

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C88050B
<b>Lock Date:</b>	06/26/1998
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	10/28/1999

**Experiment Number:** 88050-06  
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**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 1                      **TRT#:** 1                      **SEX:** Male                      **DAY ON TEST:** 730  
**DOSE:** 0 MG/KG                      **DISP:** Terminal Sacrifice                      **HISTO:** 9700881

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

**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Oral Mucosa	Gingival	Foreign Body	
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**                      -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9700882

**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	* Kidney
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Epididymis		Atrophy	Moderate
		Granuloma Sperm	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
		Pigmentation	Mild
	[ Hepatocellular Carcinoma TGLS = 1-4+9 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
* Preputial Gland		Atrophy	Moderate
	Note: Only one preputial gland available for histopathologic examination.		
* Prostate		Atrophy	Moderate
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Erosion	Mild
* Testes	Germinal Epith	Atrophy	Marked
		Mineralization	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9700882

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700883

**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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Moderate
		Hypertrophy	Moderate
		Metaplasia	Osseous, Moderate
* Epididymis		Infiltration Cellular	Mononuclear Cl, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Preputial Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Prostate		Infiltration Cellular	Mononuclear Cl, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Thyroid Gland	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 4                      **TRT#:** 1                      **SEX:** Male                      **DAY ON TEST:** 670  
**DOSE:** 0 MG/KG                      **DISP:** Natural Death                      **HISTO:** 9700884

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Metaplasia	Osseous, Moderate
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mononuclear CI, Moderate
		Necrosis	Mild
		Thrombosis	Marked
		Hematopoietic Cell Proliferation	Moderate

**PRIMARY CAUSE OF DEATH**                      - Liver    Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 694 <b>HISTO:</b> 9700885
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**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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Mineralization Nephropathy	Minimal Mild
[ Nephropathy TGLS = 2-4 ]			
* Liver		Eosinophilic Focus	
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
Penis		Hemorrhage	Moderate
[ Hemorrhage TGLS = 1-9 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Cyst Ectopic Parathyroid Gland	Mild Minimal

<b>PRIMARY CAUSE OF DEATH</b>	- UNCERTAIN
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700886

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Mild
Harderian Gland		Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		[ Adenoma TGLS = 1-10 ]	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		[ Hepatocellular Carcinoma TGLS = 4-9 ]	
		[ Hepatodiaphragmatic Nodule TGLS = 5-5 ]	
* Lung		Infiltration Cellular	Mononuclear CI, Mild
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 9700886
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Preputial Gland [ Cyst TGLS = 2-8 ]	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen [ Hyperplasia TGLS = 3-4 ]		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 7                      **TRT#:** 1                      **SEX:** Male                      **DAY ON TEST:** 709  
**DOSE:** 0 MG/KG                      **DISP:** Natural Death                      **HISTO:** 9700887

**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	* 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**

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
Note: TGL#4-4-NCL: Tan renal focus, documented at necropsy, not demonstrable histologically.			
* Liver		Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 2,3-4+5 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Chronic Active, Mild
[ Cyst TGLS = 1-8 ]			
[ Inflammation TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**                      - Liver    Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 9                      **TRT#:** 1                      **SEX:** Male                      **DAY ON TEST:** 729  
**DOSE:** 0 MG/KG                      **DISP:** Terminal Sacrifice                      **HISTO:** 9700889

**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	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thyroid Gland	Follicular Cel	Carcinoma	
[ Carcinoma TGLS = 2-3 ]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
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**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700890

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	[ Hepatocellular Adenoma TGLS = 1-9 ]		
* Lung	Alveolar Epith	Hyperplasia	Marked
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
	Note: Foreign bodies are hair.		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
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**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
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**Date Report Requested:** 10/16/2014  
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**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700890

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 11

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700891

**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	* 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		Hypertrophy	Minimal
Eye	Cornea	Inflammation	Suppurative, Mild
[ Inflammation TGLS = 2-9 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Parathyroid Gland		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE





**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 13

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700893

**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	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
		Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
		[ Clear Cell Focus TGLS = 3-9 ]	
		[ Eosinophilic Focus TGLS = 2-4 ]	
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
		[ Cyst TGLS = 1-8 ]	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin		Keratoacanthoma	
		[ Keratoacanthoma TGLS = 4-10 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 13

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700893

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Stomach, Glandular

Glands

Ectasia

Minimal

\* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 14

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700894

**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, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Moderate
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
Note: TGL#4-10 involves hepatic lymph node. [ Lymphoma Malignant TGLS = 3-9 ] [ Lymphoma Malignant TGLS = 4-10 ] [ Lymphoma Malignant TGLS = 6-12 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 5-11 ]	
Oral Mucosa	Gingival	Inflammation	Acute, Minimal
* Preputial Gland	Duct	Cyst	Moderate
		[ Cyst TGLS = 1-8 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 14	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700894

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Lymphoma Malignant TGLS = 2-4 ]		Lymphoma Malignant	
* Stomach, Glandular	Glands	Ectasia	Minimal
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 15

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700895

**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	* Preputial Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Renal Tubule	Hyperplasia	Mild
		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Clear Cell Focus	
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-9 ]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 16

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 501

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9700896

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Mineralization	Minimal
		Necrosis	Mild
[ Necrosis TGLS = 2-4 ]			
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Moderate
		Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: Left liver lobe on slide #05; Median liver lobe on slide #04.			
		[ Hepatocellular Adenoma TGLS = 3-4 ]	
		[ Hepatocellular Carcinoma TGLS = 5-9 ]	
		[ Necrosis TGLS = 4,6-9 ]	
* Lung	Bronchiole	Foreign Body	
		Inflammation	Chronic Active, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Preputial Gland		Inflammation	Chronic Active, Marked
		[ Inflammation TGLS = 1-8 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 16	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 501 <b>HISTO:</b> 9700896
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen			
Note: Spleen present on slide #03.			
* Stomach, Forestomach	Epithelium	Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked
[ Ulcer TGLS = 7-5 ]			
* Thymus		Cyst	Mild

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PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Inflammation; Liver Necrosis

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 17

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 677

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9700897

**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	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	[ Nephropathy TGLS = 2-4 ]		
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Mild
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen			
Note: TGL#1-4-NCL: Spleen considered to be within normal limits histologically.			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH** - Islets, Pancreatic Adenoma

\* PROTOCOL REQUIRED TISSUE





**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 18	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> 9700898
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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	Gingival	Inflammation	Acute, Minimal
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 1-4 ]		
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 19

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 638

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9700899

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
Note: TGL#2-4+5-NCL: Liver sections on slides #4 and 5 considered to be within normal limits and do not contain any liver masses. [ Hepatocellular Carcinoma TGLS = 2-9+10 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Foreign Body	
		Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 20

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700900

**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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 21

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 650

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9700901

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Heart		Inflammation	Chronic Active, Moderate
		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Hemangiosarcoma	
		Inflammation	Chronic Active, Mild
		Necrosis	Moderate
	[ Hemangiosarcoma TGLS = 1,2,3,4-9+3+5 ]		
* Lung		Mineralization	Minimal
		Thrombosis	Marked
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 21

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 650

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9700901

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 22

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 712

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9700902

**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, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

**MISSING**

\* Mammary Gland

**INSUFFICIENT TISSUE**

\* Heart

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Ileum		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2,3-5+4 ]		
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
	[ Infiltration Cellular TGLS = 1-8 ]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 23

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 73

**DOSE:** 0 MG/KG

**DISP:** Missing

**HISTO:** 9700903

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PRIMARY CAUSE OF DEATH

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Animal Note: Animal listed as missing from study

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 24

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700904

**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	* 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	Capsule	Adenoma	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mononuclear CI, Minimal
		Infiltration Cellular	Minimal
		Mineralization	Minimal
		Nephropathy	Chronic Active, Minimal
* Liver		Inflammation	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 25

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700905

**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, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Intestine Small, Duodenum		Adenoma	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatoblastoma	
	Hepatocyte	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
	[ Hepatoblastoma TGLS = 3-4 ]		
	[ Hepatocellular Adenoma TGLS = 1,2,4,5-3+9+10 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Mineralization	Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear Cl, Minimal
	[ Cyst TGLS = 7-8 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 25	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 9700905
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Skin [ Lipoma TGLS = 6-9 ]	Subcut Tiss	Lipoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal

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PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 26

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700906

**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	* Preputial Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 27

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 583

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9700907

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: Only one adrenal gland available for histologic examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Mild
		[ Hepatocellular Adenoma TGLS = 3,4-5+10 ]	
		[ Hepatocellular Carcinoma TGLS = 1-9 ]	
		[ Necrosis TGLS = 2-4 ]	
* Lung		Thrombosis	Minimal
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 27

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 583

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9700907

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 28

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 663

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9700908

**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	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Granuloma Sperm	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mast Cell, Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Mild
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 2-8 ]			
* Thyroid Gland	C Cell	Carcinoma	
[ Carcinoma TGLS = 1-3 ]			
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH** - Thyroid Gland C Cell Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 29

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 694

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9700909

**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	* Lymph Node, Mandibular	* Pancreas
* Pituitary 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	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mononuclear CI, Minimal
		Necrosis	Mild
		[ Hepatocellular Carcinoma TGLS = 2,3-9+10 ]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		[ Hepatocellular Carcinoma TGLS = 4-3 ]	
* Nose		Foreign Body	
		Note: Foreign bodies are hair.	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
		Note: Foreign bodies are hair.	
* Preputial Gland		Inflammation	Chronic Active, Mild
		[ Inflammation TGLS = 1-8 ]	
* Spleen		Hematopoietic Cell Proliferation	Marked

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 29

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 694

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9700909

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 31

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700911

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-9 ]		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
	Note: Foreign bodies are hair.		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700912

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver		Clear Cell Focus	
Oral Mucosa	Gingival	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 33

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700913

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Moderate
* Epididymis		Inflammation	Chronic Active, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	[ Hepatocellular Adenoma TGLS = 2-9 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-9 ]		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 33

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700913

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Salivary Glands

Infiltration Cellular

Mononuclear CI, Minimal

\* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 34

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700914

**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	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 1-9 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 35	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700915

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* 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			

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
Oral Mucosa	Gingival	Foreign Body	
* Preputial Gland		Infiltration Cellular Inflammation	Mononuclear CI, Mild Chronic Active, Moderate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 36

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 694

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9700916

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear Cl, Mild
* Stomach, Glandular	Epithelium	Inflammation	Chronic Active, Marked
		Ulcer	Marked

**PRIMARY CAUSE OF DEATH** - Stomach, Glandular Ulcer

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 37

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700917

**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, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Moderate
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		[ Eosinophilic Focus TGLS = 3-9 ]	
		[ Hepatocellular Adenoma TGLS = 2-5 ]	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
		[ Infiltration Cellular TGLS = 1-8 ]	
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 37	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700917

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Stomach, Glandular	Glands	Ectasia	Mild
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 38

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700918

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia Infiltration Cellular Mineralization Nephropathy	Mild Mononuclear CI, Minimal Minimal Mild
* Liver		Eosinophilic Focus Hepatocellular Adenoma Malformation	  Mild
		[ Hepatocellular Adenoma TGLS = 1-9 ]	
		[ Malformation TGLS = 2-4 ]	
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	 Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 38

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700918

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thymus

Cyst

Minimal

\* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 39

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700919

**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	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear Cl, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[ Hepatocellular Adenoma TGLS = 2,4-9 ]		
	[ Hepatocellular Carcinoma TGLS = 3-10 ]		
Mesentery			
	Note: TGL#4-9: Mesenteric fat mass, documented at necropsy, is hepatocellular adenoma histologically.		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
	Note: Foreign bodies are hair.		
* Preputial Gland	Duct	Cyst	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 39	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 9700919
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Cyst TGLS = 1-8 ] [ Inflammation TGLS = 1-8 ]	Inflammation	Chronic Active, Mild
* Prostate	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Testes	Mineralization	Minimal

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 40

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700920

**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	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	[ Hepatocellular Carcinoma TGLS = 1-9 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Mineralization	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
	[ Hyperplasia TGLS = 3-5 ]		
* Nose		Foreign Body	
		Inflammation	Chronic Active, Marked
Note: Foreign bodies are hair.			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 40	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 9700920
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Preputial Gland	Duct	Cyst Inflammation	Mild Chronic Active, Mild
[ Cyst TGLS = 2-8 ] [ Inflammation TGLS = 2-8 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Mild
Tooth		Malformation	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 41

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700921

**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	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[ Cyst TGLS = 1-8 ]			
[ Infiltration Cellular TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
Tooth		Malformation	
		Odontoma	

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 42	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700922

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
[ Eosinophilic Focus TGLS = 1-9 ]			
* Preputial Gland		Inflammation	Chronic Active, Marked
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 43

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700923

**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	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hyperplasia Hypertrophy	Mild Mild Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia Infiltration Cellular Mineralization Nephropathy	Mild Mononuclear CI, Minimal Minimal Mild
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Marked
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Preputial Gland	Duct	Cyst Inflammation	Mild Chronic Active, Mild
[ Cyst TGLS = 1-8 ]			
[ Inflammation TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 43

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700923

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Ectopic Parathyroid Gland

Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 44

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700924

**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, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**INSUFFICIENT TISSUE**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma Hyperplasia Hypertrophy Hyperplasia	Mild Minimal Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Metaplasia Mineralization Nephropathy	Osseous, Mild Minimal Mild
Note: TGL#2-9: Renal cyst, documented at necropsy, is focus of osseous metaplasia histologically. [ Metaplasia TGLS = 2-9 ]			
* Liver		Hepatocellular Adenoma Inflammation Tension Lipidosis	Chronic Active, Minimal
Oral Mucosa	Gingival	Inflammation	Acute, Minimal
* Preputial Gland	Duct	Cyst Inflammation	Mild Chronic Active, Moderate
[ Cyst TGLS = 1-8 ] [ Inflammation TGLS = 1-8 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 44	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 9700924
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Ectopic Thyroid	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 45

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700925

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
	Capsule	Hyperplasia	Moderate
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
[ Eosinophilic Focus TGLS = 3-5 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-9 ]			
[ Infiltration Cellular TGLS = 4-3 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 45	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700925

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: Foreign bodies are hair.

* Prostate		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-8 ]			
* Stomach, Glandular	Glands	Ectasia	Minimal
Tooth		Malformation	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 46

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 513

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9700926

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Hepatocholangiocarcinoma	Metastatic (Liver)
		Mineralization	Minimal
		Nephropathy	Minimal
[ Hepatocholangiocarcinoma TGLS = 3-4 ]			
* Liver		Hepatocholangiocarcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
[ Hepatocholangiocarcinoma TGLS = 1,5-9 ]			
* Lung	Mediastinum	Hepatocholangiocarcinoma	Metastatic (Liver)
		Hepatocholangiocarcinoma	Metastatic (Liver)
[ Hepatocholangiocarcinoma TGLS = 4,6-10+3 ]			
Lymph Node	Bronchial	Hepatocholangiocarcinoma	Metastatic (Liver)
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Pancreas		Hepatocholangiocarcinoma	Metastatic (Liver)
[ Hepatocholangiocarcinoma TGLS = 8-9 ]			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
Skeletal Muscle		Hepatocholangiocarcinoma	Metastatic (Liver)

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 46	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 513
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9700926

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hepatocholangiocarcinoma TGLS = 2-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	Epithelium	Inflammation	Chronic Active, Moderate
		Squamous Cell Papilloma	
[ Hyperplasia TGLS = 7-5 ]			
[ Inflammation TGLS = 7-5 ]			
[ Squamous Cell Papilloma TGLS = 7-5 ]			
* Thymus		Cyst	Minimal

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PRIMARY CAUSE OF DEATH - Liver Hepatocholangiocarcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 47

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700927

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Necrosis	Mild
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
[ Cyst TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 48

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700928

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	[ Hepatocellular Adenoma TGLS = 3-10 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[ Alveolar/Bronchiolar Carcinoma TGLS = 4-9 ]		
Mesentery		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
	[ Necrosis TGLS = 2-9 ]		
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 48

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700928

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Cyst TGLS = 1-8 ]

\* Prostate

Infiltration Cellular

Mononuclear CI, Minimal

\* Thymus

Cyst

Mild

Ectopic Parathyroid Gland

Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 49

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700929

**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, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Duodenum		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-5 ]			
Oral Mucosa	Gingival	Foreign Body	
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 50

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700930

**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	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy Lymphoma Malignant	Minimal Mild
* Bone Marrow		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst Lymphoma Malignant Mineralization Nephropathy	Moderate Minimal Minimal
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma Lymphoma Malignant	
		[ Hepatocellular Adenoma TGLS = 9-10 ]	
		[ Hepatocellular Carcinoma TGLS = 6-11 ]	
		[ Lymphoma Malignant TGLS = 10-12 ]	
* Lung		Hepatocellular Carcinoma Lymphoma Malignant	Metastatic (Liver)
		[ Hepatocellular Carcinoma TGLS = 8-9 ]	
Lymph Node	Mediastinal	Lymphoma Malignant Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 50	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700930

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: TGL#3-11: Axillary lymph nodes.  
[ Lymphoma Malignant TGLS = 3-11 ]

* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-5 ]			
* Nose		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Preputial Gland		Lymphoma Malignant	
* Prostate		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1,2-9+10 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-4 ]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 51

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700931

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
Note: TGL#6-10-NCL: Liver focus, documented at necropsy, not demonstrable histopathologically.			
[ Hemangiosarcoma TGLS = 2,4-9+5 ]			
[ Hepatocellular Adenoma TGLS = 3,5-5+4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 8-3 ]			
[ Alveolar/Bronchiolar Carcinoma TGLS = 7-3 ]			
Mesentery		Hemangiosarcoma	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland		Inflammation	Chronic Active, Moderate
[ Inflammation TGLS = 1-8 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 51	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700931

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 52

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700932

**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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
[ Cyst TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Seminal Vesicle		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Thyroid Gland			

Note: Only one thyroid gland available for histopathologic examination.

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 53

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700933

**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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
* Kidney		Mineralization Nephropathy	Minimal Minimal
* Liver		Infiltration Cellular Lymphoma Malignant	Mononuclear CI, Minimal
[ Lymphoma Malignant TGLS = 3-4+5+9 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-6 ]			
[ Lymphoma Malignant TGLS = 5-9 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-5 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 53	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700933

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: Foreign bodies are hair.

* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Prostate		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 54

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700934

**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, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Testes	* Trachea

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy Infiltration Cellular	Mild Mild Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Moderate
* Intestine Small, Duodenum		Inflammation	Chronic Active, Mild
* Intestine Small, Ileum		Hyperplasia	Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization Nephropathy	Minimal Minimal
* Liver		Eosinophilic Focus Inflammation	Chronic Active, Minimal
[ Eosinophilic Focus TGLS = 2-5 ]			
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Mild
[ Cyst TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia Squamous Cell Papilloma	Mild
[ Squamous Cell Papilloma TGLS = 3-9 ]			
* Stomach, Glandular	Glands	Ectasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 54	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700934

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: Hyperplasia is in pylorus.		Hyperplasia	Mild
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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<b>PRIMARY CAUSE OF DEATH</b>	-
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\* PROTOCOL REQUIRED TISSUE





**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 55

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700935

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Stomach, Forestomach

Squamous Cell Papilloma

[ Squamous Cell Papilloma TGLS = 3-10 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 56

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700936

**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	* 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

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver			
Note: TGL#2-9-NCL: Liver focus, documented at necropsy, not evident histologically.			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 57

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700937

**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, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Mild Minimal Mild
* Liver		Inflammation Mixed Cell Focus	Chronic Active, Minimal
* Preputial Gland	Duct	Cyst	Moderate
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 58

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700938

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[ Clear Cell Focus TGLS = 1-9 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]		
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 58

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700938

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 59

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700939

**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	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Moderate
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
Note: TGL#2-9-NCL: Liver focus, documented at necropsy, not demonstrable histopathologically. [ Hepatocellular Adenoma TGLS = 1-9 ]			
* Lung	Alveolar Epith	Hyperplasia	Mild
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Testes	Germinal Epith	Atrophy	Mild
		Inflammation	Chronic Active, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 59

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700939

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thymus

Ectopic Parathyroid Gland

Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 60

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700940

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid 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	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 4-10 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Necrosis	Mild
[ Hepatocellular Adenoma TGLS = 2,3-9+4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
[ Infiltration Cellular TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 61

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700941

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Moderate
	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Moderate
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mononuclear CI, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[ Clear Cell Focus TGLS = 4-4 ]		
	[ Hepatocellular Adenoma TGLS = 2,3-9+10 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 5-3 ]		
* Preputial Gland	Duct	Cyst	Mild
	[ Cyst TGLS = 1-8 ]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 61	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700941

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hyperplasia	Lymphoid, Moderate

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 62	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 625
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9700942

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

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**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Moderate
[ Hepatocellular Adenoma TGLS = 1,2-4+11 ]			
[ Hepatocellular Carcinoma TGLS = 3-10 ]			
[ Necrosis TGLS = 4-9 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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<b>PRIMARY CAUSE OF DEATH</b>	- Liver Hepatocellular Carcinoma
<b>CONTRIBUTORY CAUSE OF DEATH</b>	- Liver Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 62

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 625

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9700942

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 63

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 629

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9700943

**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, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Intestine Small, Duodenum	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Mild
Note: TGL#2-4-NCL: Liver mass, documented at necropsy, not demonstrated histologically on slide #04.			
		[ Hepatocellular Adenoma TGLS = 4-5 ]	
		[ Hepatocellular Carcinoma TGLS = 2-9 ]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[ Alveolar/Bronchiolar Adenoma TGLS = 3-3 ]	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		[ Cyst TGLS = 1-8 ]	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 63

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 629

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9700943

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 64

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700944

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Eye	Cornea	Inflammation	Chronic Active, Mild
	Cornea	Metaplasia	Squamous, Marked
[ Metaplasia TGLS = 2-9 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 64

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700944

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 65

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 563

**DOSE:** 1.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9700945

**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	* 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
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: Only one adrenal gland available for histologic examination. Contralateral organ missing.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic Active, Mild
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-10 ]		
Mesentery		Fibrosis	Mild
	Fat	Necrosis	Marked
	[ Necrosis TGLS = 1-9 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH** - Lung Alveolar/Bronchiolar Carcinoma

Animal Note: TGL#1-9: Enlarged iliac lymph node, documented at necropsy, is necrotic mesenteric fat nodule histologically.

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 66

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700946

**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	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Moderate
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 1,2,3,5-4+9 ]		
* Lung		Hemorrhage	Mild
		Thrombosis	Mild
	[ Hemorrhage TGLS = 4-10 ]		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
	Note: Foreign bodies are hair.		
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 67

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700947

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

Note: Slide #03 - Small piece of thymus in mediastinum contains foreign material.

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 68

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700948

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
Note: Hepatocellular carcinoma arising in a hepatocellular adenoma. [ Hepatocellular Adenoma TGLS = 3-4 ] [ Hepatocellular Carcinoma TGLS = 2-5 ]			
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Lymphoma Malignant	
* Preputial Gland		Inflammation	Chronic Active, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 68	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700948

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Salivary Glands		Lymphoma Malignant	
* Spleen		Infiltration Cellular	Mononuclear CI, Minimal
	[ Lymphoma Malignant TGLS = 1-4 ]	Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Testes	Germinal Epith	Atrophy	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 69	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700949

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Moderate
* Epididymis		Infiltration Cellular	Mononuclear Cl, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear Cl, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Mild
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Testes	Interstit Cell	Adenoma	

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 70

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700950

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Heart		Inflammation	Chronic Active, Minimal
* Intestine Small, Duodenum		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[ Cyst TGLS = 1-8 ]			
* Stomach, Glandular	Glands	Ectasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 71      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 731  
**DOSE:** 1.5 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9700951

**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, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 1,2-5+4 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 72

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700952

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Heart	Artery	Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Artery	Infiltration Cellular Inflammation Mineralization Nephropathy	Mononuclear CI, Minimal Chronic Active, Moderate Minimal Mild
* Liver		Eosinophilic Focus	
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate	Artery	Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 73

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 714

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9700953

**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	* Lymph Node, Mandibular
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma Necrosis	Mild
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
* Lung	Alveolus Mediastinum	Alveolar/Bronchiolar Adenoma Infiltration Cellular Inflammation	Histiocyte, Mild Suppurative, Mild
Note: Alveolar-bronchiolar adenoma is markedly necrotic.			
[ Alveolar/Bronchiolar Adenoma TGLS = 1-3 ]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 3-10 ]			
* Nose		Foreign Body	
Note: Foreign bodies are hair.			
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic, Minimal
Note: Foreign bodies are hair.			
* Salivary Glands		Mineralization	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 73	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 714
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9700953

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen	Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma	

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 74	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700954

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
* Intestine Small, Jejunum		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Mixed Cell Focus	
	[ Hepatocellular Adenoma TGLS = 1,2-9 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Mineralization	Minimal
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 75

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700955

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear Cl, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
Note: TGL#3-4-NCL: Liver focus, documented at necropsy, not demonstrable histopathologically. [ Mixed Cell Focus TGLS = 2-3 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Prostate		Infiltration Cellular	Mononuclear Cl, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 75

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700955

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 76

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700956

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone			
Note: TGL#5-9: Sternal nodule, documented at necropsy, is subcutaneous hemangioma histologically.			
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Hepatocholangiocarcinoma	
Note: TGL#4-NST: Unable to identify liver focus at trim.			
[ Hepatocellular Adenoma TGLS = 3-5 ]			
[ Hepatocholangiocarcinoma TGLS = 2-4 ]			
* Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLS = 1-10 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild

Note: Foreign bodies are hair.

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 76	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700956

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Hemangioma	
[ Hemangioma TGLS = 5-9 ]			
* Spleen		Hyperplasia	Lymphoid, Moderate
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 77

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700957

**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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Intestine Small, Jejunum		Adenocarcinoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 78	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700958

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Preputial Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Hepatocyte	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
		[ Eosinophilic Focus TGLS = 3-5 ]	
		[ Hepatocellular Adenoma TGLS = 1,2-4+3 ]	
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 78

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700958

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 79      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 730  
**DOSE:** 1.5 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9700959

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[ Clear Cell Focus TGLS = 2-10 ]		
	[ Eosinophilic Focus TGLS = 2-10 ]		
	[ Hepatocellular Adenoma TGLS = 3-9 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-9 ]		
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 79

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700959

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Prostate	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Cyst	Mild
* Urinary Bladder	Infiltration Cellular	Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 80

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700960

**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, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Mild
* Intestine Small, Duodenum		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Clear Cell Focus TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-5 ]			
Oral Mucosa	Gingival	Inflammation	Chronic Active, Mild
* Preputial GI			
Note: TGL#1-8-NCL: Preputial glands within normal limits histologically.			
* Prostate		Infiltration Cellular	Mononuclear CI, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 80

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700960

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 81

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 644

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9700961

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pituitary Gland	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Moderate
* Esophagus	Periesoph Tiss	Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Sarcoma	Metastatic (Pancreas)
		[ Hepatocellular Adenoma TGLS = 2-5 ]	
		[ Hepatocellular Carcinoma TGLS = 3-9 ]	
		[ Sarcoma TGLS = 4-9 ]	
Lymph Node	Pancreatic	Sarcoma	Metastatic (Pancreas)
		[ Sarcoma TGLS = 4-9 ]	
Mesentery		Sarcoma	Metastatic (Pancreas)
		[ Sarcoma TGLS = 4-9 ]	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Pancreas		Sarcoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 81	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 644
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9700961

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Sarcoma TGLS = 4-9 ]			
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Prostate		Infiltration Cellular Sarcoma	Mononuclear CI, Minimal Metastatic (Pancreas)
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Seminal Vesicle		Infiltration Cellular Sarcoma	Mononuclear CI, Minimal Metastatic (Pancreas)
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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<b>PRIMARY CAUSE OF DEATH</b>	- Pancreas Sarcoma
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 82

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700962

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear Cl, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
		[ Eosinophilic Focus TGLS = 3,4-9 ]	
		[ Hepatocellular Adenoma TGLS = 2-10 ]	
* Lung	Alveolar Epith	Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear Cl, Minimal
		[ Cyst TGLS = 1-8 ]	
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 83

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700963

**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
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mononuclear CI, Minimal
	[ Hepatocellular Adenoma TGLS = 2,3-5+9 ]		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
	Note: Foreign bodies are hair.		
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
	[ Cyst TGLS = 1-8 ]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hyperplasia	Lymphoid, Marked
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 83	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700963

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 84

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700964

**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
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Carcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
		Necrosis	Mild
		[ Hepatocellular Adenoma TGLS = 1-4 ]	
		[ Mixed Cell Focus TGLS = 2-5 ]	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Moderate
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 85

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700965

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Moderate
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Renal Tubule	Hyperplasia Mineralization	Mild Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus Inflammation Mixed Cell Focus	Chronic Active, Minimal
		[ Eosinophilic Focus TGLS = 1,2-4+5 ] [ Mixed Cell Focus TGLS = 2-4 ]	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 85

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700965

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 86      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 729  
**DOSE:** 1.5 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9700966

**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, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Duodenum		Adenocarcinoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 3-9 ]			
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Infiltration Cellular	Mononuclear CI, Mild
[ Alveolar/Bronchiolar Adenoma TGLS = 4-10 ]			
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Chronic Active, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 86	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700966

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Cyst TGLS = 1-8 ]

[ Inflammation TGLS = 1-8 ]

* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 87

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700967

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: Hepatocellular adenoma also on slide #09. [ Hepatocellular Adenoma TGLS = 2,3-4+9 ] [ Mixed Cell Focus TGLS = 1,3-10+9 ]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 87

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700967

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-06  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Test Compound: Methacrylonitrile  
 CAS Number: 126-98-7

Date Report Requested: 10/16/2014  
 Time Report Requested: 11:00:59  
 First Dose M/F: NA / NA  
 Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9700968

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst Infiltration Cellular Mineralization Nephropathy	Mild Mononuclear CI, Minimal Minimal Mild
* Liver		Eosinophilic Focus Hepatocellular Adenoma Infiltration Cellular Inflammation	Mononuclear CI, Minimal Chronic Active, Minimal
		[ Eosinophilic Focus TGLS = 2-9 ]	
		[ Hepatocellular Adenoma TGLS = 1-4 ]	
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 88

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700968

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 89

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700969

**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, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hyperplasia Hypertrophy Infiltration Cellular	Mild Minimal Moderate Mononuclear Cl, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Mineralization Nephropathy	Minimal Mild
* Liver		Clear Cell Focus Hepatocellular Adenoma Inflammation Mixed Cell Focus	Multiple Chronic Active, Minimal
		[ Hepatocellular Adenoma TGLS = 3,4-9 ]	
		[ Mixed Cell Focus TGLS = 2-10 ]	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland	Duct	Cyst Infiltration Cellular	Moderate Mononuclear Cl, Minimal
		[ Cyst TGLS = 1-8 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 89	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700969

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Prostate	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 90

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700970

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Seminal Vesicle
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		[ Alveolar/Bronchiolar Adenoma TGLS = 3-10 ]	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
		Note: Foreign bodies are hair.	
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Fibrosis	Marked
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 90	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700970

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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	Epidermis	Ulcer	Minimal
[ Fibrosis TGLS = 1-9 ] [ Hyperplasia TGLS = 2-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes		Mineralization	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 91

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700971

**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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Metaplasia	Osseous, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[ Basophilic Focus TGLS = 3-9 ]			
[ Mixed Cell Focus TGLS = 4-10 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 91	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700971

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: Foreign bodies are hair.

* Preputial Gland [ Cyst TGLS = 2-8 ]	Duct	Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin [ Lipoma TGLS = 1-9 ]	Subcut Tiss	Lipoma	
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 92

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700972

**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
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Parathyroid Gland		Cyst	Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal
		Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 93

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700973

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Large, Cecum		Adenocarcinoma	
[ Adenocarcinoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 94

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 625

**DOSE:** 1.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9700974

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Hepatocolangiocarcinoma	Metastatic (Liver)
	[ Hepatocolangiocarcinoma TGLS = 5-9 ]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hepatocolangiocarcinoma	Metastatic (Liver)
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocolangiocarcinoma	
		Inflammation	Chronic Active, Minimal
	[ Hepatocellular Adenoma TGLS = 6-9 ]		
	[ Hepatocolangiocarcinoma TGLS = 1-10 ]		
* Lung	Mediastinum	Hepatocolangiocarcinoma	Metastatic (Liver)
		Hepatocolangiocarcinoma	Metastatic (Liver)
	[ Hepatocolangiocarcinoma TGLS = 3-3 ]		
Lymph Node	Mediastinal	Hepatocolangiocarcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hepatocolangiocarcinoma	Metastatic (Liver)
	[ Hepatocolangiocarcinoma TGLS = 4-5 ]		
Mesentery		Hepatocolangiocarcinoma	Metastatic (Liver)
* Seminal Vesicle		Dilatation	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 94	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 625
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9700974

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Dilatation TGLS = 2-10 ]		Hepatocholangiocarcinoma	Metastatic (Liver)
[ Hepatocholangiocarcinoma TGLS = 2-10 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked
[ Ulcer TGLS = 7-11 ]			
* Thymus		Hepatocholangiocarcinoma	Metastatic (Liver)

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PRIMARY CAUSE OF DEATH      - Liver Hepatocholangiocarcinoma

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 95

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700975

**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	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 96

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700976

**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	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy Inflammation	Minimal Mild Suppurative, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst Infarct Infiltration Cellular Mineralization Nephropathy	Mild Marked Mononuclear CI, Mild Minimal Mild
	[ Cyst TGLS = 14-4 ]		
	[ Infarct TGLS = 10,11-4+9 ]		
* Liver		Hepatocellular Adenoma Infiltration Cellular Inflammation	Multiple Mononuclear CI, Minimal Chronic Active, Minimal
	[ Hepatocellular Adenoma TGLS = 7,13-12+4 ]		
* Lung	Alveolus	Infiltration Cellular Inflammation	Histiocyte, Moderate Chronic Active, Moderate
	[ Infiltration Cellular TGLS = 12-3 ]		
	[ Inflammation TGLS = 12-3 ]		
Lymph Node	Inguinal	Hyperplasia	Plasma Cell, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 96	<b>TRT#:</b> 3 <b>DOSE:</b> 1.5 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> 9700976
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**ORGAN AND ACCOUNTABLE SITE STATUS**

	Lumbar	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Renal	Hyperplasia	Plasma Cell, Marked
	Renal	Inflammation	Suppurative, Minimal
	[ Hyperplasia TGLS = 8-12 ]		
	[ Hyperplasia TGLS = 9-9 ]		
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Marked
	[ Hyperplasia TGLS = 2-2 ]		
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Marked
		Inflammation	Suppurative, Mild
	[ Hyperplasia TGLS = 6-5 ]		
* Nose		Foreign Body	
Note: Foreign bodies are hair.			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Pancreas		Infiltration Cellular	Mononuclear CI, Mild
* Preputial Gland	Duct	Cyst	Mild
	[ Cyst TGLS = 1-8 ]		
* Skin	Epidermis	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
	[ Hyperplasia TGLS = 3,4-10+11 ]		
	[ Inflammation TGLS = 3,4-10+11 ]		
	[ Ulcer TGLS = 3,4-10+11 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLS = 5-4 ]		
* Stomach, Glandular	Epithelium	Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
PRIMARY CAUSE OF DEATH	-		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 97

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 605

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9700977

**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	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Lung		Thrombosis	Minimal
Mesentery	Fat	Necrosis	Moderate
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
Note: Only one preputial gland available for histologic examination.			
[ Cyst TGLS = 1-8 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 98

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700978

**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, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Preputial Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver		Eosinophilic Focus Hepatocellular Adenoma Mixed Cell Focus	Multiple
		[ Eosinophilic Focus TGLS = 1-10 ]	
		[ Hepatocellular Adenoma TGLS = 2,3-4+9+5 ]	
		[ Mixed Cell Focus TGLS = 1,2-10+9 ]	
Mesentery		Inflammation Mineralization	Chronic Active, Mild Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia Mineralization	Minimal Minimal
* Testes		Mineralization	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 98	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9700978

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thymus		Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 99

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700979

**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	* Nose	* Pancreas
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
Note: TGL#3-9: Liver nodule, documented at necropsy, not demonstrable histologically.			
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 4-9 ]			
* Parathyroid Gland		Cyst	Mild
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
[ Cyst TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 100

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700980

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
[ Infarct TGLS = 1-4 ]			
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Carcinoma TGLS = 2-5 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: Focus of metastatic hepatocellular carcinoma to lung also on slide #03.			
[ Hepatocellular Carcinoma TGLS = 3-9 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Moderate
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 100

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700980

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Prostate	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Cyst	Mild
* Urinary Bladder	Infiltration Cellular	Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 101

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700981

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 4-10 ]			
[ Hepatocellular Carcinoma TGLS = 2-10 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Thrombosis	Mild
Mesentery		Mineralization	Minimal
	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 101

**TRT#:** 5  
**DOSE:** 3 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 730  
**HISTO:** 9700981

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 102

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700982

**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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Mild
* Intestine Small, Jejunum		Adenocarcinoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 1-5 ]			
Mesentery		Inflammation	Granulomatous, Moderate
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 103	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 429
	<b>DOSE:</b> 3 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9700983

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

* Gallbladder	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-9 ]			
Oral Mucosa	Gingival	Foreign Body	Acute, Minimal
	Gingival	Inflammation	
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Adenoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 104

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700984

**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	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Granulomatous, Moderate
[ Inflammation TGLS = 2-4+5 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
[ Alveolar/Bronchiolar Adenoma TGLS = 5-9 ]			
Lymph Node	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4,6-9 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Inflammation	Chronic Active, Mild
Mesentery		Inflammation	Granulomatous, Moderate
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear Cl, Minimal
[ Cyst TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear Cl, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 104

**TRT#:** 5  
**DOSE:** 3 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9700984

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-4 ]			
* Stomach, Forestomach	Epithelium	Inflammation	Chronic Active, Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
	Epithelium	Inflammation	Chronic Active, Mild
	Serosa	Inflammation	Granulomatous, Moderate
[ Hyperplasia TGLS = 7-10 ]			
[ Inflammation TGLS = 7-10 ]			
[ Inflammation TGLS = 7-10 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 105

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700985

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[ Cyst TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 106

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700986

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Moderate
		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Moderate
[ Hepatocellular Adenoma TGLS = 6-4 ]			
[ Hepatocellular Carcinoma TGLS = 3-10 ]			
[ Inflammation TGLS = 4,5-5+9 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery		Inflammation	Chronic Active, Moderate
* Nose		Foreign Body	
		Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
Oral Mucosa	Gingival	Foreign Body	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 106

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700986

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: Foreign bodies are hair.	Gingival	Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 107

**TRT#:** 5  
**DOSE:** 3 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** 9700987

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear Cl, Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[ Basophilic Focus TGLS = 1-9 ]		
* Preputial Gland		Infiltration Cellular	Mononuclear Cl, Mild
* Prostate		Infiltration Cellular	Mononuclear Cl, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 108

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700988

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 2-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 108

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700988

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 109

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 655

**DOSE:** 3 MG/KG

**DISP:** Natural Death

**HISTO:** 9700989

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Inflammation	Chronic Active, Mild
		Necrosis	Mild
[ Hemangiosarcoma TGLS = 4-9 ]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[ Infiltration Cellular TGLS = 5-3 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-4 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 109

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 655

**DOSE:** 3 MG/KG

**DISP:** Natural Death

**HISTO:** 9700989

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 110

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 439

**DOSE:** 3 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9700990

**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, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
* Adrenal Medulla		Hematopoietic Cell Proliferation	Minimal
* Bone Marrow		Hyperplasia	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-3+5 ]		
* Preputial Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Prostate		Infiltration Cellular	Mononuclear Cl, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Chronic Active, Marked
* Skin		Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
	[ Inflammation TGLS = 2,3-9+10 ]		
	[ Ulcer TGLS = 2-9 ]		
* Spleen		Hematopoietic Cell Proliferation	Marked

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 110

**TRT#:** 5  
**DOSE:** 3 MG/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 439  
**HISTO:** 9700990

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Urinary Bladder	Infiltration Cellular	Mononuclear CI, Minimal
PRIMARY CAUSE OF DEATH	- Skin Inflammation	
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Adenoma;Skin Epidermis Ulcer	

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 111

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700991

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
		Tension Lipidosis	
		[ Tension Lipidosis TGLS = 2-9 ]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[ Alveolar/Bronchiolar Adenoma TGLS = 1-3 ]	
* Nose		Foreign Body	
Note: Foreign bodies are hair.			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 111

**TRT#:** 5  
**DOSE:** 3 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 730  
**HISTO:** 9700991

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 112

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700992

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear Cl, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
	[ Mixed Cell Focus TGLS = 2-9 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 3-9 ]		
* Preputial Gland	Duct	Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Prostate		Infiltration Cellular	Mononuclear Cl, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 113

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700993

**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, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Duodenum		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[ Hepatocellular Adenoma TGLS = 1,2-5+4 ]		
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 114

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700994

**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
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[ Hepatocellular Adenoma TGLS = 1-9 ]		
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 115

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700995

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	[ Hepatocellular Adenoma TGLS = 1,2-5+4 ]		
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 116

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700996

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Cyst	Moderate
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		[ Basophilic Focus TGLS = 4-10 ]	
		[ Cyst TGLS = 2-9 ]	
		[ Hepatocellular Adenoma TGLS = 1,3-4+5 ]	
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 117

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700997

**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	* Nose	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 10-11 ]			
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 11-10 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 7,8-12 ]		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 4,5,6-10+11+4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 9-10 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-9 ]			
* Pancreas		Lymphoma Malignant	
* Preputial Gland	Duct	Cyst	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 117

**TRT#:** 5  
**DOSE:** 3 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 730  
**HISTO:** 9700997

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Cyst TGLS = 2-8 ]		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Epidermis	Hyperplasia	Moderate
	Epidermis	Inflammation	Chronic Active, Marked
		Ulcer	Marked
[ Inflammation TGLS = 1-9 ]			
[ Ulcer TGLS = 1-9 ]			
* Spleen		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 118

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700998

**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, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Duodenum		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		[ Eosinophilic Focus TGLS = 1-9 ]	
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		[ Alveolar/Bronchiolar Adenoma TGLS = 2-9A ]	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 118

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700998

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Salivary Glands

Infiltration Cellular

Mononuclear CI, Minimal

\* Stomach, Forestomach

Squamous Cell Papilloma

[ Squamous Cell Papilloma TGLS = 3-9 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 119

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9700999

**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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Granuloma Sperm	Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 12-9 ]		
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
			[ Eosinophilic Focus TGLS = 11-5 ]
			[ Hepatocellular Adenoma TGLS = 10-9 ]
* Lung		Lymphoma Malignant	
Lymph Node	Deep Cervical	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 119      **TRT#:** 5      **SEX:** Male      **DAY ON TEST:** 731  
**DOSE:** 3 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9700999

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Lymphoma Malignant TGLS = 6-9 ]			
[ Lymphoma Malignant TGLS = 8-10 ]			
[ Lymphoma Malignant TGLS = 9-11 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-5 ]			
Mesentery		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 13-11 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
[ Cyst TGLS = 3-8 ]			
* Prostate		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Epidermis	Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Moderate
	Epidermis, Pinna	Hyperplasia	Moderate
	Pinna	Inflammation	Chronic Active, Mild
		Inflammation	Chronic Active, Minimal
	Epidermis, Pinna	Ulcer	Marked
[ Hyperplasia TGLS = 1-10 ]			
[ Hyperplasia TGLS = 2-11 ]			
[ Ulcer TGLS = 2-11 ]			
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-4 ]			
* Stomach, Glandular	Glands	Ectasia	Minimal
Note: TGL#13-11: Nodule, documented at trim, is mesenteric nodule of malignant lymphoma.			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 120

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701000

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Cyst Inflammation	Mild Chronic Active, Mild
[ Cyst TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 121

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701001

**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, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hyperplasia Hypertrophy	Minimal Mild Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Duodenum		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Mild
* Liver		Clear Cell Focus Eosinophilic Focus	
		[ Clear Cell Focus TGLS = 1-9 ]	
		[ Eosinophilic Focus TGLS = 2-9 ]	
* Parathyroid Gland		Cyst	Mild
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Salivary Glands		Mineralization	Minimal
* Stomach, Forestomach	Epithelium Epithelium	Hyperplasia Inflammation	Moderate Chronic Active, Mild
		[ Hyperplasia TGLS = 3-10 ]	
* Stomach, Glandular	Glands	Ectasia	Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 121

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701001

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 122

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701002

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 123

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701003

**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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 124

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701004

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[ Clear Cell Focus TGLS = 3-10 ]		
	[ Eosinophilic Focus TGLS = 3-10 ]		
	[ Hepatocellular Adenoma TGLS = 1,2,3-9+3+10 ]		
	[ Mixed Cell Focus TGLS = 3-10 ]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Preputial Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Prostate		Infiltration Cellular	Mononuclear Cl, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 124

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701004

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Stomach, Glandular

Glands

Ectasia

Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 125

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701005

**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	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 126

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701006

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Moderate
		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
[ Cyst TGLS = 1-9 ]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[ Eosinophilic Focus TGLS = 3-5 ]			
[ Hepatocellular Adenoma TGLS = 2,4-3+9 ]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Prostate		Infiltration Cellular	Mononuclear Cl, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Seminal Vesicle		Infiltration Cellular	Mononuclear Cl, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 126

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701006

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 127

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701007

**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	* 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
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	[ Eosinophilic Focus TGLS = 3-9 ]		
	[ Hepatocellular Adenoma TGLS = 2-4 ]		
* Lung	Alveolar Epith	Hyperplasia	Mild
	[ Hyperplasia TGLS = 4-3 ]		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
	Note: Foreign bodies are hair.		
* Spleen		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLS = 1-4 ]		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 127

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701007

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 128

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701008

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Jejunum		Adenocarcinoma	
[ Adenocarcinoma TGLS = 2-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Carcinoma TGLS = 1-4 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
* Preputial Gland		Inflammation	Chronic Active, Marked
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 128

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701008

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 129

**TRT#:** 5  
**DOSE:** 3 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9701009

**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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
[ Cyst TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
[ Adenoma TGLS = 2-3 ]			
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 129

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701009

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 130

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701010

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atypia Cellular	Minimal
		Cyst	Minimal
		Ectopic Parathyroid Gland	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 131

**TRT#:** 5  
**DOSE:** 3 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** 9701011

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Mild
* Epididymis		Mineralization	Minimal
* Heart		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst Infiltration Cellular Mineralization Nephropathy	Minimal Mononuclear CI, Minimal Minimal Minimal
* Liver		Inflammation Mixed Cell Focus	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Oral Mucosa	Gingival	Foreign Body	
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes		Atrophy	Marked
		[ Atrophy TGLS = 1-7 ]	
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 131

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701011

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 132

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701012

**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	* Liver	* 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

**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 133

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701013

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular Capsule	Adenoma Hyperplasia Hypertrophy Infiltration Cellular	Mild Mild Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Cyst	Mild
* Kidney	Cortex	Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver	Hepatocyte	Hepatocellular Adenoma Inflammation Vacuolization Cytoplasmic	Chronic Active, Minimal Mild
	[ Hepatocellular Adenoma TGLS = 1-4 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 134

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701014

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Hyperplasia Infiltration Cellular Mineralization Nephropathy	Mild Mononuclear CI, Minimal Minimal Minimal
* Liver		Basophilic Focus Eosinophilic Focus Inflammation	  Chronic Active, Minimal
[ Eosinophilic Focus TGLS = 2-9 ]			
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	 Chronic Active, Mild
Note: Foreign bodies are hair.			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Mild
[ Cyst TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 134

**TRT#:** 5  
**DOSE:** 3 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** 9701014

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Seminal Vesicle		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach [ Cyst TGLS = 3-9 ]		Cyst	Squamous, Moderate
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 135

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Natural Death

**HISTO:** 9701015

**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	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver	Centrilobular, Hepatocyte	Degeneration	Moderate
	Hepatocyte, Portal	Hepatocellular Carcinoma	
		Hypertrophy	Moderate
		Pigmentation	Mild
	[ Hepatocellular Carcinoma TGLS = 2-4 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
		Infiltration Cellular	Polymorphnuclr, Moderate
* Nose		Foreign Body	
	Nasolacrim Dct	Inflammation	Suppurative, Marked
		Inflammation	Chronic Active, Marked
Note: Foreign bodies are hair.			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair and food particles.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Germinal Epith	Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 135	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 3 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9701015

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Atrophy TGLS = 1-7 ]

* Thymus	Ectopic Parathyroid Gland	Mild
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PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung	Hepatocellular Carcinoma Liver

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 136

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701016

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	

Note: TGL#1-9-Looks like a hepatocellular carcinoma arising in an hepatocellular adenoma.

[ Eosinophilic Focus TGLS = 2,3-5+9 ]

[ Hepatocellular Carcinoma TGLS = 1-9 ]

Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 137

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 612

**DOSE:** 3 MG/KG

**DISP:** Natural Death

**HISTO:** 9701017

**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, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Intestine Small, Duodenum		Adenocarcinoma	
[ Adenocarcinoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Carcinoma	Metastatic (Intestine Small, Duodenum)
		Fibrosis	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Mineralization	Mild
		Pigmentation	Minimal
[ Hepatocellular Adenoma TGLS = 3,5,6-5+9+10 ]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Carcinoma	Metastatic (Intestine Small, Duodenum)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
[ Alveolar/Bronchiolar Adenoma TGLS = 4-3 ]			
[ Carcinoma TGLS = 4-3 ]			
Lymph Node	Mediastinal	Carcinoma	Metastatic (Intestine Small, Duodenum)

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 137

**TRT#:** 5  
**DOSE:** 3 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:** 612  
**HISTO:** 9701017

**ORGAN AND ACCOUNTABLE SITE STATUS**

Mesentery		Carcinoma	Metastatic (Intestine Small, Duodenum)
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Intestine Small, Duodenum)
Skeletal Muscle		Carcinoma	Metastatic (Intestine Small, Duodenum)
[ Carcinoma TGLS = 2-10 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH** - Intestine Small, Duodenum Adenocarcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 138

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701018

**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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2,3-4+9 ]		
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	[ Cyst TGLS = 1-8 ]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 139

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701019

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: TGL#2-9-NCL: Liver focus, documented at trim, not apparent histologically. [ Mixed Cell Focus TGLS = 1-9 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 139

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701019

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 140

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 694

**DOSE:** 3 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9701020

**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	* Pancreas	* Parathyroid Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
		Hepatocholangiocarcinoma	
		[ Hepatocellular Carcinoma TGLS = 3-4 ]	
		[ Hepatocholangiocarcinoma TGLS = 2-9 ]	
* Lung	Serosa	Hepatocholangiocarcinoma	Metastatic (Liver)
		Hepatocholangiocarcinoma	Metastatic (Liver)
		Note: TGL#7-11: Nodules (metastatic hepatocholcarc from liver) lining thoracic cavity.	
		[ Hepatocholangiocarcinoma TGLS = 4,5,6-3+9+10 ]	
* Nose		Foreign Body	
		Inflammation	Chronic Active, Mild
		Note: Foreign bodies are hair.	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
		Note: Foreign bodies are hair.	
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland	Duct	Cyst	Mild
		[ Cyst TGLS = 1-8 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 140

**TRT#:** 5  
**DOSE:** 3 MG/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 694  
**HISTO:** 9701020

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal

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**PRIMARY CAUSE OF DEATH** - Liver Hepatocholangiocarcinoma

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 141

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701021

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
		Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stom Forestom			
Note: TGL#1-5-NCL: Forestomach nodule, documented at trim, not evident histologically.			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Testes	Germinal Epith	Atrophy	Mild
		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 141

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701021

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 142

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701022

**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, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Thymus
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**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Duodenum		Ectasia	Mild
Note: Ectatic Brunner's gland in mucosa.			
* Islets, Pancreatic		Adenoma Hyperplasia	Mild
[ Adenoma TGLS = 2-5 ]			
* Kidney	Cortex	Cyst Infiltration Cellular Mineralization Nephropathy	Mild Mononuclear CI, Minimal Minimal Mild
* Liver		Hepatocellular Adenoma Infiltration Cellular Inflammation Mixed Cell Focus	Mononuclear CI, Minimal Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 3-9 ]			
[ Mixed Cell Focus TGLS = 4-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 142	<b>TRT#:</b> 5 <b>DOSE:</b> 3 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 9701022
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Preputial Gland [ Cyst TGLS = 1-8 ]	Duct	Cyst Infiltration Cellular	Mild Mononuclear CI, Minimal
* Salivary Glands * Stomach, Glandular	Glands	Infiltration Cellular Ectasia	Mononuclear CI, Minimal Minimal

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 143

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701023

**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	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Minimal
* Liver		Clear Cell Focus Hepatocellular Adenoma Mixed Cell Focus	
		[ Hepatocellular Adenoma TGLS = 2-9 ]	
		[ Mixed Cell Focus TGLS = 2-9 ]	
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Cyst	Mild
		[ Cyst TGLS = 1-8 ]	
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 143

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701023

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 144

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701024

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-9 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
	[ Cyst TGLS = 2-8 ]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Ectopic Parathyroid Gland	Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 145

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 502

**DOSE:** 3 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9701025

**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	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 1-9 ]			
* Int Lg Cecum			
Note: Cecum is on slide #05.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Mixed Cell Focus	
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Lymph Node, Mandibular		Carcinoma	Metastatic (Harderian Gland)
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 145

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 502

**DOSE:** 3 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9701025

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 146

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701026

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Moderate Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Renal Tubule	Hyperplasia	Mild
		Infarct	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: TGL#1-10: Two of the three liver foci, documented at necropsy, are demonstrated histologically.			
Note: TGL#2-11-NCL: Liver focus, documented at necropsy, not demonstrated histologically.			
[ Clear Cell Focus TGLS = 1-10 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
[ Alveolar/Bronchiolar Adenoma TGLS = 4-9 ]			
[ Hyperplasia TGLS = 3-9 ]			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 146

**TRT#:** 5  
**DOSE:** 3 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** 9701026

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 147

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Natural Death

**HISTO:** 9701027

**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, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Bone			
Note: TGL#4-10: Rib nodules, documented at trim, are metastatic carcinoma of Harderian Gld. origin involving the skeletal muscle.			
* Bone Marrow		Hyperplasia	Marked
Harderian Gland		Carcinoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Carcinoma	Metastatic (Harderian Gland)
		Hematopoietic Cell Proliferation	Minimal
[ Carcinoma TGLS = 2-5 ]			
* Lung	Mediastinum	Carcinoma	Metastatic (Harderian Gland)
		Carcinoma	Metastatic (Harderian Gland)
[ Carcinoma TGLS = 3-3 ]			
* Lymph Node, Mandibular		Carcinoma	Metastatic (Harderian Gland)
[ Carcinoma TGLS = 6-2 ]			
* Nose		Carcinoma	Metastatic (Harderian Gland)
[ Carcinoma TGLS = 1-9 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 147

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 3 MG/KG

**DISP:** Natural Death

**HISTO:** 9701027

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Preputial Gland	Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
Skeletal Muscle [ Carcinoma TGLS = 4,5-10+11 ]	Carcinoma	Metastatic (Harderian Gland)
* Spleen	Hematopoietic Cell Proliferation	Moderate

**PRIMARY CAUSE OF DEATH** - Harderian Gland Carcinoma

Animal Note: Because of this, the exact site of origin was difficult to determine & is based on the morphology of the cells in the metastatic focus in the liver which

Animal Note: TGL#1-9: Tissue NOS mass involving the head, and documented at necropsy, is Harderian gland carcinoma histologically.

Animal Note: resemble cells of Harderian Gland origin.

Animal Note: This mouse has a disseminated, poorly diff., anaplastic neoplasm throughout the body. Appears as a Ca, Sa, or Carcinosarc. depending on the area being viewed.

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 148

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701028

**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, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Mild
* Liver		Eosinophilic Focus Hepatocellular Adenoma Mixed Cell Focus	
		[ Hepatocellular Adenoma TGLS = 3-9 ]	
		[ Mixed Cell Focus TGLS = 2-9 ]	
* Preputial Gland	Duct	Cyst Infiltration Cellular	Moderate Mononuclear CI, Mild
		[ Cyst TGLS = 1-8 ]	
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 149      **TRT#:** 5      **SEX:** Male      **DAY ON TEST:** 731  
**DOSE:** 3 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9701029

**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
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 2-4 ]		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
	[ Cyst TGLS = 1-8 ]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 149

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701029

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 150

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 703

**DOSE:** 3 MG/KG

**DISP:** Natural Death

**HISTO:** 9701030

**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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
Coagulating Gland		Inflammation	Suppurative, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Suppurative, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Note: Bacterial colonies in renal cortical tubule. [ Inflammation TGLS = 2-4 ] [ Nephropathy TGLS = 2-4 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Prostate		Inflammation	Suppurative, Moderate
* Thymus		Cyst	Mild
	Thymocyte	Necrosis	Mild
* Urinary Bladder		Hemorrhage	Moderate
		Inflammation	Suppurative, Mild

Note: Distended urinary bladder, documented at necropsy, confirmed histologically.

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 150

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 703

**DOSE:** 3 MG/KG

**DISP:** Natural Death

**HISTO:** 9701030

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hemorrhage TGLS = 1-4 ]

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PRIMARY CAUSE OF DEATH

- Prostate Inflammation

CONTRIBUTORY CAUSE OF DEATH

- Coagulating Gland Inflammation;Urinary Bladder Hemorrhage;Urinary Bladder Inflammation

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Animal Note: Histopathologic findings consistent with a diagnosis of urinary tract inflammation and obstruction.

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 151

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701031

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* 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
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
		Hypertrophy	Minimal
Eye			
Note: TGL#2-9-NCL: Eyes considered to be within normal limits histologically.			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear Cl, Minimal
* Prostate		Infiltration Cellular	Mononuclear Cl, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Thymus		Cyst	Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 152

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701032

**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	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 153

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701033

**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, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Intestine Small, Duodenum		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 154

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701034

**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	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
Oral Mucosa	Gingival	Foreign Body	
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
		[ Infiltration Cellular TGLS = 1-8 ]	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 155

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701035

**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	* Preputial Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Mild
* Liver		Hematopoietic Cell Proliferation Infiltration Cellular Inflammation	Minimal Mononuclear CI, Minimal Chronic Active, Minimal
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Acute, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 156

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701036

**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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 157

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701037

**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, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Duodenum		Adenoma	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 158

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701038

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hyperplasia Hypertrophy	Minimal Moderate Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Mononuclear CI, Minimal Minimal Mild
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 159

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701039

**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	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Inflammation	Chronic Active, Mild
* Heart		Inflammation	Chronic Active, Mild
		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mononuclear Cl, Minimal
		Pigmentation	Minimal
	[ Hepatocellular Adenoma TGLS = 2,5-9+5 ]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Mediastinum	Inflammation	Chronic Active, Mild
	[ Alveolar/Bronchiolar Adenoma TGLS = 3,4-10+11 ]		
* Lymph Node, Mesenteric		Inflammation	Chronic Active, Moderate
* Pancreas		Infiltration Cellular	Mononuclear Cl, Mild
	Artery	Mineralization	Mild
* Preputial Gland	Duct	Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 159

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701039

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**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Prostate

Infiltration Cellular

Mononuclear CI, Minimal

\* Salivary Glands

Infiltration Cellular

Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH**

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Animal Note: TGL#2-9: Tissue NOS/Stomach mass, documented at necropsy, is infarcted hepatocel lular adenoma histologically.

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 160

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701040

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear Cl, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 3-5 ]		
	[ Hepatocellular Carcinoma TGLS = 2-4 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic Active, Mild
	[ Alveolar/Bronchiolar Adenoma TGLS = 4-3 ]		
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear Cl, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 160

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701040

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Cyst TGLS = 1-8 ]

\* Prostate

Infiltration Cellular

Mononuclear CI, Minimal

\* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 161	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 3
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Dosing Accident	<b>HISTO:</b> 9701041

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* 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

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Esophagus		Inflammation	Chronic Active, Marked
[ Inflammation TGLS = 1-9 ]			
* Lung	Pleura	Inflammation	Chronic Active, Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 162

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 621

**DOSE:** 6 MG/KG

**DISP:** Natural Death

**HISTO:** 9701042

**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	* Preputial Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild

[ Hepatocellular Carcinoma TGLS = 1-4+5+9 ]

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 163

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701043

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-3 ]		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
	[ Cyst TGLS = 1-8 ]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 163

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701043

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Salivary Glands

Infiltration Cellular

Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 164

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701044

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 1-9 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland		Atypia Cellular	Mild
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
		Ectopic Parathyroid Gland	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 165	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 481
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> 9701045

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 166	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 481
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> 9701046

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

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<b>PRIMARY CAUSE OF DEATH</b>	- UNCERTAIN
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 167

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701047

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

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 168

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701048

**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
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:00:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 169	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 481
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> 9701049

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
* 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

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Mesentery		Inflammation	Chronic Active, Mild
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 170

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701050

**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 Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Intestine Large, Rectum	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 171

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701051

**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	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 172

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701052

**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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Pigmentation	Minimal
[ Cyst TGLS = 2-4 ]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Mild
[ Cyst TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 172

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701052

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 173

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701053

**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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear Cl, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Mild
Note: Foreign bodies are hair.			
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear Cl, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear Cl, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 174

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701054

**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	* Liver	* 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**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 175

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701055

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Adenoma	
	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
[ Adenoma TGLS = 2-10 ]			
[ Cyst TGLS = 3-10 ]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[ Eosinophilic Focus TGLS = 4-9 ]			
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Lung	Alveolar Epith	Hyperplasia	Mild
[ Hyperplasia TGLS = 5-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 175

**TRT#:** 7  
**DOSE:** 6 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9701055

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE





**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 176

**TRT#:** 7  
**DOSE:** 6 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9701056

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Cyst TGLS = 1-8 ]  
\* Salivary Glands  
\* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

Infiltration Cellular

Mononuclear CI, Minimal

Infiltration Cellular

Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 177

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 623

**DOSE:** 6 MG/KG

**DISP:** Natural Death

**HISTO:** 9701057

**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
* Liver	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
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**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Mineralization	Minimal
* Lung	Inflammation	Chronic Active, Moderate
	Thrombosis	Moderate
* Urinary Bladder	Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

- Lung Thrombosis

CONTRIBUTORY CAUSE OF DEATH

- Lung Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 178

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701058

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Prostate		Infiltration Cellular	Mononuclear Cl, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Stomach, Glandular		Mineralization	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear Cl, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 179

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701059

**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	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-3+5 ]			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular		Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 180

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701060

**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

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 181	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 481
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> 9701061

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Intestine Small, Jejunum		Adenocarcinoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 182	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 481
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> 9701062

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

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**MISSING**

\* Mammary Gland

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**INSUFFICIENT TISSUE**

\* Pituitary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
[ Hepatocellular Carcinoma TGLS = 1-5 ]			
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 183

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701063

**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	* Liver	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 184

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701064

**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	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Hypertrophy	Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Preputial Gland	Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 185

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701065

**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
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Liver	Hepatocyte	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 1,2-5+9 ]		
Oral Mucosa	Gingival	Foreign Body	
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 186	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 481
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> 9701066

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

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**MISSING**

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

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: Only one adrenal gland available for histologic examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3-5+9 ]			
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
		Infiltration Cellular	Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 187	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 481
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> 9701067

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Kidney
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

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

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
[ Cyst TGLS = 1-8 ]			
[ Inflammation TGLS = 1-8 ]			
* Thymus		Cyst	Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 188

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701068

**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	* Pituitary Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Harderian Gland			
Note: Gallbladder on slide #04			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
Note: Section of left liver lobe on slide #03.			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 189

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701069

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 190

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701070

**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	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 191	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 481
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> 9701071

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 1-9 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Acute, Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 192

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701072

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 193

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701073

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[ Alveolar/Bronchiolar Adenoma TGLS = 2-9 ]		
* Preputial Gland	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
	[ Cyst TGLS = 1-8 ]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 194	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 481
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> 9701074

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

\* Mammary Gland

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**INSUFFICIENT TISSUE**

\* Pituitary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Parathyroid Gland		Cyst	Mild
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 195

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 481

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701075

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 196

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701076

**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, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Intestine Small, Ileum	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 2,3-9+4 ]		
* Preputial Gland	Duct	Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 197

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701077

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Mild
* Lung		Inflammation	Chronic Active, Minimal
* Preputial Gland		Infiltration Cellular	Mononuclear Cl, Mild
		Inflammation	Chronic Active, Marked
	[ Inflammation TGLS = 1-8 ]		
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear Cl, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 198

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701078

**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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
		[ Hepatocellular Adenoma TGLS = 2-10 ]	
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
		Lymphoma Malignant	
		Note: TGL#3-9: Hepatic lymph node.	
		[ Lymphoma Malignant TGLS = 3-9 ]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 4-10 ]	
* Prostate		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
Skeletal Muscle		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 198

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701078

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-4 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 199

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 710

**DOSE:** 6 MG/KG

**DISP:** Natural Death

**HISTO:** 9701079

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**INSUFFICIENT TISSUE**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Jejunum		Adenocarcinoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		[ Eosinophilic Focus TGLS = 5-5 ]	
		[ Hepatocellular Carcinoma TGLS = 4-9 ]	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland		Infiltration Cellular	Mononuclear CI, Mild
		[ Infiltration Cellular TGLS = 1-8 ]	
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		[ Hematopoietic Cell Proliferation TGLS = 3-4 ]	
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 199

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 710

**DOSE:** 6 MG/KG

**DISP:** Natural Death

**HISTO:** 9701079

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 200

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701080

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy Pheochromocytoma Benign	Minimal Mild
* Adrenal Medulla		Infiltration Cellular	Mononuclear CI, Minimal
* Epididymis		Hyperplasia	Mild
* Islets, Pancreatic		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Mild
* Lung		Mineralization	Minimal
Oral Mucosa	Gingival Gingival	Foreign Body Inflammation	Acute, Minimal
Note: Foreign bodies are hair.			
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 201

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 593

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9701081

**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	* 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	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Heart	Valve	Inflammation	Suppurative, Marked
Note: Heart valve contains a large amount of bacterial colonies. Consistent with a diagnosis of vegetative valvular endocarditis.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Multiple, Mild
	Papilla	Inflammation	Acute, Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic Active, Moderate
		Thrombosis	Marked

[ Hyperplasia TGLS = 1-7 ]

[ Inflammation TGLS = 1-7 ]

[ Thrombosis TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

- Heart Valve Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 202

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701082

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Thymus	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 2-5 ]			
* Ovary		Pigmentation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 203

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 645  
**HISTO:** 9701083

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Uterus			

**MISSING**

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Esophagus	Periesoph Tiss	Inflammation	Chronic Active, Mild
* Gallbladder		Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic Active, Mild
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Spleen		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH** - Esophagus Periesoph Tiss Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 204

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9701084

**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
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 205

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701085

**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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Necrosis	Mild
* Ovary		Cyst	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 206      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 732  
**DOSE:** 0 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9701086

**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	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLS = 2-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 207

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 607  
**HISTO:** 9701087

**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	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

Blood Vessel	* Lymph Node, Mandibular	* Salivary Glands
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**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Int Lg Cecum			
Note: Cecum on slide #05.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
Mesentery		Schwannoma Malignant	Metastatic (Skin)
* Ovary		Pigmentation	Minimal
Skeletal Muscle		Schwannoma Malignant	Metastatic (Skin)
[ Schwannoma Malignant TGLS = 1-9 ]			
* Skin		Inflammation	Chronic Active, Marked
	Subcut Tiss	Schwannoma Malignant	
	Epidermis	Ulcer	Marked
[ Inflammation TGLS = 2-8 ]			
[ Schwannoma Malignant TGLS = 2-8 ]			
[ Ulcer TGLS = 2-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 207

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 607  
**HISTO:** 9701087

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thymus	Cyst	Minimal
* Uterus	Hydrometra	Mild

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PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Schwannoma Malignant  
CONTRIBUTORY CAUSE OF DEATH - Skeletal Muscle Schwannoma Malignant Skin

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 208

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 709  
**HISTO:** 9701088

**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	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
Note: TGL#4-4+5-NCL: Liver discoloration, documented at necropsy due to mild autolysis.			
			[ Hepatocellular Adenoma TGLS = 2-8 ]
			[ Hepatocellular Carcinoma TGLS = 3-4 ]
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery		Fibrosis	Marked
		Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
			[ Fibrosis TGLS = 1-7 ]
			[ Inflammation TGLS = 1-7 ]
			[ Necrosis TGLS = 1-7 ]
* Ovary			
Note: Only one ovary available for histopathologic examination.			
Note: TGL#1-7: Enlarged ovary, documented at necropsy, is mesenteric fat nodule histologically.			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 208

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 709  
**HISTO:** 9701088

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 209

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 623  
**HISTO:** 9701089

**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	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland		Lymphoma Malignant	
* Heart		Mineralization	Minimal
* Int Sm Duoden			
Note: TGL#5-5-NCL: Discoloration, documented at necropsy, due to autolysis.			
* Int Sm Ileum			
Note: TGL#7-4-NCL: Discoloration, documented at necropsy, due to autolysis.			
* Int Sm Jejunum			
Note: TGL#6-5-NCL; Discoloration, documented at necropsy, due to autolysis.			
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Lymphoma Malignant	
		[ Accumulation, Hyaline Droplet TGLS = 4-4 ]	
		[ Lymphoma Malignant TGLS = 4-4 ]	
* Liver		Lymphoma Malignant	
		Necrosis	Marked
	Hepatocyte	Vacuolization Cytoplasmic	Mild
		[ Lymphoma Malignant TGLS = 2-5 ]	
		[ Necrosis TGLS = 3-8 ]	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 8-5 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 209

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 623

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9701089

**ORGAN AND ACCOUNTABLE SITE STATUS**

Mesentery		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
* Stomach, Glandular		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 210

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 704

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9701090

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Lymphoma Malignant	Mild
<p>Note: Only one adrenal gland available for histopathologic examination.</p>			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hemangiosarcoma Lymphoma Malignant	
<p>[ Hemangiosarcoma TGLS = 2-4 ]</p>			
* Liver		Lymphoma Malignant Pigmentation	Minimal
* Lung		Lymphoma Malignant	
* Ovary		Cyst	Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hemangiosarcoma Lymphoma Malignant	
<p>[ Lymphoma Malignant TGLS = 3-4 ]</p>			
* Stomach, Glandular		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hydrometra	Mild

**PRIMARY CAUSE OF DEATH**

- Kidney Hemangiosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 211

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 732  
**HISTO:** 9701091

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Large, Cecum		Leiomyoma	
[ Leiomyoma TGLS = 2-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
[ Hepatocellular Adenoma TGLS = 3,4-9+5 ]			
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 212

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 653

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9701092

**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	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
		[ Hepatocellular Adenoma TGLS = 3-4 ]	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 1-4 ]	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hydrometra	Mild

**PRIMARY CAUSE OF DEATH**

- Spleen Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 213

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701093

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Hemangioma	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 214

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701094

**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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
		Nephropathy	Mild
[ Lymphoma Malignant TGLS = 5-9 ]			
* Liver		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
* Lymph Node, Mesenteric		Ectasia	Marked
		Hemorrhage	Mild
		Pigmentation	Mild
Note: TGL#3-9: Mesenteric nodule, documented at necropsy, is ectatic mesenteric lymph node with associated hemorrhage.			
[ Ectasia TGLS = 3-9 ]			
[ Hemorrhage TGLS = 3-9 ]			
Mesentery		Fibrosis	Mild
		Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-10 ]			
* Ovary		Cyst	Mild
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-4 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 214	<b>TRT#:</b> 2 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 9701094
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Stomach, Forestomach [ Hyperplasia TGLS = 6-11 ]	Epithelium	Hyperplasia	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus [ Hydrometra TGLS = 1-7 ]		Hydrometra	Marked

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 215	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9701095

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

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**MISSING**

\* Parathyroid Gland

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked

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[ Hydrometra TGLS = 1-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE





**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 216

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701096

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hydrometra TGLS = 1-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 217

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 732  
**HISTO:** 9701097

**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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Eye		Atrophy	Marked
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Clear Cell Focus TGLS = 3-4 ]			
[ Eosinophilic Focus TGLS = 4-4 ]			
* Mammary GI			
Note: TGL#5-10: Mammary gland mass, documented at necropsy, is subcutaneous fibrosarcoma histologically.			
Mesentery		Fibrosis	Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-9 ]			
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[ Fibrosarcoma TGLS = 5-10 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 217

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 732  
**HISTO:** 9701097

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**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Urinary Bladder

Hemangiosarcoma  
Infiltration Cellular  
Pigmentation

Mononuclear CI, Marked  
Mild

[ Hemangiosarcoma TGLS = 1-4 ]

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 218

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 732  
**HISTO:** 9701098

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Mesentery		Fibrosis	Mild
		Inflammation	Chronic Active, Minimal
	Fat	Necrosis	Marked
[ Necrosis TGLS = 1-9 ]			
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 219

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9701099

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
Mesentery		Mineralization	Mild
		Sarcoma	
[ Sarcoma TGLS = 1-9 ]			
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 220

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701100

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Uterus	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone	Cranium	Carcinoma	Metastatic (Harderian Gland)
* Bone Marrow		Hyperplasia	Moderate
Eye		Carcinoma	Metastatic (Harderian Gland)
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Carcinoma	Metastatic (Harderian Gland)
		Pigmentation	Minimal
Lymph Node	Pancreatic	Fibrosis	Mild
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mandibular		Carcinoma	Metastatic (Harderian Gland)
[ Carcinoma TGLS = 2-2 ]			
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose		Carcinoma	Metastatic (Harderian Gland)
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Cyst	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 220

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9701100

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 221

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701101

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
* Lung		Mineralization	Minimal
* Ovary		Cyst	Marked
[ Cyst TGLS = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 222

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701102

**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	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
Note: TGL#2-5-NCL: liver focus, documented at necropsy, not apparent histologically.			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Marked

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 223

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9701103

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
Note: TGL#4-5-NCL: Liver focus, documented at trim, not demonstrated histologically.			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: TGL#2-9-NCL: Lung focus, documented at necropsy, not demonstrated histologically. [ Alveolar/Bronchiolar Adenoma TGLS = 1-9 ] [ Alveolar/Bronchiolar Carcinoma TGLS = 3-9 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
Skeletal Muscle		Infiltration Cellular	Mononuclear CI, Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 224

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 625

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9701104

**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	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Ovary		Cyst	Mild
[ Cyst TGLS = 1-7 ]			
Peripheral Nerve	Axon, Sciatic	Degeneration	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Spinal Cord		Demyelination	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	Epithelium	Inflammation	Chronic Active, Minimal
	Epithelium	Ulcer	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Peripheral Nerve Axon Sciatic Degeneration

CONTRIBUTORY CAUSE OF DEATH

- Spinal Cord Demyelination

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 225

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701105

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone		Osteosclerosis	Marked
Note: TGL#2-9: May represent an area of previous inflammation or fracture. [ Osteosclerosis TGLS = 2-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Skin			
Note: TGL#2-9: Skin nodule, documented at necropsy, is osteosclerosis of coccygeal vertebrae histologically.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
		Mineralization	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 225

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 732  
**HISTO:** 9701105

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**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

\* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

[ Hyperplasia TGLS = 1-7 ]

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 226

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 662  
**HISTO:** 9701106

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-8 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Mineralization	Minimal
* Nose		Inflammation	Suppurative, Mild
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Mild
[ Hydrometra TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 227                      **TRT#:** 2                      **SEX:** Female                      **DAY ON TEST:** 732  
**DOSE:** 0 MG/KG                      **DISP:** Terminal Sacrifice                      **HISTO:** 9701107

**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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
[ Hepatocellular Adenoma TGLS = 4,5,6-4+9+EP2827 ]			
[ Mixed Cell Focus TGLS = 3-5 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Thymus		Cyst	Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**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:** 731  
**HISTO:** 9701108

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[ Eosinophilic Focus TGLS = 2-9 ]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Pigmentation	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hydrometra	Marked

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 229

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 687  
**HISTO:** 9701109

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Chronic Active, Minimal
* Liver		Eosinophilic Focus	
* Ovary		Cyst	Marked
[ Cyst TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Erosion	Mild
[ Erosion TGLS = 2-8 ]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** - UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 230

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701110

**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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[ Hepatocellular Adenoma TGLS = 2,3-5+9 ]			
Lymph Node	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-6 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-5+9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[ Hematopoietic Cell Proliferation TGLS = 5-4 ]			
[ Lymphoma Malignant TGLS = 5-4 ]			
* Thymus		Cyst	Mild
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 231

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9701111

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
		Pigmentation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Cyst	Mild
Note: Only one ovary available for histopathologic examination.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 232

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 671

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9701112

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* 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	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

* Lymph Node, Mesenteric	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histopathologic examination.			
* Heart	Artery	Mineralization	Mild
* Kidney	Capsule	Mineralization	Mild
		Mineralization	Minimal
* Lung	Artery, Mediastinum	Mineralization	Mild
		Mineralization	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[ Fibrosarcoma TGLS = 2-8 ]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** - Skin Subcut Tiss Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 233      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 732  
**DOSE:** 0 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9701113

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Large, Cecum		Leiomyoma	
[ Leiomyoma TGLS = 3-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Note: TGL#2-5-NCL: Liver focus, documented at trim, not demonstrated histologically.			
Mesentery		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
		Mineralization	Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 4-10 ]			
* Pituitary Gland	Pars Intermed	Adenoma	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 233	<b>TRT#:</b> 2 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 732 <b>HISTO:</b> 9701113
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Uterus	Endometrium	Hydrometra Hyperplasia	Marked Cystic, Mild
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[ Hydrometra TGLS = 1-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 234      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 732  
**DOSE:** 0 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9701114

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 3-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 4-9 ]			
* Ovary		Mineralization	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 235

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9701115

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

**MISSING**

* Adrenal Cortex	* Adrenal Medulla
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**OBSERVATIONS**

* Clitoral Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear Cl, Minimal
		Leiomyosarcoma	Metastatic (Uterus)
		Mineralization	Minimal
			[ Leiomyosarcoma TGLS = 5-12 ]
* Liver		Hepatocellular Adenoma	
			[ Hepatocellular Adenoma TGLS = 6-5 ]
* Lung		Alveolar/Bronchiolar Adenoma	
	Mediastinum	Leiomyosarcoma	Metastatic (Uterus)
Lymph Node	Mediastinal	Infiltration Cellular	Histiocyte, Marked
			[ Infiltration Cellular TGLS = 7-6 ]
Mesentery		Leiomyosarcoma	Metastatic (Uterus)
			[ Leiomyosarcoma TGLS = 4-11 ]
* Ovary			
			Note: Only one ovary available for histopathologic examination.
* Pancreas	Acinus	Atrophy	Marked
Skeletal Muscle		Leiomyosarcoma	Metastatic (Uterus)
			[ Leiomyosarcoma TGLS = 1-9 ]
* Spleen		Hematopoietic Cell Proliferation	Moderate

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 235

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 731  
**HISTO:** 9701115

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**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Urinary Bladder  
\* Uterus

Infiltration Cellular  
Hydrometra  
Leiomyosarcoma

Mononuclear CI, Minimal  
Moderate

[ Hydrometra TGLS = 2-7 ]

[ Leiomyosarcoma TGLS = 3-10 ]

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**PRIMARY CAUSE OF DEATH** - Uterus Leiomyosarcoma

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Animal Note: Tissue NOS - TGL#3-10: Pelvic mass, documented at necropsy, is uterine leiomyosarcoma histologically.

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 236

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 727  
**HISTO:** 9701116

**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
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Tension Lipidosis	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Mesentery		Fibrosis	Moderate
		Mineralization	Minimal
	Fat	Necrosis	Marked
[ Necrosis TGLS = 1-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[ Hyperplasia TGLS = 3-3 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 237

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701117

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Minimal
[ Inflammation TGLS = 2-8 ]			
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Pigmentation	Minimal
[ Clear Cell Focus TGLS = 3-10 ]			
[ Eosinophilic Focus TGLS = 4-9 ]			
[ Mixed Cell Focus TGLS = 6-4 ]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
		Mineralization	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 237	<b>TRT#:</b> 2 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 732 <b>HISTO:</b> 9701117
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Stomach, Forestomach [ Diverticulum TGLS = 5-5 ]		Diverticulum	
* Thymus		Cyst	Minimal
* Urinary Bladder Note: Urinary bladder on slide #05.		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 238

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9701118

**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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Basophilic Focus TGLS = 4-4 ]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLS = 5-10 ]			
Mesentery		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
		Mineralization	Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-9 ]			
* Ovary		Cyst	Moderate
		Hemangioma	
[ Cyst TGLS = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 238

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9701118

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hydrometra TGLS = 1-7 ]	Endometrium	Hyperplasia	Cystic, Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 239

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701119

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Large, Cecum		Leiomyoma	
[ Leiomyoma TGLS = 2-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[ Eosinophilic Focus TGLS = 1-5 ]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Pigmentation	Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Minimal
	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 240

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 732  
**HISTO:** 9701120

**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, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Small, Duodenum		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Mesentery		Fibrosis	Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-9 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 241      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 732  
**DOSE:** 0 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9701121

**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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[ Eosinophilic Focus TGLS = 3,4-10+9 ]			
* Lung		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-5 ]			
Mesentery		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 242

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701122

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone	Vertebra	Schwannoma Malignant	Metastatic (Skin)
	[ Schwannoma Malignant TGLS = 6-10 ]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
		Pigmentation	Minimal
	Note: Necrosis involves individual hepatocytes.		
	[ Hematopoietic Cell Proliferation TGLS = 4-4+5 ]		
* Lung	Artery	Schwannoma Malignant	Metastatic (Skin)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
	[ Hyperplasia TGLS = 5-2 ]		
	[ Infiltration Cellular TGLS = 5-2 ]		
* Mammary Gland		Hyperplasia	Cystic, Marked
		Schwannoma Malignant	Metastatic (Skin)
	[ Schwannoma Malignant TGLS = 1-9 ]		
* Ovary		Cyst	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 242	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9701122

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Cyst TGLS = 3-7 ]		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 7-6 ]			
Skeletal Muscle		Schwannoma Malignant	Metastatic (Skin)
[ Schwannoma Malignant TGLS = 1,6-9+10 ]			
* Skin	Subcut Tiss	Schwannoma Malignant	
[ Schwannoma Malignant TGLS = 1-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Hyperplasia	Mild
[ Hyperplasia TGLS = 2-7 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 243

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 732  
**HISTO:** 9701123

**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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[ Eosinophilic Focus TGLS = 3-9 ]			
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Leiomyoma	
[ Leiomyoma TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 244      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 732  
**DOSE:** 0 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9701124

**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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-5 ]			
Mesentery		Lymphoma Malignant	
* Ovary		Cyst	Moderate
		Mineralization	Mild
[ Cyst TGLS = 1-7 ]			
* Pituitary Gland	Pars Intermed	Adenoma	
* Urinary Bladder		Inflammation	Chronic Active, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 245	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 362
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9701125

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Uterus			

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Ovary		Pigmentation	Mild
		Teratoma Benign	
[ Teratoma Benign TGLS = 1-7 ]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH** - Ovary Teratoma Benign

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 246

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 668

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9701126

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Skin	Subcut Tiss	Lymphoma Malignant	
	Subcut Tiss	Sarcoma	Metastatic (Uncertain Primary Site)
[ Sarcoma TGLS = 1-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Stomach, Forestomach		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-10 ]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Sarcoma	Metastatic (Uncertain Primary Site)
* Uterus		Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH** - Skin Subcut Tiss Sarcoma Uncertain Primary Site

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 247

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701127

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 248	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 492
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9701128

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

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**MISSING**

* Intestine Small, Duodenum	* Lymph Node, Mesenteric	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Spleen			

Note: Spleen on slide #05.

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<b>PRIMARY CAUSE OF DEATH</b>	- UNCERTAIN
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 249

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9701129

**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	* 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		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Marked
[ Cyst TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 251

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701131

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Lymph Node, Mandibular		Pigmentation	Minimal
Mesentery		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
		Mineralization	Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-9 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 252

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701132

**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	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Intestine Small, Jejunum	Epithelium	Inflammation	Suppurative, Marked
		Lymphoma Malignant	
		Ulcer	Marked
[ Lymphoma Malignant TGLS = 2-10 ]			
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Lung		Mineralization	Minimal
Lymph Node	Lumbar	Ectasia	Moderate
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Ectasia TGLS = 7-11 ]			
[ Lymphoma Malignant TGLS = 6-6 ]			
[ Lymphoma Malignant TGLS = 5-10 ]			
[ Lymphoma Malignant TGLS = 7-11 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
		Pigmentation	Minimal
[ Lymphoma Malignant TGLS = 8-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 252	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9701132

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant TGLS = 1-9 ]			
Mesentery		Fibrosis	Mild
		Mineralization	Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-9 ]			
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[ Hematopoietic Cell Proliferation TGLS = 4-4 ]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 253

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701133

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Pigmentation	Minimal
		Pigmentation	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Cyst	Mild
		Ectopic Parathyroid Gland	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 254

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701134

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-9 ]			
* Ovary		Cyst	Marked
[ Cyst TGLS = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Moderate
		Lymphoma Malignant	
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[ Hydrometra TGLS = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 254

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701134

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 1-7 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 255

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 638

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9701135

**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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

**MISSING**

\* Thymus

**INSUFFICIENT TISSUE**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histopathological examination.			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-8 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 3-3 ]			
Mesentery		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
		Mineralization	Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 255	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 638
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9701135

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Ovary

Note: TGL#2-7: Ovarian mass,documented at necropsy, is necrotic mesenteric fat mass histologically.

Note: Only one ovary available for histopathological examination.

\* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

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PRIMARY CAUSE OF DEATH - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 256

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 667

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9701136

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* 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

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Meninges	Hemorrhage	Moderate
		Inflammation	Chronic Active, Minimal
[ Hemorrhage TGLS = 3-2 ]			
* Heart	Valve	Inflammation	Chronic Active, Marked
Note: Vegetative valvular endocarditis. Mitral and aortic valves contain numerous bacterial colonies.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Mild
* Liver		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Hemorrhage	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
		Necrosis	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

- Heart Valve Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 257

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 476

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9701137

**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	* Lung
* 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

**OBSERVATIONS**

* Lymph Node, Mandibular	Pigmentation	Mild
* Uterus	Hydrometra	Mild

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

Animal Note: TGL#2-9-NCL: Enlarged renal lymph node, documented at necropsy, not demonstrable histologically.

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 258

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701138

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Ovary		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[ Angiectasis TGLS = 1-6 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 259

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 521

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9701139

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	[ Fibrosarcoma TGLS = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLS = 2-4 ]		
* Thymus		Cyst	Mild
* Uterus		Hydrometra	Mild

**PRIMARY CAUSE OF DEATH**

- Skin Subcut Tiss Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 260

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701140

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thyroid Gland	Follicular Cel	Carcinoma	
[ Carcinoma TGLS = 1-3 ]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 261

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701141

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Tension Lipidosis	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 262

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701142

**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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Mild
		Pigmentation	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Uterus		Pigmentation	Mild
		Polyp Stromal	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 263

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 709

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9701143

**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	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

**MISSING**

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

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histopathological examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Moderate
		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Lymphoma Malignant	
		[ Clear Cell Focus TGLS = 4-8 ]	
		[ Lymphoma Malignant TGLS = 4-8 ]	
* Lung	Mediastinum	Mineralization	Moderate
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 2-8 ]	
		[ Lymphoma Malignant TGLS = 1-9 ]	
* Ovary		Pigmentation	Mild
* Stomach, Glandular	Glands	Ectasia	Mild
* Thymus		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 263

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 709

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9701143

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: TGL#1-9: Includes thymus as well as mediastinal lymph node histologically.

[ Lymphoma Malignant TGLS = 1-9 ]

\* Thyroid Gland

Follicle

Cyst

Mild

\* Uterus

Hydrometra

Marked

[ Hydrometra TGLS = 3-7 ]

PRIMARY CAUSE OF DEATH

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 264

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701144

**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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperkeratosis	Marked
	Epithelium	Inflammation	Chronic Active, Minimal
[ Hyperkeratosis TGLS = 2-9 ]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 265

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 644

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9701145

**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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Lung		Carcinoma	Metastatic (Thyroid Gland)
	Alveolar Epith	Hyperplasia	Mild
* Ovary		Pigmentation	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Carcinoma	

**PRIMARY CAUSE OF DEATH**

- Skin Subcut Tiss Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 266

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701146

**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	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
Mesentery		Hemorrhage	Marked
Note: Located in mesentery adjacent to ovary on slide #07.			
* Ovary		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 267

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701147

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histopathologic examination.			
Harderian Gland	Bilateral	Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Intestine Large, Cecum		Adenocarcinoma	
* Intestine Small, Duodenum		Adenoma	
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Mild
		Pigmentation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[ Hepatocellular Carcinoma TGLS = 4-9 ]			
* Lym Node Mesen			
Note: TGL#5-5-NCL: Enlarged mesenteric lymph node, documented at trim, within normal limits histologically.			
* Lymph Node, Mandibular		Pigmentation	Minimal
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Minimal
Note: Foreign bodies are hair.			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 267	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9701147

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Ovary [ Cystadenoma TGLS = 2-7 ]		Cystadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen [ Hematopoietic Cell Proliferation TGLS = 3-4 ]		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 268

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701148

**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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Pigmentation	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 1-4 ]		
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 269

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701149

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Basophilic Focus TGLS = 1-4 ]			
* Ovary		Cyst	Moderate
		Pigmentation	Mild
[ Cyst TGLS = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 270

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701150

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Cyst	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 271

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701151

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 4-5 ]			
* Lymph Node, Mandibular		Pigmentation	Minimal
Mesentery		Fibrosis	Mild
		Inflammation	Chronic Active, Moderate
		Mineralization	Moderate
	Fat	Necrosis	Marked
[ Inflammation TGLS = 1-9+10 ]			
[ Necrosis TGLS = 1-9 ]			
* Ovary		Angiectasis	Moderate
		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
* Uterus		Hydrometra	Mild
[ Hydrometra TGLS = 3-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 271

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701151

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 272

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 721

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9701152

**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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Eye		Atrophy	Marked
[ Atrophy TGLS = 1-9 ]			
* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 3-3+4+5 ]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Spleen		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 2-4 ]			
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- Liver Histiocytic Sarcoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 273

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701153

**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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	[ Hepatodiaphragmatic Nodule TGLS = 3-5 ]		
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Ovary		Cyst	Marked
	[ Cyst TGLS = 1-7 ]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
	[ Hydrometra TGLS = 2-7 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 273

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701153

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 2-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 274

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701154

**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	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Parathyroid Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Inflammation	Chronic Active, Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus		Hydrometra	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 275

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701155

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Ovary		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 276

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701156

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
		Pigmentation	Minimal
Mesentery		Inflammation	Chronic Active, Moderate
		Mineralization	Mild
[ Inflammation TGLS = 3-9+10 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear Cl, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 276

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701156

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hydrometra TGLS = 1-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 277

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 556

**DOSE:** 1.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9701157

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	
* Thymus		Cyst	Mild
	Thymocyte	Necrosis	Marked
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
		Inflammation	Suppurative, Moderate

[ Hydrometra TGLS = 1-7 ]

[ Inflammation TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

- Uterus Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 278

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701158

**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	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2,3,4,5,8-10+9+3 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-6 ]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-5 ]			
Mesentery		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 279

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701159

**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	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	[ Hepatocellular Adenoma TGLS = 2-4 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 3-9 ]		
* Lymph Node, Mandibular		Pigmentation	Mild
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
	Note: Foreign bodies are hair.		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
		Mineralization	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 280

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 374

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9701160

**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	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral GI			
Note: Only one clitoral gland available for histopathological examination.			
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Thrombosis	Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 281	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 568
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9701161

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 282

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701162

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 2-9 ]			
Mesentery		Fibrosis	Mild
		Mineralization	Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 1-9 ]			
* Ovary		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 283

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701163

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary	Hepatocyte	Vacuolization Cytoplasmic	Minimal
		Cyst	Mild
		Mineralization	Mild
		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-6 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Cervix	Hemangiosarcoma	
		Hydrometra	Moderate
[ Hemangiosarcoma TGLS = 2-9 ]			
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 284

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701164

**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
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 285

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 711

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9701165

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Ovary		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hemorrhage	Marked
[ Hemorrhage TGLS = 1-6 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-4 ]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

CONTRIBUTORY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Hemorrhage;Uterus Hemangiosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 286

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 722

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9701166

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver	Hepatocyte	Infiltration Cellular	Mononuclear CI, Minimal
	[ Vacuolization Cytoplasmic TGLS = 1-4+5 ]	Vacuolization Cytoplasmic	Marked
* Lymph Node, Mandibular		Pigmentation	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach	Epithelium	Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked
	[ Ulcer TGLS = 2-9 ]		
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 287

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701167

**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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[ Hepatocellular Adenoma TGLS = 3-5 ]			
Mesentery		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 1-9 ]			
* Ovary		Cyst	Mild
		Mineralization	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
[ Hydrometra TGLS = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 287

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701167

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 288

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 405

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9701168

**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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland                      \* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histopathological examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hemangiosarcoma	
* Ovary		Cyst	Marked
		Hemorrhage	Marked
		Mineralization	Mild
		Pigmentation	Mild
		Thrombosis	Moderate
[ Cyst TGLS = 2-7 ]			
[ Hemorrhage TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**                      - Ovary    Hemorrhage  
**CONTRIBUTORY CAUSE OF DEATH**                      - Ovary    Cyst

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 289

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 289

**DOSE:** 1.5 MG/KG

**DISP:** Natural Death

**HISTO:** 9701169

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	* Mammary Gland	* Nose
* Ovary	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-7 ]			
* Adrenal Medulla		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-7 ]			
* Brain		Hemorrhage	Mild
		Lymphoma Malignant	
* Gallbladder			
Note: Gallstones in bladder lumen			
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Popliteal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	

Note: TGL#10-11 involves axillary lymph nodes.  
    [ Lymphoma Malignant TGLS = 4-9 ]  
    [ Lymphoma Malignant TGLS = 8-10 ]  
    [ Lymphoma Malignant TGLS = 1,2-8+9 ]

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 289	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 289
	<b>DOSE:</b> 1.5 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9701169

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant TGLS = 10-11 ]	
[ Lymphoma Malignant TGLS = 3-8 ]	
[ Lymphoma Malignant TGLS = 9-6 ]	
* Lymph Node, Mandibular	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 7-2 ]	
* Lymph Node, Mesenteric	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 11-5 ]	
* Mammary GI	
Note: TGL#s1&2: Mammary gland mass, documented at necropsy, are inguinal lymph nodes involved with malignant lymphoma.	
Mesentery	Lymphoma Malignant
* Pancreas	Lymphoma Malignant
* Salivary Glands	Lymphoma Malignant
* Spleen	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 5-4 ]	
* Thymus	Lymphoma Malignant
* Urinary Bladder	Lymphoma Malignant
* Uterus	Lymphoma Malignant

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**PRIMARY CAUSE OF DEATH** - Spleen Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 290

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701170

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* 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
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Large, Cecum		Leiomyoma	
[ Leiomyoma TGLS = 4-10 ]			
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Angiectasis	Moderate
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Necrosis	Mild
[ Angiectasis TGLS = 2-10 ]			
[ Hepatocellular Adenoma TGLS = 5-4 ]			
[ Necrosis TGLS = 2-10 ]			
Mesentery		Fibrosis	Moderate
		Inflammation	Chronic Active, Moderate
		Mineralization	Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-9 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild

Note: Foreign bodies are hair.

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 290

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701170

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Ovary	Cyst	Mild
* Thymus	Cyst	Mild
* Urinary Bladder	Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Hydrometra	Marked

[ Hydrometra TGLS = 1-7 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 291

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701171

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland	Duct	Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Skin			
Note: TGL#1-9: Skin mass, documented at necropsy, is mammary gland duct adenoma histologically.			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[ Hydrometra TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 292

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701172

**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	* 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

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 293

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 422

**DOSE:** 1.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9701173

**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, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

**MISSING**

* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia Infiltration Cellular	Mild Mononuclear CI, Minimal
* Kidney		Accumulation, Hyaline Droplet Infiltration Cellular	Moderate Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Lung		Inflammation Liposarcoma	Chronic Active, Minimal Metastatic (Skin)
[ Liposarcoma TGLS = 2-9 ]			
* Ovary			
Note: Only one ovary available for histopathologic examination.			
Skeletal Muscle		Liposarcoma	Metastatic (Skin)
[ Liposarcoma TGLS = 3-10 ]			
* Skin	Subcut Tiss	Liposarcoma	
[ Liposarcoma TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH** - Skin Subcut Tiss Liposarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 294

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701174

**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	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Carcinoma TGLS = 3,4-9+4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Mild
		Pigmentation	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]			
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 295

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701175

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Eosinophilic Focus TGLS = 2-9 ]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Marked

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 296

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701176

**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, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Pigmentation	Mild
[ Pigmentation TGLS = 1-8 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 297

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701177

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 1-9 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 297

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701177

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 298

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701178

**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	* Lung
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Moderate
[ Cyst TGLS = 3-9 ]			
* Liver		Infiltration Cellular	Mononuclear CI, Mild
[ Infiltration Cellular TGLS = 2-9 ]			
Lymph Node	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-6 ]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-5 ]			
* Ovary		Pigmentation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-4 ]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
[ Hydrometra TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 299

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701179

**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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Dysplasia	Moderate
		Ectopic Tissue	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 300

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 1.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701180

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Tension Lipidosis	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 301

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701181

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 302

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701182

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Eosinophilic Focus TGLS = 4-9 ]			
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery		Fibrosis	Moderate
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-9 ]			
* Ovary		Cyst	Mild
		Cystadenoma	
[ Cyst TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 302

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701182

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 303

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701183

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histopathologic examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[ Eosinophilic Focus TGLS = 2-9 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 3-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 303

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701183

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 304

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701184

**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	* Pancreas	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[ Basophilic Focus TGLS = 1-4 ]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 305

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701185

**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	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
[ Eosinophilic Focus TGLS = 3-5 ]			
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery		Fibrosis	Mild
		Mineralization	Minimal
	Fat	Necrosis	Marked
[ Necrosis TGLS = 1-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[ Hydrometra TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 306

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701186

**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	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
* Ovary		Cyst	Mild
[ Cyst TGLS = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[ Hydrometra TGLS = 1-7 ]			
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 307

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701187

**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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Pigmentation	Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2,3-4 ]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 308

**TRT#:** 6  
**DOSE:** 3 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 732  
**HISTO:** 9701188

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 2-9 ]			
* Ovary		Mineralization	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Thyroid GI			
Note: Only one thyroid gland available for histopathologic examination.			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 309

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701189

**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
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
Note: Right clitoral gland also is hemorrhagic.			
[ Cyst TGLS = 1-8 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Marked
		Hemorrhage	Marked
		Mineralization	Minimal
		Pigmentation	Minimal
		Thrombosis	Marked
[ Cyst TGLS = 3-7 ]			
[ Hemorrhage TGLS = 3-7 ]			
[ Thrombosis TGLS = 3-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 309

**TRT#:** 6  
**DOSE:** 3 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9701189

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Minimal
[ Hydrometra TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 310

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701190

**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	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Uterus	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Small, Jejunum [ Lymphoma Malignant TGLS = 2-9 ]	Peyers Patch	Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 1-9 ]		Lymphoma Malignant	
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 311

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 653

**DOSE:** 3 MG/KG

**DISP:** Natural Death

**HISTO:** 9701191

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization	Minimal
		Pigmentation	Mild
* Liver		Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 4,5,6-5+4+9 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[ Hepatocellular Carcinoma TGLS = 2,3-3 ]			
Mesentery		Hepatocellular Carcinoma	Metastatic (Liver)
		Inflammation	Chronic Active, Mild
		Mineralization	Mild
[ Hepatocellular Carcinoma TGLS = 1-8 ]			
* Ovary		Pigmentation	Mild
* Salivary Glands		Mineralization	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 312

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 589

**DOSE:** 3 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9701192

**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, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Intestine Small, Ileum		Adenocarcinoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Fibrosarcoma	Metastatic (Skin)
[ Fibrosarcoma TGLS = 3-9 ]			
Lymph Node	Mediastinal	Fibrosarcoma	Metastatic (Skin)
Mesentery		Fibrosarcoma	Metastatic (Skin)
		Mineralization	Mild
	Fat	Necrosis	Marked
* Pancreas		Fibrosarcoma	Metastatic (Skin)
* Skin	Subcut Tiss	Fibrosarcoma	
[ Fibrosarcoma TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[ Hydrometra TGLS = 2-7 ]			
[ Hyperplasia TGLS = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 312

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 589

**DOSE:** 3 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9701192

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 313

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 533

**DOSE:** 3 MG/KG

**DISP:** Natural Death

**HISTO:** 9701193

**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	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Lung		Thrombosis	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 314

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701194

**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	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mandibular	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-9 ]			
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Lymphoma Malignant	
[ Hepatocellular Adenoma TGLS = 4-5 ]			
Lymph Node	Mediastinal	Lymphoma Malignant	
Note: TGL#5-10: Enlarged mediastinal lymph node, documented at necropsy, is enlarged thymus due to malignant lymphoma histologically. Mediastinal LN is on slide #06.			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-11 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 2,7-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-10 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 314

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701194

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 1-7 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 315

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701195

**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, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mandibular	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Zona Reticul	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[ Hepatocellular Adenoma TGLS = 2-5 ]			
Mesentery		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
		Mineralization	Mild
	Fat	Necrosis	Marked
		Pigmentation	Mild
[ Necrosis TGLS = 1-9 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 315

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701195

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Uterus

Endometrium

Hyperplasia

Cystic, Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 316

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701196

**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
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Clear Cell Focus TGLS = 3-4 ]			
* Ovary		Cyst	Marked
[ Cyst TGLS = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 317

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 602

**DOSE:** 3 MG/KG

**DISP:** Natural Death

**HISTO:** 9701197

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Pituitary Gland
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**AUTO PRECLUDES DIAG.**

* Kidney	* Liver	* Spleen
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral GI			
Note: Only one clitoral gland available for histologic examination.			
* Kidney			
Note: TGL#5-4-NCL: Autolysis.			
* Liver			
Note: TGL#4-4+5-NCL: Autolysis.			
* Lung		Fibrosarcoma	Metastatic (Skin)
* Mammary GI			
Note: TGL#3-8: Mammary gland mass, documented at necropsy, is subcutaneous fibrosarcoma histologically.			
* Ovary		Pigmentation	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[ Fibrosarcoma TGLS = 3-8 ]			
* Spleen			
Note: TGL#1-4-NCL: Autolysis.			
* Uterus		Hydrometra	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 317

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 602

**DOSE:** 3 MG/KG

**DISP:** Natural Death

**HISTO:** 9701197

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hydrometra TGLS = 2-7 ]

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PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 318

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701198

**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, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Intestine Small, Duodenum		Metaplasia	Squamous, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Luteoma	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 319

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701199

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histopathologic examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
Mesentery		Fibrosis	Mild
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-9 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Minimal
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 320

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701200

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Eosinophilic Focus TGLS = 2-5 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-9 ]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 321      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 731  
**DOSE:** 3 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9701201

**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	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Lymphoma Malignant	
		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-9 ]			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 322

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 716

**DOSE:** 3 MG/KG

**DISP:** Natural Death

**HISTO:** 9701202

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Esophagus	Periesoph Tiss	Fibrous Histiocytoma	Metastatic (Mesentery)
* Kidney		Hydronephrosis	Moderate
[ Hydronephrosis TGLS = 1-4 ]			
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery		Fibrous Histiocytoma	
[ Fibrous Histiocytoma TGLS = 2-9 ]		Thrombosis	Marked
* Ovary		Fibrous Histiocytoma	Metastatic (Mesentery)
		Hemorrhage	Moderate
		Thrombosis	Moderate
* Pancreas		Fibrous Histiocytoma	Metastatic (Mesentery)
* Uterus		Fibrous Histiocytoma	Metastatic (Mesentery)

**PRIMARY CAUSE OF DEATH**

- Mesentery Fibrous Histiocytoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 323

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701203

**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	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Mesenteric	* Parathyroid Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone			
Note: TGL#5-9: Bone mass, documented at necropsy, is subcutaneous fibrosarcoma histopathologically.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Mineralization	Marked
		Pigmentation	Mild
[ Mineralization TGLS = 4-5 ]			
* Lung	Mediastinum	Fibrosarcoma	Metastatic (Skin)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
		Pigmentation	Mild
Mesentery		Lipoma	
		Mineralization	Minimal
[ Lipoma TGLS = 6-10 ]			
* Ovary		Cyst	Marked
		Hemorrhage	Marked

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 323	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 3 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9701203

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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		Pigmentation	Mild
		Thrombosis	Marked
[ Cyst TGLS = 3-7 ]			
[ Hemorrhage TGLS = 3-7 ]			
[ Thrombosis TGLS = 3-7 ]			
* Salivary Glands		Fibrosarcoma	Metastatic (Skin)
* Skin	Subcut Tiss	Fibrosarcoma	
[ Fibrosarcoma TGLS = 5-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Mineralization	Marked
		Pigmentation	Mild
[ Mineralization TGLS = 1-4 ]			
* Uterus	Endometrium	Hydrometra	Mild
		Hyperplasia	Cystic, Minimal
[ Hydrometra TGLS = 2-7 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 324

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701204

**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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-3 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Lymphoma Malignant	
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 325

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701205

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Gallbladder		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 1-5 ]			
* Ovary		Cyst	Mild
		Pigmentation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-06  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Test Compound: Methacrylonitrile  
 CAS Number: 126-98-7

Date Report Requested: 10/16/2014  
 Time Report Requested: 11:01:01  
 First Dose M/F: NA / NA  
 Lab: BAT

**ANIMAL ID:** 326      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 589  
**DOSE:** 3 MG/KG      **DISP:** Moribund Sacrifice      **HISTO:** 9701206

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone		Fibrosarcoma	Metastatic (Skin)
* Bone Marrow		Fibrosarcoma	Metastatic (Skin)
Harderian Gland		Hyperplasia	Marked
[ Adenoma TGLS = 1-8 ]		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
* Lung		Fibrosarcoma	Metastatic (Skin)
* Ovary		Thecoma Malignant	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
Skeletal Muscle		Fibrosarcoma	Metastatic (Skin)
Note: TGL#2-9: Skeletal muscle mass, documented at necropsy, is subcutaneous fibrosarcoma which has metastasized to skeletal muscle & spine.			
[ Fibrosarcoma TGLS = 2-9 ]			
* Skin	Subcut Tiss	Fibrosarcoma	
[ Fibrosarcoma TGLS = 2-9 ]			
Spinal Cord		Fibrosarcoma	Metastatic (Skin)
* Spleen		Hematopoietic Cell Proliferation	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 326	<b>TRT#:</b> 6 <b>DOSE:</b> 3 MG/KG	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 589 <b>HISTO:</b> 9701206
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Stomach, Forestomach	Epithelium	Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

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PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Spinal Cord Fibrosarcoma Skin

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 327

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701207

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[ Basophilic Focus TGLS = 3-5 ]			
[ Eosinophilic Focus TGLS = 2-4 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 328

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701208

**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, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Pigmentation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Hyperplasia	Lymphoid, Marked
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 329

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701209

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Casts Protein	Moderate
		Infiltration Cellular	Mononuclear CI, Moderate
		Nephropathy	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
		Necrosis	Mild
		Pigmentation	Minimal
[ Hepatocellular Adenoma TGLS = 4-4 ]			
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLS = 3-9 ]			
* Ovary		Cyst	Marked
		Hemorrhage	Marked
Note: Only one ovary available for histopathologic examination.			
[ Cyst TGLS = 2-7 ]			
[ Hemorrhage TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 329	<b>TRT#:</b> 6 <b>DOSE:</b> 3 MG/KG	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 732 <b>HISTO:</b> 9701209
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Hematopoietic Cell Proliferation TGLS = 5-4 ]		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Moderate
* Uterus [ Hydrometra TGLS = 1-7 ]		Hydrometra	Marked

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PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 330      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 731  
**DOSE:** 3 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9701210

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
[ Hepatocellular Adenoma TGLS = 2-4 ]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery		Fibrosis	Moderate
	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-9 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[ Adenoma TGLS = 4-6 ]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Marked
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 330

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701210

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Uterus

Hydrometra

Moderate

[ Hydrometra TGLS = 1-7 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 331

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701211

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Mesentery		Fibrosis	Mild
		Mineralization	Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-9 ]			
* Ovary		Pigmentation	Mild
* Salivary Glands		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 332

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701212

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
		Polyp Stromal	

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 333

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701213

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	[ Hepatocellular Adenoma TGLS = 3-9 ]		
	[ Hepatocellular Carcinoma TGLS = 2-10 ]		
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
	[ Hydrometra TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 334

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701214

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 335

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701215

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Lung		Mineralization	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Thymus		Cyst	Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 336

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701216

**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 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	* Thyroid Gland
* Trachea			

**MISSING**

\* Intestine Large, Rectum

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 337

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701217

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Ovary		Cyst	Mild
		Pigmentation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 338

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701218

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
Mesentery		Fibrosis	Mild
		Mineralization	Moderate
	Fat	Necrosis	Marked
[ Necrosis TGLS = 1-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
		Ectopic Parathyroid Gland	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 339

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701219

**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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 340

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701220

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-5 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 1,4-9+5 ]			
[ Hepatocellular Carcinoma TGLS = 2-4 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 341      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 731  
**DOSE:** 3 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9701221

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 4-4 ]			
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Adenoacanthoma	
[ Adenoacanthoma TGLS = 2,3-9+10 ]			
Oral Mucosa	Gingival	Foreign Body	
	Gingival	Inflammation	Chronic Active, Mild
Note: Foreign bodies are hair.			
* Ovary		Cyst	Mild
		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Pigmentation	Mild
[ Adenoma TGLS = 1-6 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 341

**TRT#:** 6  
**DOSE:** 3 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731  
**HISTO:** 9701221

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Endometrium

Hyperplasia

Cystic, Minimal

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 342

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701222

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Lung		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Salivary Glands		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Marked

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 343

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701223

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
Mesentery		Fibrosis	Moderate
		Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-9 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 344

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 701

**DOSE:** 3 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9701224

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	Peripheral Nerve
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone		Fibrosarcoma	Metastatic (Skin)
* Clitoral Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
* Liver		Angiectasis	Mild
		Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Mild
[ Angiectasis TGLS = 4-4 ]			
[ Necrosis TGLS = 6-10 ]			
* Lung		Inflammation	Chronic Active, Mild
Mesentery		Inflammation	Chronic Active, Moderate
[ Inflammation TGLS = 2-11 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 5-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
Skeletal Muscle		Fibrosarcoma	Metastatic (Skin)
* Skin	Subcut Tiss	Fibrosarcoma	
[ Fibrosarcoma TGLS = 1-9 ]			
Spinal Cord		Demyelination	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 344	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 701
	<b>DOSE:</b> 3 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9701224

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: SPINAL CORD - FIBROSARC IS ON SLIDE 13.	Fibrosarcoma	Metastatic (Skin)
* Uterus	Hydrometra	Moderate
[ Hydrometra TGLS = 3-7 ]		

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PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Spinal Cord Demyelination

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 345

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701225

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Salivary Glands

Infiltration Cellular

Mononuclear CI, Minimal

\* Spleen

Hematopoietic Cell Proliferation

Moderate

\* Urinary Bladder

Infiltration Cellular

Mononuclear CI, Minimal

\* Uterus

Hydrometra

Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 346

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701226

**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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mesenteric	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
Mesentery		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
		Mineralization	Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 1-9 ]			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Thymus		Cyst	Mild
* Thyroid Gland		Ectopic Thymus	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 347

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701227

**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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mesenteric	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
Mesentery		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
		Mineralization	Moderate
	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[ Hydrometra TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 348

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701228

**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	* 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	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[ Eosinophilic Focus TGLS = 2-10 ]			
* Thyroid Gland	Follicle	Cyst	Moderate
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 349

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701229

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Hamartoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[ Eosinophilic Focus TGLS = 3-4 ]		
	[ Hepatocellular Adenoma TGLS = 2-9 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 4-9 ]		
* Ovary		Cyst	Mild
* Stomach, Glandular	Glands	Ectasia	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Moderate
	[ Hydrometra TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 350

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 3 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701230

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
			[ Hepatocellular Adenoma TGLS = 1-5 ]
* Lymph Node, Mandibular		Pigmentation	Mild
* Pancreas		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
			[ Squamous Cell Papilloma TGLS = 2-9 ]
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 351

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701231

**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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus		Hydrometra	Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 352

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701232

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Glands	Ectasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 353	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 480
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> 9701233

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 354

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701234

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* 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	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Eye			
Note: TGL#1-8-NCL: Cause of white discoloration, documented at necropsy not apparent. Eyes appear within normal limits histologically.			
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[ Hepatocellular Adenoma TGLS = 3-9 ]			
* Ovary		Cyst	Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[ Hydrometra TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 355

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701235

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 356

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701236

**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
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 357

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701237

**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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 358

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701238

**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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 359

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701239

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

\* Gallbladder

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histopathologic examination.			
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[ Eosinophilic Focus TGLS = 1-4 ]			
* Lung		Mineralization	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 360

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701240

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 361	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 308
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9701241

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

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**MISSING**

* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Clitoral GI			
Note: Only one clitoral gland available for histopathologic examination.			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: TGL#2-4+5-NCL: Pale foci, documented at necropsy, not demonstrable histologically. Probably due to autolysis.			
* Uterus			
Note: TGL#1-7-NCL: Dilatated uterus, documented at necropsy, not demonstrable histologically.			

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 362

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701242

**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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Mesentery		Fibrosis	Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-9 ]			
* Ovary		Adenocarcinoma	
[ Adenocarcinoma TGLS = 3-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Angiectasis	Marked
	Endometrium	Hyperplasia	Cystic, Mild

Note: TGL#3-7: Appears to be located in tip of uterine horn adjacent to ovarian attachment.

[ Angiectasis TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 363

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 641

**DOSE:** 6 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9701243

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**INSUFFICIENT TISSUE**

\* Ovary

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]			
* Ovary			
Note: Only a partial portion of one ovary available for histopathologic examination.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 364      **TRT#:** 8      **SEX:** Female      **DAY ON TEST:** 731  
**DOSE:** 6 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9701244

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Blood Vessel			
Note: Aorta on slide #03.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Moderate
		Mineralization	Mild
[ Cyst TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[ Cyst TGLS = 3-6 ]			
[ Hyperplasia TGLS = 3-6 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 365

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701245

**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	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	[ Hepatocellular Adenoma TGLS = 1,2-4+5 ]		
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Thymus		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 366

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701246

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Note: Only one adrenal gland available for histopathologic examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thymus		Cyst	Mild
* Thyroid Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 367

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701247

**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
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 368

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 641

**DOSE:** 6 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9701248

**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	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histologic examination.			
* Liver		Inflammation	Chronic Active, Minimal
* Ovary		Pigmentation	Minimal
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 369

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 581

**DOSE:** 6 MG/KG

**DISP:** Natural Death

**HISTO:** 9701249

**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	* Kidney
* Lung	* Lymph Node, Mandibular	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**AUTO PRECLUDES DIAG.**

* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas	* Spleen
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**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histopathologic examination.			
* Kidney			
Note: TGL#4-4-NCL: Pale discoloration, documented at necropsy, due to autolysis.			
* Liver		Inflammation	Chronic Active, Minimal
Note: TGL#3-4+5-NCL: Pale discoloration, documented at necropsy, due to autolysis.			
* Mammary Gland		Carcinoma	
[ Carcinoma TGLS = 1-8 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin			
Note: TGL#1-8: Skin mass, documented at necropsy, is mammary gland carcinoma histologically.			
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

- Mammary Gland Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 370

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701250

**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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Vagina			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland		Infiltration Cellular	Mononuclear CI, Minimal
Eye	Antr Chamber	Infiltration Cellular	Polymorphnuclr, Moderate
	Cornea	Inflammation	Chronic Active, Mild
[ Infiltration Cellular TGLS = 1-9 ]			
[ Inflammation TGLS = 1-9 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-9 ]			
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[ Hepatocellular Adenoma TGLS = 4-10 ]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Thymus		Cyst	Mild
Vagina			

Note: TGL#3-10-NCL: Vagina considered to be within normal limits histologically.

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 371

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701251

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 372

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701252

**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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 373

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701253

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Pancreas		Infiltration Cellular	Mononuclear CI, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 374

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 6 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9701254

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 375	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 480
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Accidentally Killed	<b>HISTO:</b> 9701255

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 376

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701256

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Minimal

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 377

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701257

**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, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	Moderate
		Pigmentation	Minimal
[ Cyst TGLS = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hemangiosarcoma	
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Moderate

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 378

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701258

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Capsule	Hyperplasia	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Stomach, Glandular	Glands	Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 379

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701259

**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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland			
Note: Only one clitoral gland available for histopathologic examination.			
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Cyst	Mild
[ Cyst TGSL = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[ Hydrometra TGSL = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 380      **TRT#:** 8      **SEX:** Female      **DAY ON TEST:** 732  
**DOSE:** 6 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9701260

**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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histopathologic examination.			
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Cyst	Mild
[ Cyst TGLS = 1-7 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 381

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701261

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Eye
* 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
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Eye			
Note: TGL#1-9-NST: Left eye missing at necropsy.			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[ Fibrosarcoma TGLS = 3-10 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 4-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 382	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 6 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9701262

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Cystadenoma	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 383

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701263

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hemangiosarcoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear Cl, Minimal
* Liver		Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Chronic Active, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-9 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hemangiosarcoma	Metastatic (Bone Marrow)
		Hematopoietic Cell Proliferation	Mild
[ Hemangiosarcoma TGLS = 2,3-9 ]			
* Urinary Bladder		Hemangiosarcoma	Metastatic (Bone Marrow)

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 384

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701264

**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	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Blood Vessel			
Note: Aorta on slide #03.			
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
		Pigmentation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Mineralization	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

[ Polyp Stromal TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 385

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701265

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
Lymph Node	Lumbar	Ectasia	Marked
[ Ectasia TGLS = 2-9 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 386

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701266

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Eye		Atrophy	Marked
Note: TGL#4-9: Consistent with a diagnosis of phthisis bulbi. [ Atrophy TGLS = 4-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Note: TGL#2-5-NCL: Focus, documented at necropsy, unable to visualize at trim or demonstrate histologically.			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 387

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701267

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hemorrhage	Mild
	Endometrium	Hyperplasia	Cystic, Moderate

[ Hemorrhage TGLS = 2-7 ]  
[ Hyperplasia TGLS = 1,2-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 388

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 673

**DOSE:** 6 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9701268

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

* Gallbladder	* Lymph Node, Mesenteric
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Only one adrenal gland available for histopathologic examination.			
* Esophagus	Periesoph Tiss	Leiomyosarcoma	Metastatic (Intestine Small, Ileum)
* Heart		Leiomyosarcoma	Metastatic (Intestine Small, Ileum)
* Intestine Small, Ileum		Leiomyosarcoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Leiomyosarcoma	Metastatic (Intestine Small, Ileum)
[ Leiomyosarcoma TGLS = 5-10 ]			
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Leiomyosarcoma	Metastatic (Intestine Small, Ileum)
[ Leiomyosarcoma TGLS = 6,7-8+4+5+9 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Mediastinum	Leiomyosarcoma	Metastatic (Intestine Small, Ileum)
		Leiomyosarcoma	Metastatic (Intestine Small, Ileum)
* Lym Node Mesen			
Note: Mesenteric lymph node not found in block or wet tissue. Probably completely replaced by metastatic leiomyosarcoma involving abdominal cavity.			
Lymph Node	Renal	Leiomyosarcoma	Metastatic (Intestine Small, Ileum)
[ Leiomyosarcoma TGLS = 4-9 ]			
Mesentery		Leiomyosarcoma	Metastatic (Intestine Small, Ileum)
* Ovary		Leiomyosarcoma	Metastatic (Intestine Small, Ileum)
* Pancreas		Leiomyosarcoma	Metastatic (Intestine Small, Ileum)

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 388

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 673

**DOSE:** 6 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9701268

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Leiomyosarcoma TGLS = 3-8 ]

Peritoneum	Leiomyosarcoma	Metastatic (Intestine Small, Ileum)
* Spleen	Hematopoietic Cell Proliferation	Mild
	Leiomyosarcoma	Metastatic (Intestine Small, Ileum)

[ Leiomyosarcoma TGLS = 1-4 ]

* Stomach, Glandular	Leiomyosarcoma	Metastatic (Intestine Small, Ileum)
* Urinary Bladder	Leiomyosarcoma	Metastatic (Intestine Small, Ileum)
* Uterus	Hydrometra	Mild
	Hyperplasia	Cystic, Mild
Endometrium	Leiomyosarcoma	Metastatic (Intestine Small, Ileum)

**PRIMARY CAUSE OF DEATH** - Intestine Small, Ileum Leiomyosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 389

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701269

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Mild
* Uterus		Hydrometra	Marked

[ Hydrometra TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 390

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 714

**DOSE:** 6 MG/KG

**DISP:** Natural Death

**HISTO:** 9701270

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone	Periosteum, Rib	Sarcoma	
[ Sarcoma TGLS = 2,4-8+9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Inflammation	Chronic Active, Mild
Note: Median liver lobe section on slide #03.			
* Lung	Mediastinum	Sarcoma	Metastatic (Bone)
		Sarcoma	Metastatic (Bone)
Lymph Node	Mediastinal	Sarcoma	Metastatic (Bone)
[ Sarcoma TGLS = 3-10 ]			
* Ovary		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Sarcoma	Metastatic (Bone)
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

- Bone Periosteum Rib Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 391      **TRT#:** 8      **SEX:** Female      **DAY ON TEST:** 730  
**DOSE:** 6 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9701271

**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	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[ Hemangiosarcoma TGLS = 4-10 ]			
[ Hepatocellular Adenoma TGLS = 3-9 ]			
Mesentery		Fibrosis	Mild
		Mineralization	Mild
	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-9 ]			
* Ovary			
Note: Only one ovary available for histopathologic examination.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-4 ]			
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 392

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701272

**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	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 4-4+5 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-9 ]		
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 3-5 ]		
* Ovary			
	Note: Only one ovary available for histopathologic examination.		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
	[ Hydrometra TGLS = 1-7 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 392

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701272

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 393

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 703

**DOSE:** 6 MG/KG

**DISP:** Natural Death

**HISTO:** 9701273

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

\* Clitoral Gland                      \* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Mild
* Lung		Inflammation	Chronic Active, Mild
		Necrosis	Moderate
Lymph Node	Mediastinal	Inflammation	Mild
Oral Mucosa		Squamous Cell Carcinoma	
Note: Neoplasm probably involves buccal cavity and is extending through bone toward surface. Mass is also markedly inflamed and necrotic. [ Squamous Cell Carcinoma TGLS = 1-8 ]			
* Ovary		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Chronic Active, Marked
* Skin			
Note: TGL#1-8: Skin mass, documented at necropsy, is squamous cell carcinoma involving the oral mucosa.			
* Spleen		Hematopoietic Cell Proliferation	Moderate

**PRIMARY CAUSE OF DEATH**                      - Oral Mucosa    Squamous Cell Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 394

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701274

**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	* Lung
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
Note: TGL#3-5: Liver focus, documented at necropsy, not demonstrable histologically.			
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Carcinoma	
[ Carcinoma TGLS = 1-9 ]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin			
Note: TGL#1-9: Subcutaneous mass, documented at necropsy, is mammary gland carcinoma histologically.			
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
[ Hydrometra TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 395

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701275

**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	* 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	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 3-4 ]		
* Ovary		Cyst	Moderate
	Note: Only one ovary available for histopathologic examination.		
	[ Cyst TGLS = 2-7 ]		
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus		Hydrometra	Marked
	[ Hydrometra TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 396

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701276

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 397

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 694

**DOSE:** 6 MG/KG

**DISP:** Natural Death

**HISTO:** 9701277

**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	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

**MISSING**

* Lymph Node, Mandibular	* Salivary Glands
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histopathologic examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Alveolus	Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-8 ]	Infiltration Cellular	Histiocyte, Moderate
* Ovary		Pigmentation	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	Epithelium	Inflammation	Chronic Active, Mild
	[ Hyperplasia TGLS = 2-9 ]		
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** - Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 398

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 212

**DOSE:** 6 MG/KG

**DISP:** Natural Death

**HISTO:** 9701278

**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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Cyst	Minimal
	Thymocyte	Necrosis	Marked

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 399

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 6 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9701279

**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	* 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	

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
[ Basophilic Focus TGLS = 3-5 ]			
[ Hepatocellular Carcinoma TGLS = 2-4 ]			
Lymph Node	Mediastinal	Lymphoma Malignant	
* Pituitary Gland	Pars Intermed	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-06  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methacrylonitrile  
**CAS Number:** 126-98-7

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 11:01:01  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 400

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 343

**DOSE:** 6 MG/KG

**DISP:** Natural Death

**HISTO:** 9701280

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Parathyroid Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Inflammation	Suppurative, Mild
Note: Bacterial colonies associated with inflammatory process.			
* Kidney		Mineralization	Mild
Note: Bacterial colonies located in pelvis.			
* Liver		Mineralization	Minimal
		Necrosis	Moderate
* Ovary		Cyst	Marked
		Hemorrhage	Mild
		Inflammation	Suppurative, Mild
[ Cyst TGLS = 1-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** - Liver Necrosis

**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE