovary		Cyst	Moderate
* Pancreas		Atrophy	Marked
	Duct	Cyst	Marked
[Cyst TGLS = 1-4+8]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 4-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium xylenesulfonate

CAS Number: 1300-72-7

Date Report Requested: 10/19/2014

Time Report Requested: 12:54:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 740

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Kidney | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|---|----------------|------------------------|-------------------------|
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | |
| | | Inflammation | Chronic Active, Minimal |
| [Hepatocellular Adenoma TGLS = 2-1+2] | | | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Minimal |
| * Uterus | | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 1-6] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 377	TRT#: 8	SEX: Female	DAY ON TEST: 742
	DOSE: 727 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Hepatocellular Adenoma Inflammation Mixed Cell Focus	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 1-1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 740

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland			
Note: focal infiltration of mast cells in subcutis overlying clitoral gland			
* Liver		Eosinophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 379	TRT#: 8	SEX: Female	DAY ON TEST: 742
	DOSE: 727 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 627

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Hepatocholangiocarcinoma	Metastatic (Liver)
* Liver		Hepatocholangiocarcinoma	
[Hepatocholangiocarcinoma TGLS = 3-10]			
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 5-2]			
Lymph Node	Mediastinal	Hepatocholangiocarcinoma	Metastatic (Liver)
	Renal	Hepatocholangiocarcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 6-8]			
Mesentery		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 4-8]			
* Ovary		Cyst	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skeletal Muscle		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 1,2-9]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Hepatocholangiocarcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH - Liver Hepatocholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 627

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203500

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 381	TRT#: 8	SEX: Female	DAY ON TEST: 675
	DOSE: 727 MG/KG	DISP: Natural Death	HISTO: 9203501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
		Necrosis	Minimal
[Hepatocellular Carcinoma TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 740

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Mixed Cell Focus	
* Ovary		Cyst	Moderate
* Pancreas		Atrophy	Marked
	Duct	Cyst	Marked
[Cyst TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Thymus
------------------	----------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Necrosis	Marked
[Necrosis TGLS = 2-8]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-8]			
Oviduct		Inflammation	Chronic, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-7]			
* Spleen		Angiectasis	Moderate
		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4,5-8+9+9]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 385

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland	* Pituitary Gland
---------------------	-------------------

OBSERVATIONS

* Adren Cortex			
Note: only 1 adrenal on slide			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-8]			
* Lung	Bronchiole	Hyperplasia	Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 1-6]			
* Salivary Glands		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 740

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla

OBSERVATIONS

* Adrenal Cortex		Degeneration	Marked
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 387

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-8]			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Fibrosis	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 388

TRT#: 8

SEX: Female

DAY ON TEST: 740

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 3-1+2+8]		
* Lung		Histiocytic Sarcoma	
Lymph Node	Lumbar	Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 4-9]		
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Nose		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLS = 5-7]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-1]		
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 2-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium xylenesulfonate

CAS Number: 1300-72-7

Date Report Requested: 10/19/2014

Time Report Requested: 12:54:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Mammary Gland
- * Pituitary Gland
- * Stomach, Forestomach
- * Trachea

- Blood Vessel
- * Clitoral Gland
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Nose
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Ovary
- * Skin
- * Thymus

- * Bone Marrow
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

OBSERVATIONS

- * Adrenal Medulla
- * Liver

Hyperplasia
 Hepatocellular Adenoma
 Inflammation

Minimal

 Chronic Active, Minimal

[Hepatocellular Adenoma TGLS = 2-1]

- * Pancreas
- * Uterus

Duct

Cyst
 Hyperplasia

Moderate
 Cystic, Mild

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 691

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-1+2+8,2-9]			
* Lung		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3,4-2+10]			
Mesentery	Fat	Necrosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

Animal Note: numerous lymphocytes in spleen sinuses and pulmonary vessels

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 738

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Lumbar	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-10]			
[Histiocytic Sarcoma TGLS = 2-8]			
[Histiocytic Sarcoma TGLS = 3-7+9]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-4+11]			
* Spleen		Histiocytic Sarcoma	
* Thymus		Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma
CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 738

DOSE: 727 MG/KG

DISP: Natural Death

HISTO: 9203511

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Pigmentation	Hemosiderin, Moderate
	[Hepatocellular Carcinoma TGLS = 2-8]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Ovary		Cyst	Moderate
	[Cyst TGLS = 1-6]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	[Hyperplasia TGLS = 3-7]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 740

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-9]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 1-1]			
[Hepatocellular Carcinoma TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 394	TRT#: 8	SEX: Female	DAY ON TEST: 742
	DOSE: 727 MG/KG	DISP: Terminal Sacrifice	HISTO: 9203514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Parathyroid Gland	* Thymus
------------------	---------------------	----------

OBSERVATIONS

* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-1]			
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 3-3+8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 72

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Lung Hemorrhage Marked

Note: Acute hemorrhage suggestive of trauma; mortality presumed related to acute hypovolemic shock.

* Spleen

Note: Spleen contracted as if hypovolemic state.

PRIMARY CAUSE OF DEATH

- Lung Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 707

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 1-9]		Adenoma	
* Liver [Eosinophilic Focus TGLS = 3-8] [Hepatocellular Adenoma TGLS = 2-8]		Eosinophilic Focus Hepatocellular Adenoma Lymphoma Malignant Mixed Cell Focus	
Lymph Node [Lymphoma Malignant TGLS = 5-8,4-7]	Mediastinal Renal	Lymphoma Malignant Lymphoma Malignant	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 6-9]		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland [Adenoma TGLS = 7-7]	Pars Distalis	Adenoma	
* Skin [Exudate TGLS = 8-8]	Epidermis, SOA Epidermis, SOA	Exudate Hyperplasia	Marked Moderate
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 707

DOSE: 727 MG/KG

DISP: Moribund Sacrifice

HISTO: 9203516

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Adenoma

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 397

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
		Infarct	Marked
[Hepatocellular Adenoma TGLS = 2-8]			
[Infarct TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-1]			
* Stomach, Forestomach		Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 398 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 742
DOSE: 727 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9203518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 4-9]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Angiectasis	Mild
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
[Hemangiosarcoma TGLS = 3-9]			
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 399

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* 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, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

Blood Vessel	Aorta	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Angiectasis	Marked
[Angiectasis TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05188-06
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium xylenesulfonate
CAS Number: 1300-72-7

Date Report Requested: 10/19/2014
Time Report Requested: 12:54:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 727 MG/KG

DISP: Terminal Sacrifice

HISTO: 9203520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-1]			
[Hepatocellular Carcinoma TGLS = 3-8]			
* Skin	SOA	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE