

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:08  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C88050
<b>Lock Date:</b>	03/23/1993
<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>	NONE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 1

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207601

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * 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 | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Nose                     | * Pancreas                | * Parathyroid Gland         |
| * Peripheral Nerve       | * Pituitary Gland          | * Preputial Gland         | * Prostate                  |
| * Salivary Glands        | * Seminal Vesicle          | * Skeletal Muscle         | * Skin                      |
| * Spinal Cord            | * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Testes                 | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        |                            |                           |                             |

**OBSERVATIONS**

- |          |                |         |
|----------|----------------|---------|
| * Heart  | Cardiomyopathy | Minimal |
| * Kidney | Mineralization | Minimal |
|          | Nephropathy    | Minimal |

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

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> 95
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9207602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * 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 | * Islets, Pancreatic      | * Liver                     |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Pancreas                 | * Parathyroid Gland       | * Peripheral Nerve          |
| * Pituitary Gland        | * Prostate                 | * Salivary Glands         | * Seminal Vesicle           |
| * Skeletal Muscle        | * Skin                     | * Spinal Cord             | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Testes                  | * Thymus                    |
| * Thyroid Gland          | * Trachea                  | * Urinary Bladder         |                             |

OBSERVATIONS

- |                   |                |                         |
|-------------------|----------------|-------------------------|
| * Heart           | Cardiomyopathy | Minimal                 |
| * Kidney          | Mineralization | Minimal                 |
|                   | Nephropathy    | Minimal                 |
| * Larynx          | Inflammation   | Chronic Active, Mild    |
| * Preputial Gland | Inflammation   | Chronic Active, Minimal |

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

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<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 95
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9207603

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 4

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207604

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney	Mineralization	Minimal
* Spinal Cord	Cyst Epithelial Inclusion	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:08  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 95 <b>HISTO:</b> 9207605
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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	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Heart		Inflammation	Chronic Active, Minimal
* Lung	Alveolar Epith	Mineralization	Minimal
* Stomach, Glandular	Glands	Mineralization	Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

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> 95
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9207606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * 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 | * Islets, Pancreatic      | * Larynx                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Pancreas               | * Parathyroid Gland        | * Peripheral Nerve        | * Pituitary Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skeletal Muscle           |
| * Skin                   | * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Testes                   | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          |                           |                             |

OBSERVATIONS

- |   |              |                           |                         |
|---|--------------|---------------------------|-------------------------|
| * Heart   |              | Cardiomyopathy            | Minimal                 |
| * Kidney  |              | Mineralization            | Minimal                 |
|   | Renal Tubule | Regeneration              | Minimal                 |
| * Liver   |              | Vacuolization Cytoplasmic | Minimal                 |
| Note: A few isolated vacuoles are present in the median lobe. This finding appears to be an incidental, spontaneous lesion. |              |                           |                         |
| * Nose  |              | Inflammation              | Chronic Active, Minimal |
| * Preputial Gland   |              | Inflammation              | Chronic Active, Mild    |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 95
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9207607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * 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 | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Pancreas                 | * Parathyroid Gland       | * Peripheral Nerve          |
| * Pituitary Gland        | * Preputial Gland          | * Prostate                | * Salivary Glands           |
| * Seminal Vesicle        | * Skeletal Muscle          | * Skin                    | * Spinal Cord               |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |

OBSERVATIONS

- |          |              |                |                         |
|----------|--------------|----------------|-------------------------|
| * Heart  |              | Cardiomyopathy | Minimal                 |
| * Kidney |              | Mineralization | Minimal                 |
|          |              | Nephropathy    | Minimal                 |
|          | Renal Tubule | Regeneration   | Minimal                 |
| * Nose   |              | Inflammation   | Chronic Active, Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 8

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207608

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart	Inflammation	Chronic Active, Minimal
	Pigmentation	Hemosiderin, Minimal
* Kidney	Mineralization	Minimal
* Nose	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 9

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207609

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Peripheral Nerve	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Heart	Inflammation	Chronic Active, Minimal
* Lung	Inflammation	Chronic Active, Minimal
* Nose	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:08  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 10	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 95
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9207610

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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	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Peripheral Nerve
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

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**MISSING**

\* Parathyroid Gland

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**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Spleen	Capsule	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:08  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 11	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 95
	<b>DOSE:</b> 7.5 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9207701

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Nose

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**OBSERVATIONS**

Testes

Degeneration

Marked

Mineralization

Moderate

[ Degeneration TGLS = 1-10 ]

[ Mineralization TGLS = 1-10 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

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**ANIMAL ID:** 12

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207702

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Nose

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 13

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207703

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Nose

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

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**ANIMAL ID:** 14

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207704

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

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**ANIMAL ID:** 15

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207705

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Nose

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:08  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 16

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207706

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Nose

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**OBSERVATIONS**

Nose

Note: AUTOLYSIS PRESENT IN OLFACTORY EPITHELIUM.

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 17

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207707

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 18

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207708

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

Olfactory Epi

Metaplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 19

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207709

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 20

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207710

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 21

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207681

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 22

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207682

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 23

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207683

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

Note: AUTOLYSIS PRESENT IN OLFACTORY EPITHELIUM.

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 24

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207684

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 25

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207685

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:08  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 26

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207686

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

Nose

Note: AUTOLYSIS PRESENT IN OLFACTORY EPITHELIUM.

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 27

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207687

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 28

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207688

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 29

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207689

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:08  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 30

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207690

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

Testes

Degeneration

Moderate

Mineralization

Mild

[ Degeneration TGLS = 1-10 ]

[ Mineralization TGLS = 1-10 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 31

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207661

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 32

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207662

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 33

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207663

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 34

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207664

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 35

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207665

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

Nose

Note: AUTOLYSIS PRESENT IN OLFACTORY EPITHELIUM.

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 36

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207666

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

Note: AUTOLYSIS PRESENT IN OLFACTORY EPITHELIUM.

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 37

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207667

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 38

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207668

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 39

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207669

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 40

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207670

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 41

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 60.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207641

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 42

TRT#: 9

SEX: Male

DAY ON TEST: 2

DOSE: 60.0 MG/KG

DISP: Natural Death

HISTO: 9207642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Pancreas                  | * Peripheral Nerve       |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Seminal Vesicle        |
| * Skeletal Muscle          | * Skin                    | * Spinal Cord               | * Spleen                 |
| * Stomach, Forestomach     | * Testes                  | * Urinary Bladder           |                          |

MISSING

- |                          |                     |                   |          |
|--------------------------|---------------------|-------------------|----------|
| * Esophagus              | * Heart             | * Larynx          | * Lung   |
| * Lymph Node, Mandibular | * Parathyroid Gland | * Salivary Glands | * Thymus |
| * Thyroid Gland          | * Trachea           |                   |          |

OBSERVATIONS

- |   |              |                         |
|---|--------------|-------------------------|
| * Esophagus<br>Note: Cannibalized tissue        |              |                         |
| * Heart<br>Note: Cannibalized tissue            |              |                         |
| * Larynx<br>Note: Cannibalized tissue           |              |                         |
| * Lung<br>Note: Cannibalized tissue             |              |                         |
| * Lym Node Mand<br>Note: Cannibalized tissue    |              |                         |
| * Nose  | Inflammation | Chronic Active, Minimal |
| * Parathyroid Gl<br>Note: Cannibalized tissue   |              |                         |
| * Saliv Glands<br>Note: Cannibalized tissue     |              |                         |
| * Stomach, Glandular<br>[ Erosion TGLS = 1-14 ] | Erosion      | Minimal                 |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:08  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 42

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 2

**DOSE:** 60.0 MG/KG

**DISP:** Natural Death

**HISTO:** 9207642

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Note: Cannibalized tissue

\* Thyroid GI

Note: Cannibalized tissue

\* Trachea

Note: Cannibalized tissue

---

PRIMARY CAUSE OF DEATH

- UNCERTAIN

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:08  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 43	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 95
	<b>DOSE:</b> 60.0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9207643

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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	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Esophagus	Muscularis	Inflammation	Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Moderate
		Mineralization	Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 44

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 60.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Epididymis              | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Pancreas                 | * Parathyroid Gland       | * Peripheral Nerve          |
| * Pituitary Gland        | * Prostate                 | * Salivary Glands         | * Seminal Vesicle           |
| * Skeletal Muscle        | * Skin                     | * Spinal Cord             | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Testes                   | * Thymus                  | * Trachea                   |
| * Urinary Bladder        |                            |                           |                             |

OBSERVATIONS

- |  |            |                      |                         |
|--|------------|----------------------|-------------------------|
| * Esophagus                                      | Muscularis | Inflammation         | Chronic Active, Minimal |
| * Kidney   |            | Mineralization       | Minimal                 |
| * Nose   |            | Inflammation         | Chronic Active, Minimal |
| Note: AUTOLYSIS PRESENT IN OLFACTORY EPITHELIUM. |            |                      |                         |
| * Preputial Gland                                |            | Inflammation         | Chronic Active, Minimal |
| * Spleen   | Capsule    | Hyperplasia          | Minimal                 |
| * Thyroid Gland                                  |            | Ultimobranchial Cyst | Minimal                 |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 45

TRT#: 9

SEX: Male

DAY ON TEST: 1

DOSE: 60.0 MG/KG

DISP: Natural Death

HISTO: 9207645

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 | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Pancreas                 | * Parathyroid Gland       | * Peripheral Nerve          |
| * Pituitary Gland        | * Preputial Gland          | * Prostate                | * Salivary Glands           |
| * Seminal Vesicle        | * Skeletal Muscle          | * Skin                    | * Spinal Cord               |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |

OBSERVATIONS

- |              |                |                      |
|--------------|----------------|----------------------|
| * Epididymis | Atrophy        | Moderate             |
| * Kidney     | Mineralization | Minimal              |
| * Nose       | Inflammation   | Chronic Active, Mild |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 46

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 60.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * 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 | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Pancreas                 | * Peripheral Nerve        | * Pituitary Gland           |
| * Preputial Gland        | * Prostate                 | * Salivary Glands         | * Seminal Vesicle           |
| * Skeletal Muscle        | * Skin                     | * Spinal Cord             | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Testes                  | * Thymus                    |
| * Thyroid Gland          | * Trachea                  | * Urinary Bladder         |                             |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |          |               |                |         |
|----------|---------------|----------------|---------|
| * Heart  |               | Cardiomyopathy | Minimal |
| * Kidney |               | Mineralization | Minimal |
|          |               | Nephropathy    | Minimal |
| * Nose   | Olfactory Epi | Metaplasia     | Minimal |
|          | Olfactory Epi | Necrosis       | Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 47

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 60.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * 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 | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Pancreas                 | * Peripheral Nerve        | * Pituitary Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skeletal Muscle           |
| * Skin                   | * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Testes                   | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          |                           |                             |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                   |               |                |                      |
|-------------------|---------------|----------------|----------------------|
| * Heart           |               | Cardiomyopathy | Minimal              |
| * Kidney          |               | Mineralization | Minimal              |
|                   |               | Nephropathy    | Minimal              |
| * Nose            | Olfactory Epi | Metaplasia     | Minimal              |
|                   | Olfactory Epi | Necrosis       | Minimal              |
| * Preputial Gland |               | Inflammation   | Chronic Active, Mild |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 48

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 60.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207648

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	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 49

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 60.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Capillary	Inflammation	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 50

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 60.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                          |                             |                          |
|----------------------------|--------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla        | * Blood Vessel              | * Bone                   |
| * Bone Marrow              | * Brain                  | * Epididymis                | * Esophagus              |
| * Intestine Large, Cecum   | * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic     | * Larynx                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Nose                     | * Pancreas               | * Peripheral Nerve          | * Pituitary Gland        |
| * Preputial Gland          | * Prostate               | * Salivary Glands           | * Seminal Vesicle        |
| * Skeletal Muscle          | * Skin                   | * Spinal Cord               | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular     | * Testes                    | * Thymus                 |
| * Thyroid Gland            | * Trachea                | * Urinary Bladder           |                          |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                           |                   |         |
|---------------------------|-------------------|---------|
| * Heart                   | Cardiomyopathy    | Minimal |
| * Intestine Large, Rectum | Parasite Metazoan |         |
| * Kidney                  | Nephropathy       | Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 51

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 2

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:** 9207621

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**AUTO PRECLUDES DIAG.**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 52

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 2

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:** 9207622

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

Olfactory Epi

Metaplasia

Minimal

Olfactory Epi

Necrosis

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 53

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 1

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:** 9207623

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**AUTO PRECLUDES DIAG.**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 54

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 1

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:** 9207624

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 55

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 2

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:** 9207625

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**AUTO PRECLUDES DIAG.**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 56

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 1

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:** 9207626

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 57

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 2

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:** 9207627

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 58

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 2

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:** 9207628

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 59

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 1

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:** 9207629

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 60

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 1

**DOSE:** 120.0 MG/KG

**DISP:** Natural Death

**HISTO:** 9208630

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

Note: AUTOLYSIS PRESENT IN THE OLFACTORY EPITHELIUM.

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 121

TRT#: 13

SEX: Male

DAY ON TEST: 32

DOSE: 0 MG/KG 30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * 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 | * Islets, Pancreatic      | * Larynx                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Nose                   | * Pancreas                 | * Parathyroid Gland       | * Peripheral Nerve          |
| * Pituitary Gland        | * Preputial Gland          | * Prostate                | * Salivary Glands           |
| * Seminal Vesicle        | * Skeletal Muscle          | * Skin                    | * Spinal Cord               |
| * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |

OBSERVATIONS

- |          |                |                         |
|----------|----------------|-------------------------|
| * Heart  | Cardiomyopathy | Minimal                 |
| * Kidney | Mineralization | Minimal                 |
|          | Nephropathy    | Minimal                 |
| * Liver  | Inflammation   | Chronic Active, Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 122

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 0 MG/KG 30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207482

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Preputial Gland	Inflammation	Chronic Active, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 123

TRT#: 13

SEX: Male

DAY ON TEST: 32

DOSE: 0 MG/KG 30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207483

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:08  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 124

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 0 MG/KG 30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207484

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

**OBSERVATIONS**

* Kidney	Mineralization	Minimal
* Liver	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Cyst	Minimal
* Preputial Gland	Inflammation	Chronic Active, Mild
* Skeletal Muscle	Inflammation	Minimal
* Trachea	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:08  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 125

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 0 MG/KG 30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207485

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Preputial Gland	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 126

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 0 MG/KG 30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207486

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Intestine Large, Cecum

**OBSERVATIONS**

* Heart	Inflammation	Chronic Active, Minimal
* Nose	Inflammation	Chronic Active, Mild
* Preputial Gland	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 127

**TRT#:** 13

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 0 MG/KG 30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207487

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Heart	Inflammation	Chronic Active, Minimal
* Kidney	Mineralization	Minimal
* Liver	Inflammation	Chronic Active, Minimal
* Nose	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 128

TRT#: 13

SEX: Male

DAY ON TEST: 32

DOSE: 0 MG/KG 30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * 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 | * Islets, Pancreatic      | * Larynx                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Pancreas               | * Parathyroid Gland        | * Peripheral Nerve        | * Pituitary Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skeletal Muscle           |
| * Skin                   | * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Testes                   | * Thymus                  | * Thyroid Gland             |
| * Urinary Bladder        |                            |                           |                             |

OBSERVATIONS

- |                   |        |              |                          |
|-------------------|--------|--------------|--------------------------|
| * Heart           |        | Inflammation | Chronic Active, Minimal  |
| * Kidney          | Pelvis | Fibrosis     | Moderate                 |
| * Liver           |        | Inflammation | Chronic Active, Minimal  |
| * Nose            |        | Inflammation | Chronic Active, Minimal  |
| * Preputial Gland |        | Inflammation | Chronic Active, Moderate |
| * Trachea         |        | Inflammation | Chronic Active, Minimal  |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 129

TRT#: 13

SEX: Male

DAY ON TEST: 32

DOSE: 0 MG/KG 30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                          |                           |                             |
|----------------------------|--------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex           | * Adrenal Medulla        | * Blood Vessel            | * Bone                      |
| * Bone Marrow              | * Brain                  | * Epididymis              | * Esophagus                 |
| * Intestine Large, Cecum   | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Jejunum | * Islets, Pancreatic     | * Larynx                  | * Lymph Node, Mandibular    |
| * Lymph Node, Mesenteric   | * Mammary Gland          | * Pancreas                | * Parathyroid Gland         |
| * Peripheral Nerve         | * Pituitary Gland        | * Preputial Gland         | * Prostate                  |
| * Salivary Glands          | * Seminal Vesicle        | * Skeletal Muscle         | * Skin                      |
| * Spinal Cord              | * Spleen                 | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Testes                   | * Thymus                 | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder          |                          |                           |                             |

MISSING

- \* Intestine Small, Ileum

OBSERVATIONS

- |   |               |                           |                         |
|---|---------------|---------------------------|-------------------------|
| * Heart   |               | Cardiomyopathy            | Mild                    |
| * Kidney  |               | Mineralization            | Minimal                 |
|   |               | Nephropathy               | Minimal                 |
| * Liver   | Centrilobular | Vacuolization Cytoplasmic | Minimal                 |
| Note: Minimal vacuolation seen in the median lobe |               |                           |                         |
| * Lung  |               | Inflammation              | Chronic Active, Minimal |
| * Nose  |               | Inflammation              | Chronic Active, Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 130

TRT#: 13

SEX: Male

DAY ON TEST: 32

DOSE: 0 MG/KG 30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * 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 | * Islets, Pancreatic      | * Larynx                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Pancreas               | * Parathyroid Gland        | * Peripheral Nerve        | * Pituitary Gland           |
| * Preputial Gland        | * Prostate                 | * Salivary Glands         | * Seminal Vesicle           |
| * Skeletal Muscle        | * Skin                     | * Spinal Cord             | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Testes                  | * Thymus                    |
| * Thyroid Gland          | * Trachea                  | * Urinary Bladder         |                             |

OBSERVATIONS

- |   |               |                           |                         |
|---|---------------|---------------------------|-------------------------|
| * Heart   |               | Cardiomyopathy            | Minimal                 |
| * Kidney  |               | Mineralization            | Minimal                 |
|   |               | Nephropathy               | Minimal                 |
| * Liver   | Centrilobular | Vacuolization Cytoplasmic | Mild                    |
| Note: Prominent vacuolization present in a centrolobular pattern in the median lobe |               |                           |                         |
| * Nose  |               | Inflammation              | Chronic Active, Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:08  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 131

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207581

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 132

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207582

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 133

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207583

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 134

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207584

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 135

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207585

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 136

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207586

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 137

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207587

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 138

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207588

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 139

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207589

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 140

**TRT#:** 15

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207590

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 141

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207561

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 142

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207562

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 143

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207563

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 144

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207564

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 145

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207565

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 146

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207566

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 147

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207567

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 148

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207568

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Eye

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:08  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 149

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207569

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

Testes

Degeneration

Mild

[ Degeneration TGLS = 1-10 ]

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 150

**TRT#:** 17

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207570

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 151

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207541

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 152

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207542

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:08

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 153

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207543

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 154

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207544

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 155

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207545

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 156

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207546

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 157

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207547

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 158

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207548

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 159

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207549

---

**OBSERVATIONS**

Nose

Hemorrhage

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 160

**TRT#:** 19

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207550

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 161

**TRT#:** 21

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207521

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart	Cardiomyopathy	Mild
* Kidney	Nephropathy	Minimal
* Preputial Gland	Inflammation	Chronic Active, Mild
	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 162

**TRT#:** 21

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207522

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Lymph Node, Mesenteric	Inflammation	Granulomatous, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 163

TRT#: 21

SEX: Male

DAY ON TEST: 32

DOSE: 60 MG/KG30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
	Olfactory Epi	Necrosis	Minimal
* Spleen	Capsule	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 164

TRT#: 21

SEX: Male

DAY ON TEST: 32

DOSE: 60 MG/KG30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207524

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Peripheral Nerve
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Heart		Inflammation	Chronic Active, Mild
* Nose	Olfactory Epi	Metaplasia	Minimal
	Olfactory Epi	Necrosis	Minimal
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 165

**TRT#:** 21

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207525

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Heart		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 166

**TRT#:** 21

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207526

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Lymph Node, Mesenteric	Inflammation	Granulomatous, Minimal
* Nose	Inflammation	Chronic Active, Minimal
* Preputial Gland	Inflammation	Chronic Active, Minimal
	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 167

**TRT#:** 21

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207527

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Bone Marrow	Hypercellularity	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Nose	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 168

TRT#: 21

SEX: Male

DAY ON TEST: 32

DOSE: 60 MG/KG30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Peripheral Nerve	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Nose		Inflammation	Chronic Active, Mild
	Olfactory Epi	Metaplasia	Minimal
	Olfactory Epi	Necrosis	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 169

TRT#: 21

SEX: Male

DAY ON TEST: 32

DOSE: 60 MG/KG30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Salivary Glands
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OBSERVATIONS

* Bone Marrow	Hypercellularity	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Nose	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Ultimobranchial Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 170

**TRT#:** 21

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207530

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Bone	* Bone Marrow
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**OBSERVATIONS**

* Kidney	Cyst	Mild
	Mineralization	Minimal
* Nose	Inflammation	Chronic Active, Minimal
* Preputial Gland	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

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**ANIMAL ID:** 171

**TRT#:** 23

**SEX:** Male

**DAY ON TEST:** 1

**DOSE:** 120MG/KG30 DAY

**DISP:** Moribund Sacrifice

**HISTO:** 9207501

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 172

**TRT#:** 23

**SEX:** Male

**DAY ON TEST:** 1

**DOSE:** 120MG/KG30 DAY

**DISP:** Natural Death

**HISTO:** 9207502

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 173

**TRT#:** 23

**SEX:** Male

**DAY ON TEST:** 1

**DOSE:** 120MG/KG30 DAY

**DISP:** Natural Death

**HISTO:** 9207503

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

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**ANIMAL ID:** 174

**TRT#:** 23

**SEX:** Male

**DAY ON TEST:** 1

**DOSE:** 120MG/KG30 DAY

**DISP:** Moribund Sacrifice

**HISTO:** 9207504

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 175

**TRT#:** 23

**SEX:** Male

**DAY ON TEST:** 1

**DOSE:** 120MG/KG30 DAY

**DISP:** Natural Death

**HISTO:** 9207505

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

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**ANIMAL ID:** 176

**TRT#:** 23

**SEX:** Male

**DAY ON TEST:** 1

**DOSE:** 120MG/KG30 DAY

**DISP:** Natural Death

**HISTO:** 9207506

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 177

**TRT#:** 23

**SEX:** Male

**DAY ON TEST:** 1

**DOSE:** 120MG/KG30 DAY

**DISP:** Natural Death

**HISTO:** 9207507

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 178

**TRT#:** 23

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** 120MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207508

---

**OBSERVATIONS**

Nose

Olfactory Epi

Metaplasia

Minimal

Olfactory Epi

Necrosis

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 179

**TRT#:** 23

**SEX:** Male

**DAY ON TEST:** 1

**DOSE:** 120MG/KG30 DAY

**DISP:** Natural Death

**HISTO:** 9207509

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 180

**TRT#:** 23

**SEX:** Male

**DAY ON TEST:** 2

**DOSE:** 120MG/KG30 DAY

**DISP:** Moribund Sacrifice

**HISTO:** 9207510

---

**OBSERVATIONS**

Nose

Respirat Epith

Degeneration

Minimal

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 61

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207611

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 | * Islets, Pancreatic     | * Larynx                  | * Liver                     |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland           | * Ovary                     |
| * Pancreas               | * Parathyroid Gland      | * Peripheral Nerve        | * Pituitary Gland           |
| * Salivary Glands        | * Skeletal Muscle        | * Skin                    | * Spinal Cord               |
| * Stomach, Forestomach   | * Stomach, Glandular     | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder        | * Uterus                  |                             |

OBSERVATIONS

- |                            |         |                |                         |
|----------------------------|---------|----------------|-------------------------|
| * Clitoral Gland           |         | Inflammation   | Chronic Active, Mild    |
| * Intestine Small, Jejunum |         | Inflammation   | Granulomatous, Minimal  |
|                            |         | Mineralization | Minimal                 |
| * Kidney                   |         | Mineralization | Mild                    |
| * Lung                     |         | Inflammation   | Chronic Active, Minimal |
| * Nose                     |         | Inflammation   | Chronic Active, Mild    |
| * Spleen                   | Capsule | Hyperplasia    | Minimal                 |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 62

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Nose                     | * Pancreas                | * Parathyroid Gland         |
| * Peripheral Nerve       | * Pituitary Gland          | * Salivary Glands         | * Skeletal Muscle           |
| * Skin                   | * Spinal Cord              | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |
| * Uterus                 |                            |                           |                             |

OBSERVATIONS

- |                            |                |                |         |
|----------------------------|----------------|----------------|---------|
| * Heart                    |                | Cardiomyopathy | Minimal |
| * Kidney                   |                | Mineralization | Mild    |
| * Ovary                    | Periovarn Tiss | Cyst           | Minimal |
| [ Cyst TGLS = 1-10 ]       |                |                |         |
| * Spleen                   | Capsule        | Hyperplasia    | Minimal |
| [ Hyperplasia TGLS = 2-1 ] |                | Necrosis       | Mild    |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 63

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207613

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Moderate
* Nose	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 64	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9207614

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

---

**OBSERVATIONS**

* Kidney	Mineralization	Mild
* Nose	Inflammation	Chronic Active, Mild

---

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 65

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207615

**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	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Clitoral Gland	Inflammation	Chronic Active, Mild
* Kidney	Mineralization	Mild
* Nose	Inflammation	Chronic Active, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 66

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207616

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Intestine Large, Colon	Parasite Metazoan	
* Kidney	Mineralization	Mild
* Nose	Inflammation	Chronic Active, Mild
* Thyroid Gland	Ultimobranchial Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 67

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207617

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney	Mineralization	Mild
* Nose	Inflammation	Chronic Active, Mild
* Thyroid Gland	Ultimobranchial Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 68

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207618

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Clitoral Gland	Inflammation	Granulomatous, Mild
	Mineralization	Minimal
* Heart	Inflammation	Chronic Active, Minimal
* Kidney	Mineralization	Mild
* Nose	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 69

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207619

**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	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Kidney	Mineralization	Mild
* Nose	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 70	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9207620

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

---

**OBSERVATIONS**

* Kidney	Mineralization	Mild
* Nose	Inflammation	Chronic Active, Minimal

---

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 71

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207711

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

Ovary

Periovarn Tiss

Cyst

Moderate

[ Cyst TGLS = 1-10 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 72

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207712

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 73

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207713

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

Ovary

Periovarn Tiss

Cyst

Marked

Note: Both ovaries are cystic; the left is markedly enlarged while the right is mildly affected

[ Cyst TGLS = 1,2-10 ]

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 74

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207714

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 75

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207715

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 76

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207716

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 77

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207717

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 78

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207718

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 79

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207719

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 80

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 7.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207720

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 81

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207691

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 82

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207692

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 83

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207693

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 84

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207694

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 85

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207695

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 86

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207696

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 87

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207697

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 88

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207698

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

Ovary

Periovarn Tiss

Cyst

Marked

[ Cyst TGLS = 1-10 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 89

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207699

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 90

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 15.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207700

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 91

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207671

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 92

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207672

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

Note: AUTOLYSIS PRESENT IN OLFACTORY EPITHELIUM.

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 93

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207673

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 94

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207674

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

Note: AUTOLYSIS PRESENT IN OLFACTORY EPITHELIUM.

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 95

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207675

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

Ovary

Cyst

Mild

Note: Left ovary

[ Cyst TGLS = 1-10 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 96

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207676

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 97

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207677

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 98

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207678

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 99

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207679

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

Ovary

Periovarn Tiss

Cyst

Mild

Note: Right

[ Cyst TGLS = 1-10 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 100

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207680

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 101

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 60.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207651

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

Olfactory Epi

Metaplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 102

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 60.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207652

---

**OBSERVATIONS**

Nose

Olfactory Epi

Metaplasia

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 103

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 60.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207653

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

Olfactory Epi

Metaplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 104

**TRT#:** 10  
**DOSE:** 60.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 94  
**HISTO:** 9207654

---

**OBSERVATIONS**

Nose

Olfactory Epi

Inflammation  
Metaplasia

Chronic Active, Mild  
Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 105

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 60.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207655

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

Olfactory Epi

Metaplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 106

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 60.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207656

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 107

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 60.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207657

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Mild

Olfactory Epi

Metaplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 108

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 60.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207658

---

**OBSERVATIONS**

Nose

Olfactory Epi

Metaplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 109

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 60.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207659

---

**OBSERVATIONS**

Nose

Olfactory Epi

Metaplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 110

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 60.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207660

---

**OBSERVATIONS**

Nose

Olfactory Epi

Olfactory Epi

Inflammation

Metaplasia

Necrosis

Chronic Active, Minimal

Minimal

Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Peripheral Nerve       | * Pituitary Gland          | * Salivary Glands         | * Skeletal Muscle           |
| * Skin                   | * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        | * Uterus                   |                           |                             |

OBSERVATIONS

- |          |               |                |                      |
|----------|---------------|----------------|----------------------|
| * Heart  |               | Cardiomyopathy | Minimal              |
| * Kidney |               | Mineralization | Minimal              |
| * Nose   |               | Inflammation   | Chronic Active, Mild |
|          | Olfactory Epi | Metaplasia     | Mild                 |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 112

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 120.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207632

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

* Peripheral Nerve	* Thymus
--------------------	----------

**OBSERVATIONS**

* Intestine Large, Colon		Parasite Metazoan	Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 1-13 ]			
* Nose	Olfactory Epi	Metaplasia	Minimal
	Olfactory Epi	Necrosis	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 113

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207633

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 | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Peripheral Nerve       | * Pituitary Gland          | * Salivary Glands         | * Skeletal Muscle           |
| * Skin                   | * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        | * Uterus                   |                           |                             |

OBSERVATIONS

- |                  |               |                |                         |
|------------------|---------------|----------------|-------------------------|
| * Clitoral Gland |               | Inflammation   | Chronic Active, Minimal |
| * Kidney         |               | Mineralization | Minimal                 |
| * Nose           |               | Inflammation   | Chronic Active, Minimal |
|                  | Olfactory Epi | Metaplasia     | Mild                    |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 114

TRT#: 12

SEX: Female

DAY ON TEST: 1

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO: 9207634

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 | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Ovary                    | * Pancreas                | * Peripheral Nerve          |
| * Pituitary Gland        | * Salivary Glands          | * Skeletal Muscle         | * Skin                      |
| * Spinal Cord            | * Spleen                   | * Stomach, Forestomach    | * Thymus                    |
| * Thyroid Gland          | * Trachea                  | * Urinary Bladder         | * Uterus                    |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                      |            |                |                          |
|----------------------|------------|----------------|--------------------------|
| * Clitoral Gland     |            | Inflammation   | Chronic Active, Moderate |
| * Kidney             |            | Congestion     | Mild                     |
|                      |            | Mineralization | Mild                     |
| * Nose               |            | Inflammation   | Chronic Active, Mild     |
| * Stomach, Glandular | Epithelium | Erosion        | Mild                     |
|                      |            | Hemorrhage     | Minimal                  |

[ Erosion TGLS = 1-5, 13 ]

[ Hemorrhage TGLS = 1-5 ]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 115	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 94
	<b>DOSE:</b> 120.0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9207635

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

---

**OBSERVATIONS**

* Kidney		Mineralization	Mild
* Nose	Olfactory Epi	Metaplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 116

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 120.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207636

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

* Intestine Small, Ileum	* Intestine Small, Jejunum
--------------------------	----------------------------

**OBSERVATIONS**

* Kidney	Mineralization	Minimal
* Nose	Inflammation	Chronic Active, Mild
	Olfactory Epi	Mild
	Metaplasia	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207637

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 | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Peripheral Nerve       | * Pituitary Gland          | * Salivary Glands         | * Skeletal Muscle           |
| * Skin                   | * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        | * Uterus                   |                           |                             |

OBSERVATIONS

- |                  |               |                |                         |
|------------------|---------------|----------------|-------------------------|
| * Clitoral Gland |               | Inflammation   | Chronic Active, Minimal |
| * Kidney         |               | Mineralization | Minimal                 |
| * Nose           | Olfactory Epi | Metaplasia     | Minimal                 |

Note: AUTOLYSIS PRESENT IN OLFACTORY EPITHELIUM.

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Mild
* Nose		Inflammation	Chronic Active, Mild
	Olfactory Epi	Metaplasia	Mild
	Olfactory Epi	Necrosis	Minimal
* Ovary		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain                    | * Clitoral Gland          | * Esophagus                 |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Peripheral Nerve       | * Pituitary Gland          | * Salivary Glands         | * Skeletal Muscle           |
| * Skin                   | * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        | * Uterus                   |                           |                             |

OBSERVATIONS

- |          |               |                |         |
|----------|---------------|----------------|---------|
| * Heart  |               | Cardiomyopathy | Minimal |
| * Kidney |               | Mineralization | Mild    |
| * Nose   | Olfactory Epi | Metaplasia     | Mild    |

Note: AUTOLYSIS PRESENT IN OLFACTORY EPITHELIUM.

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 120

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 94

**DOSE:** 120.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9207640

**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 Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

\* Intestine Large, Rectum

**OBSERVATIONS**

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Lung	Vein	Mineralization	Minimal
* Nose		Inflammation	Chronic Active, Mild
	Olfactory Epi	Metaplasia	Mild
	Olfactory Epi	Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 181

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 0 MG/KG 30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207491

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 182

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 0 MG/KG 30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207492

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Moderate
* Lung	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 183

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 0 MG/KG 30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207493

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney	Mineralization	Mild
* Thyroid Gland	Ultimobranchial Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 184

TRT#: 14

SEX: Female

DAY ON TEST: 32

DOSE: 0 MG/KG 30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * 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 | * Islets, Pancreatic      | * Larynx                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Nose                     | * Ovary                   | * Pancreas                  | * Parathyroid Gland      |
| * Peripheral Nerve         | * Pituitary Gland         | * Salivary Glands           | * Skeletal Muscle        |
| * Skin                     | * Spinal Cord             | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          | * Uterus                  |                             |                          |

OBSERVATIONS

- |                  |      |                |                         |
|------------------|------|----------------|-------------------------|
| * Clitoral Gland |      | Inflammation   | Chronic Active, Minimal |
| * Heart          | Vein | Inflammation   | Chronic Active, Minimal |
| * Kidney         |      | Mineralization | Moderate                |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 186

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 0 MG/KG 30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207496

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney	Mineralization	Moderate
	Nephropathy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 187

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 0 MG/KG 30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207497

**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	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**OBSERVATIONS**

* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Kidney	Mineralization	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 188

TRT#: 14

SEX: Female

DAY ON TEST: 32

DOSE: 0 MG/KG 30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207498

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 | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Nose                     | * Ovary                   | * Pancreas                  |
| * Parathyroid Gland      | * Peripheral Nerve         | * Pituitary Gland         | * Salivary Glands           |
| * Skeletal Muscle        | * Skin                     | * Spinal Cord             | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

OBSERVATIONS

- |                  |                |                      |
|------------------|----------------|----------------------|
| * Clitoral Gland | Inflammation   | Chronic Active, Mild |
| * Kidney         | Mineralization | Minimal              |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 189

TRT#: 14

SEX: Female

DAY ON TEST: 32

DOSE: 0 MG/KG 30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207499

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 | * Islets, Pancreatic      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Nose                     | * Ovary                   | * Pancreas                  |
| * Peripheral Nerve       | * Pituitary Gland          | * Salivary Glands         | * Skeletal Muscle           |
| * Skin                   | * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thymus                   | * Trachea                 | * Urinary Bladder           |
| * Uterus                 |                            |                           |                             |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                  |                      |                      |
|------------------|----------------------|----------------------|
| * Clitoral Gland | Inflammation         | Chronic Active, Mild |
| * Kidney         | Mineralization       | Minimal              |
| * Thyroid Gland  | Ultimobranchial Cyst | Minimal              |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

**ANIMAL ID:** 190

**TRT#:** 14

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 0 MG/KG 30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207500

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * 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      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Mammary Gland          | * Nose                     | * Ovary                   | * Pancreas                  |
| * Parathyroid Gland      | * Peripheral Nerve         | * Pituitary Gland         | * Salivary Glands           |
| * Skeletal Muscle        | * Skin                     | * Spinal Cord             | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          | * Uterus                  |                             |

**MISSING**

- \* Blood Vessel

**OBSERVATIONS**

- \* Kidney Mineralization Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

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**ANIMAL ID:** 191

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207591

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

Ovary

Periovarn Tiss

Cyst

Moderate

[ Cyst TGLS = 1-10 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 192

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207592

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 193

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207593

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 194

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207594

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 195

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207595

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 196

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207596

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 197

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207597

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 198

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207598

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 199

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207599

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 200

**TRT#:** 16

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 7.5MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207600

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 201

**TRT#:** 18

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207571

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 202

**TRT#:** 18

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207572

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 203

**TRT#:** 18

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207573

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 204

**TRT#:** 18

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207574

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 205

**TRT#:** 18

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207575

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 206	<b>TRT#:</b> 18	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 32
	<b>DOSE:</b> 15 MG/KG30 DAY	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 9207576

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

Ovary [ Cyst TGLS = 1-10 ]	Periovarn Tiss	Cyst	Mild
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 207

**TRT#:** 18

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207577

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 208

**TRT#:** 18

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207578

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 209

**TRT#:** 18

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207579

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

Clitoral Gland

Inflammation

Chronic Active, Mild

Mineralization

Mild

[ Inflammation TGLS = 1-10 ]

[ Mineralization TGLS = 1-10 ]

Liver

Hepatodiaphragmatic Nodule

Mild

[ Hepatodiaphragmatic Nodule TGLS = 2-13 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 210

**TRT#:** 18

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 15 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207580

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 211

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207551

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 212

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207552

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 213

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207553

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 214

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207554

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

Ovary

Cyst

Moderate

[ Cyst TGLS = 1-10 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 215

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207555

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 216

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207556

---

**OBSERVATIONS**

Nose

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 217

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207557

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 218

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207558

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 219

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207559

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 220

**TRT#:** 20

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 30 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207560

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 221

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207531

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 222

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207532

---

**OBSERVATIONS**

Nose

Olfactory Epi

Metaplasia

Minimal

Olfactory Epi

Necrosis

Mild

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 223

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207533

---

**OBSERVATIONS**

Nose

Olfactory Epi

Metaplasia

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 224

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207534

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Nose

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 225

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207535

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 226

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207536

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 227

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207537

---

**OBSERVATIONS**

Nose

Olfactory Epi

Metaplasia

Minimal

Olfactory Epi

Necrosis

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 228

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207538

---

**OBSERVATIONS**

Nose

Olfactory Epi

Metaplasia

Minimal

Olfactory Epi

Necrosis

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

---

**ANIMAL ID:** 229

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207539

---

**OBSERVATIONS**

Nose

Olfactory Epi

Metaplasia

Minimal

Olfactory Epi

Necrosis

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 230

**TRT#:** 22

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 60 MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207540

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**OBSERVATIONS**

Liver		Hepatodiaphragmatic Nodule	Moderate
[ Hepatodiaphragmatic Nodule TGLS = 1-13 ]			
Nose	Olfactory Epi	Metaplasia	Minimal
	Olfactory Epi	Necrosis	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88050-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Methacrylonitrile

**CAS Number:** 126-98-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 10:08:09

**First Dose M/F:** NA / NA

**Lab:** BAT

**ANIMAL ID:** 231

**TRT#:** 24

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 120MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207511

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Kidney		Mineralization	Mild
* Liver		Inflammation	Chronic Active, Mild
Note: Prominent inflammation see in the median lobe			
* Nose	Olfactory Epi	Metaplasia	Mild
	Olfactory Epi	Necrosis	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 232

**TRT#:** 24

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 120MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207512

**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	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Mild
* Nose	Olfactory Epi	Metaplasia	Mild
	Olfactory Epi	Necrosis	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 233

TRT#: 24

SEX: Female

DAY ON TEST: 32

DOSE: 120MG/KG30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex            | * Adrenal Medulla        | * Blood Vessel             | * Bone                    |
| * Bone Marrow               | * Brain                  | * Clitoral Gland           | * Esophagus               |
| * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      |
| * Larynx                    | * Liver                  | * Lung                     | * Lymph Node, Mandibular  |
| * Lymph Node, Mesenteric    | * Mammary Gland          | * Ovary                    | * Pancreas                |
| * Parathyroid Gland         | * Peripheral Nerve       | * Pituitary Gland          | * Salivary Glands         |
| * Skeletal Muscle           | * Skin                   | * Spinal Cord              | * Spleen                  |
| * Stomach, Forestomach      | * Stomach, Glandular     | * Thymus                   | * Thyroid Gland           |
| * Trachea                   | * Urinary Bladder        | * Uterus                   |                           |

OBSERVATIONS

- |          |               |                |         |
|----------|---------------|----------------|---------|
| * Kidney |               | Mineralization | Minimal |
| * Nose   | Olfactory Epi | Metaplasia     | Mild    |
|          | Olfactory Epi | Necrosis       | Mild    |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 234

TRT#: 24

SEX: Female

DAY ON TEST: 32

DOSE: 120MG/KG30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207514

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	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Nose	Olfactory Epi	Metaplasia	Mild
	Olfactory Epi	Necrosis	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 235

**TRT#:** 24

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 120MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207515

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Nose	Olfactory Epi	Metaplasia	Mild
	Olfactory Epi	Necrosis	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88050-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 10:08:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 236

**TRT#:** 24

**SEX:** Female

**DAY ON TEST:** 32

**DOSE:** 120MG/KG30 DAY

**DISP:** Scheduled Sacrifice

**HISTO:** 9207516

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
* Nose	Olfactory Epi	Metaplasia	Mild
	Olfactory Epi	Necrosis	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 237

TRT#: 24

SEX: Female

DAY ON TEST: 32

DOSE: 120MG/KG30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207517

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Heart		Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
* Nose	Olfactory Epi	Metaplasia	Mild
	Olfactory Epi	Necrosis	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 238

TRT#: 24

SEX: Female

DAY ON TEST: 32

DOSE: 120MG/KG30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207518

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Nose	Olfactory Epi	Metaplasia	Mild
	Olfactory Epi	Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 239

TRT#: 24

SEX: Female

DAY ON TEST: 32

DOSE: 120MG/KG30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207519

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Nose	Olfactory Epi	Metaplasia	Minimal
	Olfactory Epi	Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88050-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methacrylonitrile

CAS Number: 126-98-7

Date Report Requested: 10/19/2014

Time Report Requested: 10:08:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 240

TRT#: 24

SEX: Female

DAY ON TEST: 32

DOSE: 120MG/KG30 DAY

DISP: Scheduled Sacrifice

HISTO: 9207520

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	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Note: Small focus of chronic active inflammation located at the one edge of the median lobe			
* Nose	Olfactory Epi	Metaplasia	Mild
	Olfactory Epi	Necrosis	Mild
* Spleen	Capsule	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\*\* END OF REPORT \*\*

\* PROTOCOL REQUIRED TISSUE