

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:51  
**First Dose M/F:** NA / NA  
**Lab:** BNW

**C Number:** C61927  
**Lock Date:** 06/22/1992  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date:** 08/15/1995

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Skin
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hemangiosarcoma	
Harderian Gland		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
Note: TGL 3 not seen even on recut.			
[ Eosinophilic Focus TGLS = 4-13 ]			
[ Hemangiosarcoma TGLS = 2-4 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-11+12 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 653 <b>HISTO:</b> 23806
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Thymus			

OBSERVATIONS

Harderian Gland [ Carcinoma TGLS = 2-10 ]		Carcinoma	
* Kidney		Nephropathy	Mild
* Liver [ Hepatocellular Carcinoma TGLS = 5,6-11+12 ]		Hepatocellular Carcinoma	Multiple
* Lymph Node, Mesenteric		Angiectasis	Mild
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Skin	Prepuce	Inflammation	Suppurative, Moderate
		Inflammation	Suppurative, Mild
[ Inflammation TGLS = 3-14 ]			
[ Inflammation TGLS = 4-13 ]			
* Urin Bladder			
Note: Dilated bladder not considered significant.			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 23807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
Harderian Gland	Adenoma	
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 2-11 ]		
* Lymph Node, Mesenteric	Hyperplasia	Mild
* Preputial Gland	Inflammation	Chronic, Moderate
[ Inflammation TGLS = 1-7 ]		

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23808

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* 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, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Bronchial	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Mild
	Hypertrophy	Minimal
* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	Multiple

[ Alveolar/Bronchiolar Adenoma TGLS = 1,2-3+11 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3-4 ]		
	[ Hepatocellular Carcinoma TGLS = 1-12 ]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Mild
	[ Alveolar/Bronchiolar Adenoma TGLS = 2-3+11 ]		
	[ Hepatocellular Carcinoma TGLS = 2-3 ]		
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Kidney	Nephropathy	Minimal
* Preputial Gland	Cyst	Moderate

[ Cyst TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Duodenum	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

\* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Minimal
* Liver		Hepatocholangiocarcinoma	Multiple
	[ Hepatocholangiocarcinoma TGLS = 3-4+12 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-3+11 ]		
* Lymph Node, Bronchial		Hyperplasia	Mild
	[ Hyperplasia TGLS = 1-2 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23812

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

**MISSING**

* Intestine Large, Rectum	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
* Thymus			

**OBSERVATIONS**

* Adrenal Cortex	Hypertrophy	Minimal
* Kidney	Nephropathy	Minimal
* Liver		
Note: TGL 2 not seen even on recut.		
* Urinary Bladder	Calculus Gross Observation	
Note: TGL 1 is a gross observation, nothing observed histologically.		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 28313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	Harderian Gland	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Int Lg Rectum			
Note: The rectum had no microscopic changes relating it to TGL 1.			
* Kidney		Nephropathy	Minimal
* Skin		Inflammation	Suppurative, Marked
[ Inflammation TGLS = 2-11 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 534

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex            | * Adrenal Medulla        | * Bone                     | * Bone Marrow             |
| * Brain                     | * Epididymis             | * Esophagus                | * Gallbladder             |
| Harderian Gland             | * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Larynx                  |
| * Lung                      | * Lymph Node, Bronchial  | * Lymph Node, Mandibular   | * Lymph Node, Mediastinal |
| * Lymph Node, Mesenteric    | * Nose                   | * Pancreas                 | * Pituitary Gland         |
| * Preputial Gland           | * Prostate               | * Salivary Glands          | * Seminal Vesicle         |
| * Skin                      | * Stomach, Forestomach   | * Stomach, Glandular       | * Testes                  |
| * Thymus                    | * Trachea                | * Urinary Bladder          |                           |

MISSING

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

OBSERVATIONS

- |   |                                  |         |
|---|----------------------------------|---------|
| * Heart   | Cardiomyopathy                   | Minimal |
| * Islets, Pancreatic  | Adenoma                          |         |
| Note: TGL 3 is a blood filled pancreatic islet cell adenoma, not mesenteric lymph node. |                                  |         |
| [ Adenoma TGLS = 3-6 ]  |                                  |         |
| * Kidney  | Nephropathy                      | Mild    |
| * Liver   | Hepatocellular Adenoma           |         |
|   | Hepatocellular Carcinoma         |         |
| [ Hepatocellular Adenoma TGLS = 1-10 ]  |                                  |         |
| [ Hepatocellular Carcinoma TGLS = 2-11 ]  |                                  |         |
| * Spleen  | Hematopoietic Cell Proliferation | Mild    |
| * Thyroid Gland   | Follicular Cel<br>Hyperplasia    | Mild    |

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-4 ]		
* Preputial Gland	Cyst	Moderate
[ Cyst TGLS = 1-7 ]		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 653

DOSE: CONTROL

DISP: Natural Death

HISTO: 23816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Liver	Hepatocellular Adenoma	

Note: No significant lesions seen to account for diffusely pale liver-TGL 3.

[ Hepatocellular Adenoma TGLS = 2-4+11 ]

\* Lung

Note: No significant lesion seen to account for TGL 1.

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 441

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Bone                   | * Bone Marrow              |
| * Brain                   | * Epididymis                | * Esophagus              | * Gallbladder              |
| Harderian Gland           | * 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, Mediastinal | * Lymph Node, Mesenteric    | * Nose                   | * Pancreas                 |
| * Parathyroid Gland       | * Pituitary Gland           | * Preputial Gland        | * Prostate                 |
| * Salivary Glands         | * Seminal Vesicle           | * Skin                   | * Stomach, Forestomach     |
| * Stomach, Glandular      | * Testes                    | * Thymus                 | * Thyroid Gland            |
| * Trachea                 | * Urinary Bladder           |                          |                            |

MISSING

- |                         |                 |
|-------------------------|-----------------|
| * Lymph Node, Bronchial | * Mammary Gland |
|-------------------------|-----------------|

OBSERVATIONS

- |  |                                  |                  |
|--|----------------------------------|------------------|
| * Kidney   | Metaplasia                       | Osseous, Minimal |
| * Liver  | Hepatocellular Carcinoma         |                  |
|  | Necrosis                         | Moderate         |
| [ Hepatocellular Carcinoma TGLS = 2-4+10 ]             |                                  |                  |
| [ Necrosis TGLS = 3-4 ]                                |                                  |                  |
| * Lung   |                                  |                  |
| Note: No significant lesion seen to account for TGL 1. |                                  |                  |
| * Spleen   | Hematopoietic Cell Proliferation | Mild             |

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Hydronephrosis	Minimal
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
	[ Hydronephrosis TGLS = 6-5 ]		
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 2,4-4,12 ]		
	[ Hepatocellular Carcinoma TGLS = 3-11+13 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial GI			
	Note: No changes in the preputial gland correlated with TGL 7.		
* Testes		Atrophy	Minimal
Tooth		Infiltration Cellular	Mast Cell, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 545

DOSE: CONTROL

DISP: Natural Death

HISTO: 23819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Brain
- \* Intestine Large, Cecum
- \* Larynx
- \* Nose
- \* Preputial Gland
- \* Spleen
- \* Thyroid Gland

- \* Adrenal Medulla
- \* Epididymis
- \* Intestine Large, Colon
- \* Lung
- \* Pancreas
- \* Salivary Glands
- \* Stomach, Forestomach
- \* Trachea

- \* Bone
- \* Esophagus
- \* Intestine Large, Rectum
- \* Lymph Node, Bronchial
- \* Parathyroid Gland
- \* Seminal Vesicle
- \* Stomach, Glandular
- \* Urinary Bladder

- \* Bone Marrow
- \* Heart
- \* Islets, Pancreatic
- \* Lymph Node, Mesenteric
- \* Pituitary Gland
- \* Skin
- \* Testes

MISSING

- \* Lymph Node, Mediastinal

- \* Mammary Gland

- \* Prostate

- \* Thymus

AUTO PRECLUDES DIAG.

- \* Gallbladder

- \* Intestine Small, Duodenum

- \* Intestine Small, Ileum

- \* Intestine Small, Jejunum

OBSERVATIONS

Harderian Gland

[ Adenoma TGLS = 1-11 ]

- \* Kidney

- \* Liver

[ Hepatocellular Adenoma TGLS = 2,3,5-12,13,14 ]

- \* Lymph Node, Mandibular

Mesentery

[ Necrosis TGLS = 4-10 ]

Fat

Adenoma

Nephropathy

Hepatocellular Adenoma

Hyperplasia

Necrosis

Mild

Multiple

Mild

Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 2,4-4+11 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-12 ]			
* Pancreas		Atrophy	Minimal
	Duct	Cyst	Mild
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla        | * Bone                     | * Bone Marrow             | * Brain                     |
| * Epididymis             | * Esophagus                | * Gallbladder             | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Larynx                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * Parathyroid Gland        | * Prostate                | * Salivary Glands           |
| * Seminal Vesicle        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Testes                   | * Thymus                  | * Trachea                   |
| * Urinary Bladder        |                            |                           |                             |

MISSING

- |                         |                           |                 |                   |
|-------------------------|---------------------------|-----------------|-------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mediastinal | * Mammary Gland | * Pituitary Gland |
|-------------------------|---------------------------|-----------------|-------------------|

OBSERVATIONS

- |   |                |                    |         |
|---|----------------|--------------------|---------|
| * Adrenal Cortex                                  |                | Hypertrophy        | Mild    |
| Harderian Gland                                   |                | Adenoma            |         |
| * Kidney  |                | Nephropathy        | Minimal |
| Note: No changes in the kidney account for TGL 2. |                |                    |         |
| * Liver   |                | Eosinophilic Focus |         |
| [ Eosinophilic Focus TGLS = 1-11 ]                |                |                    |         |
| * Preputial Gland                                 |                | Cyst               | Mild    |
| * Thyroid Gland                                   | Follicular Cel | Hyperplasia        | Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 503

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex            | * Adrenal Medulla        | * Bone                     | * Bone Marrow             |
| * Brain                     | * Epididymis             | * Esophagus                | * Gallbladder             |
| Harderian Gland             | * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      |
| * Kidney                    | * Larynx                 | * Lymph Node, Bronchial    | * Lymph Node, Mandibular  |
| * Lymph Node, Mediastinal   | * Lymph Node, Mesenteric | * Nose                     | * Pancreas                |
| * Parathyroid Gland         | * Pituitary Gland        | * Preputial Gland          | * Prostate                |
| * Salivary Glands           | * Seminal Vesicle        | * Skin                     | * Stomach, Forestomach    |
| * Stomach, Glandular        | * Testes                 | * Thymus                   | * Thyroid Gland           |
| * Trachea                   | * Urinary Bladder        |                            |                           |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |   |  |                    |
|---|--|--------------------|
| * Heart   | Hepatocellular Carcinoma                       | Metastatic (Liver) |
| Note: Heart lesion is an embolic hepatocellular carcinoma, but embolus wasn't an available diagnosis. |  |                    |
| * Liver   | Eosinophilic Focus<br>Hepatocellular Carcinoma |                    |
| Note: TGL 7 not found on recut.   |  |                    |
| [ Eosinophilic Focus TGLS = 6-10 ]  |  |                    |
| [ Hepatocellular Carcinoma TGLS = 3-11 ]  |  |                    |
| * Lung  | Hepatocellular Carcinoma                       | Metastatic (Liver) |
| [ Hepatocellular Carcinoma TGLS = 1,2,5-3 ]   |  |                    |
| * Spleen  | Hematopoietic Cell Proliferation               | Mild               |
| [ Hematopoietic Cell Proliferation TGLS = 4-4 ]   |  |                    |

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 714

DOSE: CONTROL

DISP: Natural Death

HISTO: 23823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Intestine Small, Duodenum	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland
* Preputial Gland	* Thymus		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Suppurative, Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Skin	Prepuce	Inflammation	Suppurative, Marked
[ Inflammation TGLS = 1-11 ]			
* Stomach, Glandular		Ulcer	Minimal
[ Ulcer TGLS = 2-8 ]			
* Urinary Bladder		Inflammation	Suppurative, Moderate
Note: Bladder lesion is chronic but same basic process as the suppurative lesions.			

PRIMARY CAUSE OF DEATH

- Urinary Bladder Inflammation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Thyroid Gland	Follicular Cel	Adenoma	
[ Adenoma TGLS = 1-2 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 1-10 ]		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver [ Hepatocellular Adenoma TGLS = 2-4+11+12 ]		Hepatocellular Adenoma	Multiple
* Lymph Node, Mandibular		Hyperplasia	Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23826

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

**MISSING**

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

* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-11 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Epididymis		Histiocytic Sarcoma	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
Note: A significant reason for TGL 3 was not seen.			
* Liver		Hepatocellular Adenoma	Multiple
Note: A significant reason for TGL 1 was not observed. [ Hepatocellular Adenoma TGLS = 2,6-4 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
[ Angiectasis TGLS = 5-6 ]			
* Preputial Gland		Inflammation	Chronic, Mild
* Testes		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
* Urin Bladder			
Note: A distended urinary bladder was not considered a significant lesion to correlate to TGL 4.			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE





Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23829

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

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

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex

\* Adrenal Medulla

\* 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

\* Nose

\* Pituitary Gland

\* Skin

\* Thyroid Gland

\* Trachea

MISSING

\* Mammary Gland

\* Parathyroid Gland

INSUFFICIENT TISSUE

\* Gallbladder

OBSERVATIONS

\* Bone

Hyperostosis

Mild

[ Hyperostosis TGLS = 6-11 ]

\* Epididymis

Lymphoma Malignant

Harderian Gland

Lymphoma Malignant

\* Heart

Lymphoma Malignant

\* Kidney

Lymphoma Malignant

\* Liver

Hepatocellular Adenoma

Hepatocellular Carcinoma

Multiple

Lymphoma Malignant

Necrosis

Marked

[ Hepatocellular Adenoma TGLS = 8-12 ]

[ Hepatocellular Carcinoma TGLS = 9,10,11,12-4+13+14 ]

[ Necrosis TGLS = 11-13 ]

\* Lung

Lymphoma Malignant

Lymph Node

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 4-15 ]

\* Lymph Node, Bronchial

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-3 ]

\* Lymph Node, Mandibular

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-7 ]

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:51  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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<b>ANIMAL ID:</b> 26	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 23830

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Lymph Node, Mediastinal [ Lymphoma Malignant TGLS = 3-2 ]	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Pancreas	Lymphoma Malignant	
* Preputial Gland	Inflammation	Chronic, Mild
* Prostate [ Lymphoma Malignant TGLS = 5-8 ]	Lymphoma Malignant	
* Salivary Glands	Lymphoma Malignant	
* Seminal Vesicle	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 7-4 ]	Lymphoma Malignant	
* Stomach, Forestomach	Lymphoma Malignant	
* Stomach, Glandular	Lymphoma Malignant	
* Testes	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	
* Urinary Bladder [ Lymphoma Malignant TGLS = 13-8 ]	Lymphoma Malignant	

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Medulla  
\* Epididymis  
\* Heart  
\* Intestine Small, Duodenum  
\* Larynx  
\* Pancreas  
\* Prostate  
\* Spleen  
\* Thyroid Gland

\* Bone  
\* Esophagus  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lymph Node, Mandibular  
\* Parathyroid Gland  
\* Salivary Glands  
\* Stomach, Forestomach  
\* Trachea

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Stomach, Glandular  
\* Urinary Bladder

\* Brain  
\* Harderian Gland  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Nose  
\* Preputial Gland  
\* Skin  
\* Thymus

MISSING

\* Lymph Node, Bronchial

\* Lymph Node, Mediastinal

\* Mammary Gland

OBSERVATIONS

\* Adrenal Cortex  
\* Kidney  
\* Liver

Hypertrophy  
Nephropathy  
Clear Cell Focus  
Eosinophilic Focus  
Alveolar/Bronchiolar Adenoma

Minimal  
Minimal

\* Lung  
[ Alveolar/Bronchiolar Adenoma TGLS = 1-3 ]

\* Testes

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-4 ]		
* Lymph Node, Mediastinal	Hyperplasia	Mild
* Lymph Node, Mesenteric	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- |                         |                 |
|-------------------------|-----------------|
| * Lymph Node, Bronchial | * Mammary Gland |
|-------------------------|-----------------|

OBSERVATIONS

- |                      |         |                        |         |
|----------------------|---------|------------------------|---------|
| * Adrenal Cortex     | Capsule | Adenoma                |         |
| Harderian Gland      |         | Adenoma                |         |
|                      |         | Hyperplasia            | Marked  |
| * Islets, Pancreatic |         | Hyperplasia            | Minimal |
| * Kidney             |         | Nephropathy            | Minimal |
| * Liver              |         | Hepatocellular Adenoma |         |

[ Hepatocellular Adenoma TGLS = 1-11 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Esophagus	* Lymph Node, Bronchial	* Mammary Gland
-------------	-------------------------	-----------------

INSUFFICIENT TISSUE

\* Thymus

OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 1-10 ]		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Moderate
		Hepatocellular Adenoma	Multiple
[ Cyst TGLS = 4-12 ]			
[ Hepatocellular Adenoma TGLS = 3,5-11+13 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Marked
[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 490

DOSE: CONTROL

DISP: Natural Death

HISTO: 23835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                   |                 |                     |                   |
|-------------------|-----------------|---------------------|-------------------|
| * Bone            | * Brain         | * Epididymis        | * Esophagus       |
| Harderian Gland   | * Heart         | * Kidney            | * Larynx          |
| * Lung            | * Nose          | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate      | * Salivary Glands   | * Skin            |
| * Testes          | * Thyroid Gland |                     |                   |

MISSING

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

AUTO PRECLUDES DIAG.

- |                           |                            |                           |                             |
|---------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla          | * Bone Marrow             | * Gallbladder               |
| * Intestine Large, Cecum  | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum  | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Lymph Node, Bronchial     |
| * Lymph Node, Mediastinal | * Pancreas                 | * Seminal Vesicle         | * Spleen                    |
| * Stomach, Forestomach    | * Stomach, Glandular       | * Trachea                 | * Urinary Bladder           |

OBSERVATIONS

- \* Int Sm Ileum  
Note: Ileum too autolyzed to interpret for TGL 5.
- |                                       |                |  |         |
|---------------------------------------|----------------|--|---------|
| * Liver                               | Bile Duct      | Degeneration<br>Hepatocellular Adenoma   | Minimal |
| [ Hepatocellular Adenoma TGLS = 4-4 ] |                |  |         |
| Lymph Node                            | Iliac<br>Renal | Lymphoma Malignant<br>Lymphoma Malignant |         |
| [ Lymphoma Malignant TGLS = 2-11 ]    |                |  |         |
| [ Lymphoma Malignant TGLS = 3-12 ]    |                |  |         |
| * Lymph Node, Mesenteric              |                | Lymphoma Malignant                       |         |
| [ Lymphoma Malignant TGLS = 1-10 ]    |                |  |         |

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

Animal Note: autolysis precludes evaluation of TGL 5.

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	

[ Eosinophilic Focus TGLS = 1-11 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 576

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Epididymis		Granuloma Sperm	Moderate
* Heart	Atrium	Thrombosis	Marked
	[ Thrombosis TGLS = 2-14 ]		
* Kidney		Nephropathy	Mild
* Larynx		Inflammation	Suppurative, Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Carcinoma TGLS = 3-10+11+12+13 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
	Perivascular	Inflammation	Chronic, Moderate
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-3 ]		
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 4-4 ]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Medulla
- \* Epididymis
- \* Heart
- \* Intestine Small, Duodenum
- \* Larynx
- \* Lymph Node, Mediastinal
- \* Parathyroid Gland
- \* Salivary Glands
- \* Stomach, Forestomach
- \* Trachea

- \* Bone
- \* Esophagus
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Liver
- \* Lymph Node, Mesenteric
- \* Pituitary Gland
- \* Seminal Vesicle
- \* Stomach, Glandular
- \* Urinary Bladder

- \* Bone Marrow
- \* Gallbladder
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lung
- \* Nose
- \* Preputial Gland
- \* Skin
- \* Testes

- \* Brain
- Harderian Gland
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Lymph Node, Mandibular
- \* Pancreas
- \* Prostate
- \* Spleen
- \* Thyroid Gland

MISSING

\* Lymph Node, Bronchial

\* Mammary Gland

\* Thymus

OBSERVATIONS

- \* Adrenal Cortex
- \* Kidney

Hypertrophy  
Nephropathy

Mild  
Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

INSUFFICIENT TISSUE

\* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Marked
[ Hepatocellular Adenoma TGLS = 5,6-4+11+12 ]			
[ Necrosis TGLS = 4-14 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
	Perivascular	Inflammation	Chronic, Mild
[ Alveolar/Bronchiolar Adenoma TGLS = 3-3 ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-13 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:51  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 35

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 23839

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 609

DOSE: CONTROL

DISP: Natural Death

HISTO: 23840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Harderian Gland
* Heart	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Trachea	

MISSING

* Intestine Small, Duodenum	* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular	* Urinary Bladder

OBSERVATIONS

* Liver [ Hepatocellular Carcinoma TGLS = 2-11 ]		Hepatocellular Carcinoma	
* Nose		Inflammation	Suppurative, Mild
* Pituitary Gland [ Adenoma TGLS = 1-8 ]	Pars Distalis	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth		Developmental Malformation	

PRIMARY CAUSE OF DEATH - Tooth Developmental Malformation

CONTRIBUTORY CAUSE OF DEATH - Nose Inflammation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Gallbladder	Harderian Gland
* 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, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Esophagus	* Lymph Node, Bronchial	* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Hydronephrosis	Marked
	Nephropathy	Minimal
[ Hydronephrosis TGLS = 2-11 ]		
* Skin	Inflammation	Suppurative, Marked
[ Inflammation TGLS = 1-12 ]		
* Testes	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Harderian Gland	* 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, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
		[ Clear Cell Focus TGLS = 1-13 ]	
		[ Hepatocellular Carcinoma TGLS = 2-11+12 ]	
* Seminal Vesicle		Inflammation	Mild
		[ Inflammation TGLS = 3-14 ]	
Tooth		Developmental Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 653

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Epididymis		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 3-12 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-13 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 5-7 ]			
* Prostate		Hyperplasia	Minimal
* Skin	Prepuce	Histiocytic Sarcoma	
	Subcut Tiss	Histiocytic Sarcoma	

Note: TGL 1 is from tail. Site not available to include with diagnosis.

[ Histiocytic Sarcoma TGLS = 1-11 ]

[ Histiocytic Sarcoma TGLS = 4-14 ]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 701

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Mild
	Hypertrophy	Minimal
Harderian Gland	Adenoma	
[ Adenoma TGLS = 2-10 ]		
* Heart	Cardiomyopathy	Minimal
* Kidney	Hydronephrosis	Mild
	Nephropathy	Mild
[ Hydronephrosis TGLS = 3-5 ]		
* Skin	Inflammation	Suppurative, Marked
[ Inflammation TGLS = 1-11 ]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 449

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-10 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Iliac	Hyperplasia	Mild
[ Hyperplasia TGLS = 2-11 ]			
Penis		Inflammation	Suppurative, Marked
[ Inflammation TGLS = 5-7+12 ]			
* Skin	Prepuce	Inflammation	Suppurative, Marked
[ Inflammation TGLS = 4-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Necrosis	Mild
* Urin Bladder			

Note: Distended urinary bladder not considered significant to correlate with TGL 1.

PRIMARY CAUSE OF DEATH

- Skin Prepuce Inflammation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23847

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

**MISSING**

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

* Kidney		Hydronephrosis	Mild
* Liver		Eosinophilic Focus	
Note: TGL 1 not found even on recut.			
* Skin	Prepuce	Inflammation	Suppurative, Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urin Bladder			
Note: Distended urinary bladder not considered significant to diagnose and correlate with TGL 2.			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla        | * Bone                     | * Bone Marrow             | * Brain                     |
| * Epididymis             | * Esophagus                | * Gallbladder             | Harderian Gland             |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Larynx                    |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  |
| * Parathyroid Gland      | * Pituitary Gland          | * Preputial Gland         | * Prostate                  |
| * Salivary Glands        | * Seminal Vesicle          | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Testes                   | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          |                           |                             |

MISSING

- |                         |                 |
|-------------------------|-----------------|
| * Lymph Node, Bronchial | * Mammary Gland |
|-------------------------|-----------------|

OBSERVATIONS

- |  |         |                              |                     |
|--|---------|------------------------------|---------------------|
| * Adrenal Cortex   | Capsule | Adenoma                      |                     |
|  |         | Hypertrophy                  | Minimal             |
| * Heart  |         | Cardiomyopathy               | Minimal             |
| * Kidney   |         | Nephropathy                  | Minimal             |
| Note: No kidney lesions were seen to correlate with TGL 4.                                       |         |                              |                     |
| * Liver  |         | Eosinophilic Focus           |                     |
| * Lung   |         | Alveolar/Bronchiolar Adenoma |                     |
| [ Alveolar/Bronchiolar Adenoma TGLS = 3-11 ]   |         |                              |                     |
| * Lymph Node, Mediastinal  |         | Hyperplasia                  | Marked              |
|  |         | Lymphoma Malignant           |                     |
| * Skin   | Prepuce | Inflammation                 | Suppurative, Marked |
| [ Inflammation TGLS = 1-12 ]   |         |                              |                     |
| * Urin Bladder   |         |                              |                     |
| Note: Distended urinary bladder not considered significant to diagnose and correlate with TGL 2. |         |                              |                     |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 665

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	Harderian Gland	* 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, Bronchial	* Lymph Node, Mediastinal	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Minimal
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 2-7 ]			
* Skin	Prepuce	Inflammation	Suppurative, Marked
[ Inflammation TGLS = 1-11 ]			
* Urin Bladder			

Note: Distended urinary bladder not considered significant to correlate with TGL 3.

PRIMARY CAUSE OF DEATH

- Skin Prepuce Inflammation

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 623

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

* Heart	Cardiomyopathy	Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-11 ]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Inflammation	Chronic, Moderate
[ Inflammation TGLS = 3-7 ]		
* Skin	Inflammation	Suppurative, Marked
[ Inflammation TGLS = 2-12 ]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 581

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

* Heart	Cardiomyopathy	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	Marked
	Necrosis	
[ Hepatocellular Carcinoma TGLS = 2-11 ]		
[ Necrosis TGLS = 3-10 ]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
Note: TGL 1 is probably due to lung congestion but is not considered a significant lesion to diagnose.		
* Pancreas	Atrophy	Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 653

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Carcinoma TGLS = 3,4-11+12 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Moderate
	[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]		
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-4 ]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-3 ]	Infiltration Cellular	Histiocyte, Mild
* Skin	Subcut Tiss	
[ Histiocytic Sarcoma TGLS = 1-11 ]	Histiocytic Sarcoma	
* Urin Bladder		

Note: Calculus was a gross lesion, there was no microscopic correlate to TGL 4.

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23854

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Harderian Gland	* 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, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Bronchial	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Hypertrophy	Minimal
* Gallbladder	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 201

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Heart	Cardiomyopathy	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 1-3 ]		
* Preputial Gland	Cyst	Moderate
[ Cyst TGLS = 2-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 202

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
* Epididymis	Granuloma Sperm	Marked
[ Granuloma Sperm TGLS = 3-7 ]		
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 1-11 ]		
[ Hepatocellular Carcinoma TGLS = 2-4 ]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 203

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 204

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24108

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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, Mediastinal	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**INSUFFICIENT TISSUE**

\* Lymph Node, Bronchial

**OBSERVATIONS**

* Kidney	Nephropathy	Minimal
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 2-11+12 ]	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 1-4 ]	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 205

TRT#: 3

SEX: Male

DAY ON TEST: 721

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex	Hyperplasia	Mild
Harderian Gland	Adenoma	
[ Adenoma TGLS = 1-11 ]		
* Heart	Cardiomyopathy	Minimal
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Hydronephrosis	Mild
	Nephropathy	Minimal
[ Hydronephrosis TGLS = 5-5 ]		
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	
[ Eosinophilic Focus TGLS = 4-14 ]		
[ Hepatocellular Carcinoma TGLS = 3-12 ]		
* Urin Bladder		
Note: TGL 2 is only a seminal plug.		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 206

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Skin
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 1-10 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-11 ]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 207

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Brain
- Harderian Gland
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Lung
- \* Lymph Node, Mesenteric
- \* Prostate
- \* Spleen
- \* Thymus

- \* Adrenal Medulla
- \* Epididymis
- \* Heart
- \* Intestine Small, Duodenum
- \* Kidney
- \* Lymph Node, Bronchial
- \* Nose
- \* Salivary Glands
- \* Stomach, Forestomach
- \* Thyroid Gland

- \* Bone
- \* Esophagus
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Larynx
- \* Lymph Node, Mandibular
- \* Pancreas
- \* Seminal Vesicle
- \* Stomach, Glandular
- \* Trachea

- \* Bone Marrow
- \* Gallbladder
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Liver
- \* Lymph Node, Mediastinal
- \* Pituitary Gland
- \* Skin
- \* Testes
- \* Urinary Bladder

MISSING

- \* Mammary Gland

- \* Parathyroid Gland

OBSERVATIONS

- \* Preputial Gland

Cyst

Mild

[ Cyst TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 208

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

* Adrenal Cortex		Hypertrophy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]			
* Pituitary Gland	Pars Intermed	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 209

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 210

TRT#: 3

DOSE: 188 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 484

HISTO: 24114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Harderian Gland
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Seminal Vesicle
* Stomach, Glandular			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Suppurative, Mild
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
Penis		Inflammation	Suppurative, Mild
[ Inflammation TGLS = 1-7 ]			
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stom Gland			
Note: Autolysis precludes correlation with TGL 3.			
Urethra		Inflammation	Suppurative, Marked
* Urinary Bladder		Inflammation	Suppurative, Marked
[ Inflammation TGLS = 2-8 ]			

PRIMARY CAUSE OF DEATH

- Urinary Bladder Inflammation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 211

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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, Mediastinal	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Mild
	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
[ Cyst TGLS = 1-5 ]			
* Liver		Hemangiosarcoma	
		Hepatocellular Carcinoma	
[ Hemangiosarcoma TGLS = 3-4 ]			
[ Hepatocellular Carcinoma TGLS = 2-4 ]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
[ Hyperplasia TGLS = 4-6 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 212

TRT#: 3

DOSE: 188 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 24116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic [ Adenoma TGLS = 2-4 ]		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver [ Hepatocellular Carcinoma TGLS = 1-11+12 ]		Hepatocellular Carcinoma	
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Degeneration	Minimal
* Testes		Atrophy	Minimal
* Thyroid Gland [ Carcinoma TGLS = 3-2+2A ]	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 213

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex            | * Adrenal Medulla        | * Bone                     | * Bone Marrow             |
| * Brain                     | * Epididymis             | * Esophagus                | * Gallbladder             |
| Harderian Gland             | * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      |
| * Larynx                    | * Lung                   | * Lymph Node, Bronchial    | * Lymph Node, Mandibular  |
| * Lymph Node, Mesenteric    | * Nose                   | * Parathyroid Gland        | * Pituitary Gland         |
| * Preputial Gland           | * Prostate               | * Salivary Glands          | * Seminal Vesicle         |
| * Skin                      | * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      |
| * Testes                    | * Thyroid Gland          | * Trachea                  | * Urinary Bladder         |

MISSING

- |                           |                 |          |
|---------------------------|-----------------|----------|
| * Lymph Node, Mediastinal | * Mammary Gland | * Thymus |
|---------------------------|-----------------|----------|

OBSERVATIONS

- |                                       |                        |         |
|---------------------------------------|------------------------|---------|
| * Heart                               | Cardiomyopathy         | Minimal |
| * Kidney                              | Nephropathy            | Minimal |
| * Liver                               | Hepatocellular Adenoma |         |
| [ Hepatocellular Adenoma TGLS = 1-4 ] |                        |         |
| * Pancreas                            | Adenoma                |         |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 214

TRT#: 3

SEX: Male

DAY ON TEST: 448

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

Harderian Gland	Adenoma	
* Liver	Hepatocellular Carcinoma	
	Necrosis	Moderate
[ Hepatocellular Carcinoma TGLS = 1-10 ]		
* Stomach, Glandular	Ulcer	Moderate
[ Ulcer TGLS = 2-8 ]		
* Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 215

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Mammary Gland

OBSERVATIONS

* Bone Marrow	Hemangiosarcoma	
Harderian Gland	Adenoma	Multiple
[ Adenoma TGLS = 1-10 ]		
* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 216

TRT#: 3

DOSE: 188 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 24120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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INSUFFICIENT TISSUE

* Parathyroid Gland
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OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 1-10 ]	Adenoma	
* Kidney	Nephropathy	Minimal
* Liver [ Hepatocellular Adenoma TGLS = 4,6-4+11 ] [ Hepatocellular Carcinoma TGLS = 3-4 ]	Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
* Lung [ Alveolar/Bronchiolar Adenoma TGLS = 5-3 ]	Alveolar/Bronchiolar Adenoma Pigmentation	Hemosiderin, Marked
* Lymph Node, Mesenteric	Hyperplasia	Mild
* Nose Nasolacrimal Duct	Inflammation	Suppurative, Mild
* Preputial Gland [ Cyst TGLS = 2-7 ]	Cyst	Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 217

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]		
	[ Infiltration Cellular TGLS = 2-11 ]		
* Nose	Olfactory Epi	Degeneration	Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 218

TRT#: 3

DOSE: 188 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 728

HISTO: 24122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
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OBSERVATIONS

* Liver	Hematopoietic Cell Proliferation Squamous Cell Carcinoma	Mild Metastatic (Stomach, Forestomach)
[ Squamous Cell Carcinoma TGLS = 4-4 ]		
* Lung	Alveolar/Bronchiolar Adenoma Infiltration Cellular Inflammation Hyperplasia	Histiocyte, Mild Chronic, Minimal Moderate
* Lymph Node, Mediastinal		
[ Hyperplasia TGLS = 1-2 ]		
* Spleen	Fibrosis Hematopoietic Cell Proliferation	Mild Moderate
[ Fibrosis TGLS = 5-4 ]		
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]		
* Stomach, Forestomach	Squamous Cell Carcinoma	
[ Squamous Cell Carcinoma TGLS = 3-8 ]		

PRIMARY CAUSE OF DEATH

- Stomach, Forestomach Squamous Cell Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 219

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Medulla           | * Bone                   | * Bone Marrow              | * Brain                   |
| * Epididymis                | * Esophagus              | * Gallbladder              | Harderian Gland           |
| * 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, Bronchial    | * Lymph Node, Mandibular  |
| * Lymph Node, Mediastinal   | * Lymph Node, Mesenteric | * Nose                     | * Pancreas                |
| * Pituitary Gland           | * Preputial Gland        | * Prostate                 | * Salivary Glands         |
| * Seminal Vesicle           | * Skin                   | * Spleen                   | * Stomach, Forestomach    |
| * Stomach, Glandular        | * Testes                 | * Thymus                   | * Thyroid Gland           |
| * Trachea                   | * Urinary Bladder        |                            |                           |

MISSING

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

OBSERVATIONS

- |                  |                          |          |
|------------------|--------------------------|----------|
| * Adrenal Cortex | Hypertrophy              | Minimal  |
| * Kidney         | Nephropathy              | Minimal  |
| * Liver          | Clear Cell Focus         |          |
|                  | Eosinophilic Focus       |          |
|                  | Hepatocellular Adenoma   | Multiple |
|                  | Hepatocellular Carcinoma |          |

[ Hepatocellular Adenoma TGLS = 1,2-4+12 ]

[ Hepatocellular Carcinoma TGLS = 3-11 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 220

TRT#: 3

SEX: Male

DAY ON TEST: 721

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 3-10 ]		Adenoma	Multiple
* Kidney	Renal Tubule	Hyperplasia Nephropathy	Mild Minimal
* Liver [ Hemangiosarcoma TGLS = 4-12 ] [ Hepatocellular Carcinoma TGLS = 2-11 ]		Hemangiosarcoma Hepatocellular Carcinoma	
* Skin [ Inflammation TGLS = 1-13 ]	Prepuce	Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 221

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                           |                            |                           |
|-----------------------------|---------------------------|----------------------------|---------------------------|
| * Adrenal Medulla           | * Bone                    | * Bone Marrow              | * Brain                   |
| * Epididymis                | * Esophagus               | * Gallbladder              | Harderian Gland           |
| * Heart                     | * Intestine Large, Cecum  | * Intestine Large, Colon   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum  | * Intestine Small, Jejunum | * Kidney                  |
| * Larynx                    | * Liver                   | * Lung                     | * Lymph Node, Bronchial   |
| * Lymph Node, Mandibular    | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric   | * Nose                    |
| * Pancreas                  | * Parathyroid Gland       | * Pituitary Gland          | * Preputial Gland         |
| * Prostate                  | * Salivary Glands         | * Seminal Vesicle          | * Skin                    |
| * Spleen                    | * Stomach, Forestomach    | * Stomach, Glandular       | * Testes                  |
| * Thymus                    | * Trachea                 | * Urinary Bladder          |                           |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                      |                |             |          |
|----------------------|----------------|-------------|----------|
| * Adrenal Cortex     |                | Hypertrophy | Moderate |
| * Islets, Pancreatic |                | Hyperplasia | Mild     |
| * Thyroid Gland      | Follicular Cel | Hyperplasia | Minimal  |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 222

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24126

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 223

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-11 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
		Hyperplasia	Mild
[ Angiectasis TGLS = 2-6 ]			
* Nose	Olfactory Epi	Degeneration	Minimal
		Inflammation	Suppurative, Minimal
* Spleen		Angiectasis	Mild
		Fibrosis	Focal, Mild
Tooth		Developmental Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 224

TRT#: 3

DOSE: 188 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 731

HISTO: 24128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

\* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Larynx	* Nose	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Intestine Small, Jejunum [ Lymphoma Malignant TGLS = 6-14 ]	Peyers Patch	Lymphoma Malignant	
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Necrosis	Mild
[ Necrosis TGLS = 4-4 ]			
* Lung Note: TGL 1 is due to congestion but this is not considered significant to diagnose.			
Lymph Node [ Lymphoma Malignant TGLS = 3-12 ]	Renal	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 5-13 ]		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-4+11 ]		Lymphoma Malignant	
* Testes	Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:51  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 224

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 731

**DOSE:** 188 PPM

**DISP:** Natural Death

**HISTO:** 24128

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 225

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 1-11 ]		
* Preputial Gland	Inflammation	Chronic, Mild
* Spleen	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 226

TRT#: 3

SEX: Male

DAY ON TEST: 665

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Medulla
- \* Epididymis
- \* Heart
- \* Intestine Small, Duodenum
- \* Kidney
- \* Lymph Node, Mandibular
- \* Pituitary Gland
- \* Seminal Vesicle
- \* Stomach, Glandular
- \* Urinary Bladder

- \* Bone
- \* Esophagus
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Larynx
- \* Lymph Node, Mediastinal
- \* Preputial Gland
- \* Skin
- \* Testes

- \* Bone Marrow
- \* Gallbladder
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lung
- \* Nose
- \* Prostate
- \* Spleen
- \* Thymus

- \* Brain
- Harderian Gland
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Lymph Node, Bronchial
- \* Pancreas
- \* Salivary Glands
- \* Stomach, Forestomach
- \* Trachea

MISSING

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Parathyroid Gland

OBSERVATIONS

- \* Adrenal Cortex
- \* Liver

[ Hepatocellular Carcinoma TGLS = 1-11 ]

\* Thyroid Gland

Follicular Cel

Hyperplasia  
Hepatocellular Carcinoma

Moderate

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 227

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Eye			
Note: There were not eye lesions to correlate with TGL 1.			
Harderian Gland		Adenoma	Multiple
[ Adenoma TGLS = 2-10 ]			
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: TGL 3 is infarcted liver carcinoma not mesenteric fat.			
[ Hepatocellular Adenoma TGLS = 4-4 ]			
[ Hepatocellular Carcinoma TGLS = 3-11 ]			
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
	Olfactory Epi	Degeneration	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 228

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24132

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Hypertrophy	Minimal
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 229

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24133

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Harderian Gland	* 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, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Bronchial	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Hypertrophy	Minimal
* Gallbladder	Hyperplasia	Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 230

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Medulla

\* Epididymis

\* Heart

\* Intestine Small, Duodenum

\* Larynx

\* Lymph Node, Mediastinal

\* Parathyroid Gland

\* Salivary Glands

\* Stomach, Forestomach

\* Thyroid Gland

\* Bone

\* Esophagus

\* Intestine Large, Cecum

\* Intestine Small, Ileum

\* Liver

\* Lymph Node, Mesenteric

\* Pituitary Gland

\* Seminal Vesicle

\* Stomach, Glandular

\* Trachea

\* Bone Marrow

\* Gallbladder

\* Intestine Large, Colon

\* Intestine Small, Jejunum

\* Lung

\* Nose

\* Preputial Gland

\* Skin

\* Testes

\* Urinary Bladder

\* Brain

Harderian Gland

\* Intestine Large, Rectum

\* Islets, Pancreatic

\* Lymph Node, Mandibular

\* Pancreas

\* Prostate

\* Spleen

\* Thymus

MISSING

\* Lymph Node, Bronchial

\* Mammary Gland

OBSERVATIONS

\* Adrenal Cortex

\* Kidney

Hypertrophy

Metaplasia

Nephropathy

Mild

Osseous, Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 231

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
Harderian Gland	Adenoma	Multiple
[ Adenoma TGLS = 1-10 ]		
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Hepatocellular Adenoma	
[ Basophilic Focus TGLS = 3-4 ]		
[ Hepatocellular Adenoma TGLS = 2-11 ]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 4-3 ]		
* Lymph Node, Mesenteric	Hyperplasia	Mild
[ Hyperplasia TGLS = 5-6 ]		
* Spleen	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 232

TRT#: 3

SEX: Male

DAY ON TEST: 707

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
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OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 2-10 ]		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
		Inflammation	Suppurative, Mild
* Testes		Atrophy	Minimal
Tooth		Developmental Malformation	

PRIMARY CAUSE OF DEATH - Tooth Developmental Malformation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 233

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24137

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Hypertrophy	Mild
* Liver	Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-11 ]		
* Lung	Alveolar/Bronchiolar Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 234

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

\* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Suppurative, Mild
		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-4+11 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Inflammation	Mild
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 235

TRT#: 3

SEX: Male

DAY ON TEST: 679

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Islets, Pancreatic	Adenoma	
Note: TGL 2 is in pancreas next to duodenum. [ Adenoma TGLS = 2-12 ]		
* Kidney	Lymphoma Malignant	
* Lung	Lymphoma Malignant	
* Lymph Node, Bronchial	Lymphoma Malignant	
* Lymph Node, Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3+11 ]		

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 236

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
* Pancreas		Cytoplasmic Alteration	Minimal
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 237

TRT#: 3

DOSE: 188 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 24141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3-4+11 ]		
* Lung	Hemorrhage	Minimal
[ Hemorrhage TGLS = 1-3 ]		
* Lymph Node, Bronchial	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 238

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Bone Marrow	Hemangiosarcoma	
* Kidney	Nephropathy	Minimal
* Spleen	Hemangiosarcoma	

[ Hemangiosarcoma TGLS = 1-11 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 239

TRT#: 3

SEX: Male

DAY ON TEST: 659

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 1-10 ]		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric [ Hyperplasia TGLS = 4-6 ]		Hyperplasia	Mild
* Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Minimal Hyaline, Minimal
* Skin Note: Skin lesion is in scrotum. [ Inflammation TGLS = 3-11 ]		Inflammation	Suppurative, Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urin Bladder Note: Urinary bladder has no lesions to correlate with TGL 2.			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 240

TRT#: 3

DOSE: 188 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 479

HISTO: 24144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Salivary Glands
* Thymus			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-12+13 ]			
* Liver		Lymphoma Malignant	
		Necrosis	Mild
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2,4-10+11 ]			
* Nose	Olfactory Epi	Atrophy	Focal, Mild
	Olfactory Epi	Degeneration	Minimal
* Pancreas		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 241

TRT#: 3

DOSE: 188 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 24145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Parathyroid Gland			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]			
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:51  
**First Dose M/F:** NA / NA  
**Lab:** BNW

**ANIMAL ID:** 242      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 320  
**DOSE:** 188 PPM      **DISP:** Moribund Sacrifice      **HISTO:** 24146

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

**MISSING**

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

* Bone Marrow [ Hyperplasia TGLS = 4-10 ]		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney [ Inflammation TGLS = 5,6-5 ]		Inflammation	Suppurative, Marked
* Liver Lymph Node Note: Iliac lymph nodes have no lesions to account for TGL 7.		Hematopoietic Cell Proliferation	Minimal
Penis [ Inflammation TGLS = 1-11 ]		Inflammation	Suppurative, Moderate
* Preputial Gland		Inflammation	Suppurative, Moderate
* Saliv Glands Note: Salivary glands have no lesion to account for TGL 3.			
* Skin [ Inflammation TGLS = 2-7+11 ]	Prepuce	Inflammation	Suppurative, Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Suppurative, Moderate

**PRIMARY CAUSE OF DEATH** - Kidney Inflammation

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 243

TRT#: 3

DOSE: 188 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 24147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Medulla  
\* Epididymis  
\* Heart  
\* Intestine Small, Duodenum  
\* Larynx  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Testes  
\* Urinary Bladder

\* Bone  
\* Esophagus  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lymph Node, Mandibular  
\* Preputial Gland  
\* Skin  
\* Thymus

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mesenteric  
\* Prostate  
\* Stomach, Forestomach  
\* Thyroid Gland

\* Brain  
\* Harderian Gland  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Pancreas  
\* Salivary Glands  
\* Stomach, Glandular  
\* Trachea

MISSING

\* Lymph Node, Bronchial

\* Lymph Node, Mediastinal

\* Mammary Gland

\* Parathyroid Gland

OBSERVATIONS

\* Adrenal Cortex  
\* Kidney  
\* Liver

[ Hepatocellular Carcinoma TGLS = 1-11+12 ]

\* Lung  
\* Nose  
\* Spleen

Respirat Epith

Hypertrophy  
Nephropathy  
Hepatocellular Carcinoma  
Alveolar/Bronchiolar Adenoma  
Degeneration  
Hematopoietic Cell Proliferation

Minimal  
Minimal  
Hyaline, Minimal  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 244

TRT#: 3

SEX: Male

DAY ON TEST: 578

DOSE: 188 PPM

DISP: Natural Death

HISTO: 24148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

Harderian Gland		Adenoma	
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Suppurative, Mild
* Liver		Eosinophilic Focus	
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
* Prostate		Inflammation	Suppurative, Minimal
* Skin	Prepuce	Inflammation	Suppurative, Marked
[ Inflammation TGLS = 1-12 ]			
* Stomach, Glandular		Ulcer	Mild
[ Ulcer TGLS = 5-11 ]			
* Urinary Bladder		Inflammation	Suppurative, Moderate
[ Inflammation TGLS = 3-10 ]		Inflammation	Suppurative, Moderate
[ Inflammation TGLS = 2,3-10 ]			

PRIMARY CAUSE OF DEATH

- Skin Prepuce Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:51  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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<b>ANIMAL ID:</b> 245	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 734
	<b>DOSE:</b> 188 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 24149

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4+11 ]			
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 246

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2-11,1-4 ]		
* Lung	Alveolar Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 247

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 1-11 ]		
	[ Hepatocellular Adenoma TGLS = 2-4 ]		
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
* Pancreas		Basophilic Focus	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 248

TRT#: 3

SEX: Male

DAY ON TEST: 646

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

* Kidney	Nephropathy	Mild
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	Multiple
Note: TGL 4 is liver mass not pancreas.		
[ Eosinophilic Focus TGLS = 3-12 ]		
[ Hepatocellular Carcinoma TGLS = 2,4-11+13 ]		
* Lung	Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 1-3 ]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 249

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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, Bronchial
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 1,2-4+11 ]		
* Lymph Node, Mesenteric	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 250

TRT#: 3

SEX: Male

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24154

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

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

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Forestomach		Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 401

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 2-10 ]		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Preputial Gland [ Cyst TGLS = 1-7 ]		Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 402

TRT#: 5

SEX: Male

DAY ON TEST: 534

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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, Mediastinal	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

* Adrenal Medulla		Pheochromocytoma Complex	
[ Pheochromocytoma Complex TGLS = 1-10 ]			
* Heart		Cardiomyopathy	Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-11 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 403

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	Harderian Gland	* 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, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone		Hyperostosis	Mild
[ Hyperostosis TGLS = 1-10 ]			
* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Mild
* Urin Bladder			

Note: TGL 2 was a gross observation, there are not microscopic lesions.

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 404

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 24008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Medulla  
\* Epididymis  
\* Heart  
\* Intestine Small, Duodenum  
\* Larynx  
\* Pancreas  
\* Salivary Glands  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Esophagus  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mediastinal  
\* Preputial Gland  
\* Skin  
\* Testes

\* Brain  
Harderian Gland  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Prostate  
\* Spleen  
\* Thyroid Gland

MISSING

\* Lymph Node, Bronchial

\* Mammary Gland

\* Parathyroid Gland

\* Thymus

OBSERVATIONS

\* Adrenal Cortex  
\* Kidney  
\* Liver

Note: TGL 3 not found even after recut.

[ Hepatocellular Adenoma TGLS = 2-4 ]

\* Lung

[ Alveolar/Bronchiolar Adenoma TGLS = 1-3 ]

\* Nose

Olfactory Epi  
Respirat Epith

Olfactory Epi

Hypertrophy  
Nephropathy  
Hepatocellular Adenoma

Alveolar/Bronchiolar Adenoma

Degeneration  
Degeneration  
Inflammation  
Metaplasia

Mild  
Minimal

Moderate  
Hyaline, Mild  
Suppurative, Minimal  
Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 405

TRT#: 5

SEX: Male

DAY ON TEST: 693

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

\* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
* Kidney		Inflammation	Suppurative, Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
Note: TGL 5 not found even on recut.			
[ Eosinophilic Focus TGLS = 3,4-4+11 ]			
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal
* Pancreas	Duct	Cyst	Mild
* Prostate		Inflammation	Suppurative, Mild
* Skin	Prepuce	Inflammation	Suppurative, Marked
[ Inflammation TGLS = 1-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:51  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 405

**TRT#:** 5  
**DOSE:** 375 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 693  
**HISTO:** 24009

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Urinary Bladder

Inflammation

Suppurative, Marked

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PRIMARY CAUSE OF DEATH

- Urinary Bladder Inflammation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 406

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 24010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla         | * Bone Marrow               | * Brain                  | * Epididymis               |
| * Esophagus               | * Gallbladder               | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Larynx                    | * Lung                   | * Lymph Node, Mandibular   |
| * Lymph Node, Mediastinal | * Pancreas                  | * Parathyroid Gland      | * Pituitary Gland          |
| * Preputial Gland         | * Prostate                  | * Salivary Glands        | * Seminal Vesicle          |
| * Stomach, Forestomach    | * Stomach, Glandular        | * Testes                 | * Thyroid Gland            |
| * Trachea                 | * Urinary Bladder           |                          |                            |

MISSING

- |                         |                 |
|-------------------------|-----------------|
| * Lymph Node, Bronchial | * Mammary Gland |
|-------------------------|-----------------|

INSUFFICIENT TISSUE

- \* Thymus

OBSERVATIONS

- |                                     |         |                  |          |
|-------------------------------------|---------|------------------|----------|
| * Adrenal Cortex                    | Capsule | Adenoma          |          |
| * Bone                              |         | Hyperostosis     | Mild     |
| [ Hyperostosis TGLS = 3-10 ]        |         |                  |          |
| Eye                                 |         | Inflammation     | Mild     |
| [ Inflammation TGLS = 1-11 ]        |         |                  |          |
| Harderian Gland                     |         | Adenoma          |          |
| [ Adenoma TGLS = 2-11 ]             |         |                  |          |
| * Heart                             |         | Cardiomyopathy   | Minimal  |
| * Kidney                            |         | Nephropathy      | Minimal  |
| * Liver                             |         | Clear Cell Focus |          |
| [ Clear Cell Focus TGLS = 8-13 ]    |         | Hemangiosarcoma  |          |
| [ Hemangiosarcoma TGLS = 6,7-4+14 ] |         |                  |          |
| * Lymph Node, Mesenteric            |         | Congestion       | Minimal  |
| [ Congestion TGLS = 10-6 ]          |         |                  |          |
| Mesentery                           | Fat     | Necrosis         | Moderate |
| [ Necrosis TGLS = 4-15 ]            |         |                  |          |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane

**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 07:15:51

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

**Lab:** BNW

**ANIMAL ID:** 406

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 375 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 24010

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Skin	Subcut Tiss	Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 9-16 ]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
[ Hemangiosarcoma TGLS = 5-12 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 407

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 24011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 2-10 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 408

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 733

HISTO: 24012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	Harderian Gland	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mediastinal	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Rectum	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	

INSUFFICIENT TISSUE

\* Thymus

OBSERVATIONS

\* Gallbladder

Note: Gall bladder had no changes to account for TGL 5.

\* Heart

Cardiomyopathy	Minimal
Mineralization	Mild
Hemorrhage	Moderate
Mineralization	Mild
Nephropathy	Mild
Hepatocellular Adenoma	
Histiocytic Sarcoma	
Necrosis	Marked

\* Intestine Large, Cecum

\* Kidney

Renal Tubule

\* Liver

[ Histiocytic Sarcoma TGLS = 3,4-4+12 ]

\* Lung

Hemorrhage	Minimal
Histiocytic Sarcoma	

[ Hemorrhage TGLS = 6-3 ]

\* Lym Node Media

Note: There were no changes in the mediastinal lymph nodes to account for TGL 1.

Mesentery

Fat

Histiocytic Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane

**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 07:15:51

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

**Lab:** BNW

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**ANIMAL ID:** 408

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 375 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 24012

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: The histiocytic sarcoma invaded the serosa of many abdominal organs. These were not considered significant to diagnose.

[ Histiocytic Sarcoma TGLS = 2-11 ]

* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Pancreas		Histiocytic Sarcoma	
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

---

**PRIMARY CAUSE OF DEATH** - Mesentery Fat Histiocytic Sarcoma

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 409

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Moderate
Harderian Gland		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 410

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
	Capsule	Hyperplasia	Moderate
Note: Adrenal cortex has a cyst (not degeneration). Cyst was not available for a diagnosis.			
Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 411

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Prostate
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
[ Hyperplasia TGLS = 2-6 ]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 1-4 ]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 412

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland
-------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
Tooth		Developmental Malformation	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 413

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 24017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Inflammation	Chronic, Mild
[ Inflammation TGLS = 4-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 3-3 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Preputial Gland	Bilateral	Cyst	Moderate
[ Cyst TGLS = 1,2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 414

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 2-4 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 415

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 2-10 ]		Adenoma	
* Heart	Endothelium	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Mild
* Preputial Gland [ Cyst TGLS = 1-7 ]		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 416

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 24020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

Harderian Gland		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 1-11 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 2-12 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Spleen		Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:51

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 417

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                          |                           |                          |
|----------------------------|--------------------------|---------------------------|--------------------------|
| * Adrenal Medulla          | * Bone                   | * Bone Marrow             | * Brain                  |
| * Epididymis               | * Esophagus              | * Gallbladder             | * Heart                  |
| * Intestine Large, Cecum   | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic     | * Larynx                  | * Lung                   |
| * Lymph Node, Bronchial    | * Lymph Node, Mandibular | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric |
| * Pancreas                 | * Pituitary Gland        | * Prostate                | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                   | * Spleen                  | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                 | * Thyroid Gland           | * Trachea                |
| * Urinary Bladder          |                          |                           |                          |

MISSING

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

AUTO PRECLUDES DIAG.

- \* Intestine Small, Duodenum

OBSERVATIONS

- |                   |                |                    |               |
|-------------------|----------------|--------------------|---------------|
| * Adrenal Cortex  |                | Hypertrophy        | Minimal       |
| Harderian Gland   |                | Hyperplasia        | Mild          |
| * Kidney          |                | Nephropathy        | Minimal       |
| * Liver           |                | Eosinophilic Focus |               |
| * Nose            | Olfactory Epi  | Degeneration       | Moderate      |
|                   | Respirat Epith | Degeneration       | Hyaline, Mild |
|                   | Olfactory Epi  | Metaplasia         | Mild          |
| * Preputial Gland |                | Inflammation       | Chronic, Mild |
| * Testes          | Interstit Cell | Adenoma            |               |

[ Adenoma TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 418

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* 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, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 419

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 541

HISTO: 24023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Harderian Gland	* Heart
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	

MISSING

* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Seminal Vesicle			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Pancreas	* Prostate
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex [ Hemorrhage TGLS = 3-2 ]		Hemorrhage	Mild
* Liver [ Hepatocellular Carcinoma TGLS = 2-4+10 ]		Hepatocellular Carcinoma	
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal
* Urin Bladder			

Note: Autolysis precludes correlation of TGL 1 with potential bladder lesions.

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 420

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 24024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
	Endothelium	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
		[ Hemangiosarcoma TGLS = 1,3-4+11 ]	
		[ Hepatocellular Adenoma TGLS = 2-4 ]	
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 421

TRT#: 5

SEX: Male

DAY ON TEST: 705

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Inflammation	Suppurative, Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-11 ]			
* Kidney	Cortex	Cyst	Mild
	Renal Tubule	Mineralization	Mild
		Nephropathy	Mild
[ Cyst TGLS = 5-13 ]			
[ Nephropathy TGLS = 4-5 ]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[ Eosinophilic Focus TGLS = 3-12 ]			
[ Hepatocellular Adenoma TGLS = 7-4 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
Penis		Inflammation	Suppurative, Marked
[ Inflammation TGLS = 2-14 ]			
* Skin	Prepuce	Inflammation	Suppurative, Marked

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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<b>ANIMAL ID:</b> 421	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 705
	<b>DOSE:</b> 375 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 24025

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen	Hematopoietic Cell Proliferation	Mild
* Testes	Inflammation	Suppurative, Minimal

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**PRIMARY CAUSE OF DEATH** - Penis Inflammation

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 422

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
Harderian Gland		Adenoma	
		Hyperplasia	Mild
[ Adenoma TGLS = 1-10 ]			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 3-12 ]			
[ Hepatocellular Carcinoma TGLS = 3-4 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Spleen		Angiectasis	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane

**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 07:15:52

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

**Lab:** BNW

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**ANIMAL ID:** 422

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 375 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 24026

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 423

TRT#: 5

SEX: Male

DAY ON TEST: 498

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Thymus		

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-4+10 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Pigmentation	Hemosiderin, Minimal
Note: pigment is focal within alveolar macrophages			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 424

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex Harderian Gland [ Adenoma TGLS = 1-10 ]	Capsule	Hyperplasia Adenoma	Marked
* Heart * Islets, Pancreatic * Liver [ Hepatocellular Adenoma TGLS = 2-4 ]		Cardiomyopathy Hyperplasia Eosinophilic Focus Hepatocellular Adenoma	Minimal Mild
* Lung [ Alveolar/Bronchiolar Adenoma TGLS = 3,4-11+12 ]		Alveolar/Bronchiolar Adenoma Infiltration Cellular	Multiple Histiocyte, Mild
* Nose	Olfactory Epi Respirat Epith  Olfactory Epi	Degeneration Degeneration Inflammation Metaplasia Atrophy	Moderate Hyaline, Mild Suppurative, Minimal Mild Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 425

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* 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, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 426

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 24030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Hyperplasia	Minimal
Harderian Gland		Carcinoma	
		Hyperplasia	Mild
[ Carcinoma TGLS = 1-12 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-11 ]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 427

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

* Adrenal Cortex		Hypertrophy	Moderate
Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
Note: No lesions were seen in the kidney that could account for TGL 4.			
* Liver	Bile Duct	Cyst	Mild
[ Cyst TGLS = 3-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
* Skin	Olfactory Epi	Metaplasia	Mild
	Prepuce	Inflammation	Suppurative, Marked
[ Inflammation TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 428

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 707

HISTO: 24032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum
--------------------------

OBSERVATIONS

* Brain		Lymphoma Malignant	
Eye		Inflammation	Mild
[ Inflammation TGLS = 1-10 ]			
Harderian Gland		Adenoma	Multiple
[ Adenoma TGLS = 2-10 ]		Lymphoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Adenoma	
[ Adenoma TGLS = 5-5 ]		Nephropathy	Mild
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3,4-4+11 ]			
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Lymphoma Malignant	
	Olfactory Epi	Metaplasia	Mild
* Pancreas		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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<b>ANIMAL ID:</b> 428	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 707
	<b>DOSE:</b> 375 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 24032

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pituitary Gland [ Lymphoma Malignant TGLS = 6-8 ]	Lymphoma Malignant	
* Preputial Gland	Inflammation	Chronic, Mild

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PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 429

TRT#: 5

SEX: Male

DAY ON TEST: 581

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Gallbladder	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	
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INSUFFICIENT TISSUE

\* Esophagus

OBSERVATIONS

Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Mild
* Kidney		Amyloid Deposition	Marked
		Hydronephrosis	Minimal
	[ Amyloid Deposition TGLS = 2-5 ]		
	[ Hydronephrosis TGLS = 4-5 ]		
* Lung			
	Note: TGL 1 is due to lung congestion and is not considered a significant lesion to diagnose.		
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 3-11 ]		
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal
* Stom Forestom			
	Note: TGL 5 was not found on recut.		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 429

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 581

**DOSE:** 375 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 24033

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Kidney Amyloid Deposition

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 430

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Bone                    | * Bone Marrow               |
| * Brain                  | * Epididymis               | * Esophagus               | * Gallbladder               |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Larynx                    |
| * Lung                   | * Lymph Node, Bronchial    | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric    |
| * Pancreas               | * Pituitary Gland          | * Prostate                | * Salivary Glands           |
| * Seminal Vesicle        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Testes                   | * Thymus                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          |                           |                             |

MISSING

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

OBSERVATIONS

- |                             |                |                    |                 |
|-----------------------------|----------------|--------------------|-----------------|
| Harderian Gland             |                | Adenoma            |                 |
| * Heart                     |                | Cardiomyopathy     | Minimal         |
| * Kidney                    |                | Nephropathy        | Minimal         |
| * Liver                     |                | Eosinophilic Focus |                 |
| * Nose                      | Olfactory Epi  | Degeneration       | Mild            |
|                             | Respirat Epith | Degeneration       | Hyaline, Mild   |
|                             | Olfactory Epi  | Metaplasia         | Minimal         |
| * Preputial Gland           |                | Inflammation       | Chronic, Marked |
| [ Inflammation TGLS = 1-7 ] |                |                    |                 |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 431

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 592

HISTO: 24035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

Harderian Gland [ Carcinoma TGLS = 2-11 ]		Carcinoma	
* Liver [ Hepatocellular Adenoma TGLS = 3-10 ]		Hepatocellular Adenoma	
* Lym Node Bron Note: Bronchial lymph node had no changes to account for TGL 1.			
* Nose	Olfactory Epi Respirat Epith Nasolacrim Dct Olfactory Epi	Degeneration Degeneration Inflammation Metaplasia	Moderate Hyaline, Mild Suppurative, Mild Mild
* Seminal Vesicle		Hyperplasia	Marked
* Trachea		Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 432

TRT#: 5

SEX: Male

DAY ON TEST: 735

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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INSUFFICIENT TISSUE

\* Skin

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Testes			
Note: recut was not productive in finding TGL 3			
* Urin Bladder			
Note: Distended urinary bladder not considered significant to diagnose (TGL 2).			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 433

TRT#: 5

SEX: Male

DAY ON TEST: 436

DOSE: 375 PPM

DISP: Natural Death

HISTO: 24037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Lymph Node, Mediastinal	* Mammary Gland
---------------	---------------------------	-----------------

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Glandular		

OBSERVATIONS

Harderian Gland		Carcinoma	
* Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Mild
[ Hepatocellular Adenoma TGLS = 1,2-10+11+12 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 434

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 563

HISTO: 24038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Skin
* Spleen	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
	[ Hepatocellular Carcinoma TGLS = 3-10 ]		
	[ Histiocytic Sarcoma TGLS = 3-4+10 ]		
* Lung	Mediastinum	Histiocytic Sarcoma	
	Note: TGL 2 is due to congestion and not considered significant.		
	[ Histiocytic Sarcoma TGLS = 1-3+13 ]		
* Lymph Node, Bronchial		Histiocytic Sarcoma	
* Lymph Node, Mediastinal		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 8-2 ]		
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 6-6 ]		
Mesentery	Fat	Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 4,7-11+12 ]		
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Pancreas		Histiocytic Sarcoma	
* Prostate		Histiocytic Sarcoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane

**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 07:15:52

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

**Lab:** BNW

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**ANIMAL ID:** 434

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 563

**DOSE:** 375 PPM

**DISP:** Natural Death

**HISTO:** 24038

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Seminal Vesicle

Histiocytic Sarcoma

\* Stomach, Forestomach

Histiocytic Sarcoma

\* Stomach, Glandular

Histiocytic Sarcoma

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**PRIMARY CAUSE OF DEATH**

- Liver Histiocytic Sarcoma

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 435

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 24039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Bilateral, Capsule	Adenoma	
* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 3-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Skin	Prepuce	Inflammation	Suppurative, Marked
[ Inflammation TGLS = 1-7+12 ]			
* Urinary Bladder		Inflammation	Chronic, Minimal
[ Inflammation TGLS = 2-13 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 436

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24040

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Harderian Gland	* 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, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

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

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 437

TRT#: 5

SEX: Male

DAY ON TEST: 331

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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, Bronchial	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

* Bone			
Note: There were no microscopic correlates to TGL 3.			
* Heart		Cardiomyopathy	Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Skin	Prepuce	Inflammation	Suppurative, Marked
		Inflammation	Suppurative, Mild
Note: tgl 2 is in preputial skin not the penis.			
	[ Inflammation TGLS = 1-12 ]		
	[ Inflammation TGLS = 2-11 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Skin Prepuce Inflammation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 438

TRT#: 5

SEX: Male

DAY ON TEST: 576

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	Penis	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Mild
* Kidney	Hydronephrosis	Mild
* Liver	Hepatocellular Carcinoma	Multiple
	Inflammation	Chronic, Mild
	Necrosis	Marked

Note: Slides 10 and 14 have infarcted liver lobes (necrosis NOS). Slide 10 has focal area of chronic inflammation.

[ Hepatocellular Carcinoma TGLS = 2,3,4-10+11+12+14 ]

[ Necrosis TGLS = 2-10+14 ]

* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Chronic, Marked
* Nose	Olfactory Epi	Mild
	Respirat Epith	Hyaline, Mild

Penis

Note: There were no lesions on the penis to account for TGL 1.

* Spleen	Hematopoietic Cell Proliferation	Mild
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[ Hematopoietic Cell Proliferation TGLS = 5-4 ]

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 439

TRT#: 5

SEX: Male

DAY ON TEST: 581

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Mild
* Liver	Hepatocellular Carcinoma	Multiple
Note: TGL 2 is due to congestion and not considered important to diagnose. [ Hepatocellular Carcinoma TGLS = 3,4-10+11 ]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
Note: TGL 1 is due to congestion and not considered significant to diagnosis. [ Hepatocellular Carcinoma TGLS = 6-3 ]		
* Lymph Node, Bronchial	Hyperplasia	Mild
* Nose	Olfactory Epi Respirat Epith	Mild
* Spleen	Hematopoietic Cell Proliferation	Hyaline, Minimal
[ Hematopoietic Cell Proliferation TGLS = 5-4 ]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 440

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 24044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

\* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-12 ]			
* Kidney		Inflammation	Suppurative, Minimal
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-11 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Skin	Prepuce	Inflammation	Suppurative, Marked
[ Inflammation TGLS = 3-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Suppurative, Moderate

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 440

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 737

**DOSE:** 375 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 24044

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Inflammation TGLS = 4-8 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 441

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Mild
	Artery	Thrombosis	Mild
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 442

TRT#: 5

SEX: Male

DAY ON TEST: 377

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 4-10 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: TGL 3 is due to congestion and not considered significant.			
Note: TGL 2 is due to hemorrhage around a metastatic lesion.			
[ Hepatocellular Carcinoma TGLS = 2-3 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Preputial GI			
Note: There were no lesions in the preputial gland that account for TGL 1.			
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 5-4 ]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 443

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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INSUFFICIENT TISSUE

\* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 1-10 ]			
* Kidney		Metaplasia	Osseous, Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-4+11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Parathyroid Gland		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 444

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
Eye		Inflammation	Moderate
[ Inflammation TGLS = 1-10 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-10 ]			
* Kidney		Nephropathy	Minimal
* Lung		Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild
* Preputial Gland		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 445

TRT#: 5

SEX: Male

DAY ON TEST: 726

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland
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INSUFFICIENT TISSUE

* Gallbladder
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver			
Note: TGL 3 not seen even after recut.			
* Lung	Alveolar Epith	Hyperplasia	Moderate
	[ Hyperplasia TGLS = 4-4 ]		
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Skin		Inflammation	Suppurative, Marked
	[ Inflammation TGLS = 1-11 ]		
* Urin Bladder			
Note: Distended urinary bladder not considered significant to diagnose (TGL 2).			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 446

TRT#: 5

SEX: Male

DAY ON TEST: 520

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Mild
		Hyperplasia	Mild
Harderian Gland		Adenoma	
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-10 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal
* Skin	Prepuce	Inflammation	Suppurative, Marked
Note: TGL 1 is in prepuce not penis.			
[ Inflammation TGLS = 1-7+11 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Skin Prepuce Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

**ANIMAL ID:** 447

**TRT#:** 5  
**DOSE:** 375 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 645  
**HISTO:** 24051

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Pancreas	* Parathyroid Gland
Penis	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Prostate	* Thymus		

**OBSERVATIONS**

Harderian Gland [ Adenoma TGLS = 1-10 ]		Adenoma	
* Liver [ Hepatocellular Carcinoma TGLS = 4-12 ]		Hepatocellular Carcinoma	
* Lung		Thrombosis	Minimal
Lymph Node [ Hyperplasia TGLS = 5-11 ]	Renal	Hyperplasia	Minimal
* Lymph Node, Mesenteric [ Hyperplasia TGLS = 6-6 ]		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal
* Preputial GI Note: No preputial gland lesions were seen to correlate with TGL 3.			
* Skin Note: TGL 2 is prepuce not penis. [ Inflammation TGLS = 2-13 ]	Prepuce	Inflammation	Suppurative, Marked

**PRIMARY CAUSE OF DEATH** - Skin Prepuce Inflammation

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 447

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 645

**DOSE:** 375 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 24051

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 448

TRT#: 5

SEX: Male

DAY ON TEST: 655

DOSE: 375 PPM

DISP: Natural Death

HISTO: 24052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Colon	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	

[ Hepatocellular Carcinoma TGLS = 3-4+11 ]

\* Lung  
Note: TGL 2 is due to hypostatic congestion and considered insignificant.

* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 449

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Hydronephrosis	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-11 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Pituitary Gland	Pars Intermed	Adenoma	
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 450

TRT#: 5

DOSE: 375 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 679

HISTO: 24054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Brain	Carcinoma	Metastatic (Harderian Gland)
Harderian Gland	Carcinoma	
[ Carcinoma TGLS = 1-11 ]		
* Lung	Carcinoma	Metastatic (Harderian Gland)
[ Carcinoma TGLS = 2-3 ]		
* Nose	Carcinoma	Metastatic (Harderian Gland)
Olfactory Epi	Degeneration	Mild
Respirat Epith	Degeneration	Hyaline, Mild
Nasolacrim Dct	Inflammation	Suppurative, Mild
Olfactory Epi	Metaplasia	Minimal

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 601

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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INSUFFICIENT TISSUE

* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 602

TRT#: 7

DOSE: 750 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 679

HISTO: 23906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
Harderian Gland	Carcinoma	Multiple
[ Carcinoma TGLS = 2,3-10+11 ]		
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 4,5-4 ]		
* Lung	Carcinoma	Metastatic (Harderian Gland)
[ Carcinoma TGLS = 1-3 ]		
* Nose	Carcinoma	Metastatic (Harderian Gland)
Olfactory Epi	Degeneration	Moderate
Respirat Epith	Degeneration	Hyaline, Moderate
Nasolacrim Dct	Inflammation	Suppurative, Mild
Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 603

TRT#: 7

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 23907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

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

\* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
Harderian Gland		Adenoma	Multiple
[ Adenoma TGLS = 1-10 ]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2-11+4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 604

TRT#: 7

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 23908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
Eye		Inflammation	Marked
Harderian Gland		Adenoma	
		Hyperplasia	Moderate
[ Adenoma TGLS = 1-10 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[ Eosinophilic Focus TGLS = 5-11 ]			
[ Hepatocellular Adenoma TGLS = 2,3,4-4+11+12 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 605

TRT#: 7

SEX: Male

DAY ON TEST: 649

DOSE: 750 PPM

DISP: Natural Death

HISTO: 23909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	Harderian Gland	* Heart	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

\* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-4 ]			
* Lung		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]			
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-6 ]			
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-4 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 605

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 649

**DOSE:** 750 PPM

**DISP:** Natural Death

**HISTO:** 23909

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 606

TRT#: 7

DOSE: 750 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 679

HISTO: 23910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

Eye

Note: Eye has no correlate to TGL 4.

Harderian Gland

[ Adenoma TGLS = 3-10 ]

\* Kidney

\* Larynx

\* Liver

[ Hepatocellular Adenoma TGLS = 5,6-4+11 ]

\* Lymph Node, Mandibular

[ Hyperplasia TGLS = 2-7 ]

\* Nose

Olfactory Epi

Respirat Epith

Nasolacrim Dct

Olfactory Epi

\* Preputial Gland

[ Cyst TGLS = 1-7 ]

Adenoma

Nephropathy

Inflammation

Hepatocellular Adenoma

Hyperplasia

Degeneration

Degeneration

Inflammation

Metaplasia

Cyst

Inflammation

Minimal

Suppurative, Mild

Multiple

Marked

Moderate

Hyaline, Mild

Suppurative, Mild

Minimal

Marked

Chronic, Mild

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 606

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 679

**DOSE:** 750 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 23910

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 607

TRT#: 7

SEX: Male

DAY ON TEST: 632

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Lymph Node, Mandibular
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Adenoma	
* Islets, Pancreatic		Adenoma	
Note: TGL 2 was an islet cell tumor rather than an enlarged lymphnode.			
[ Adenoma TGLS = 2-12 ]			
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Preputial GI			
Note: No reason observed for TGL 1.			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 608

TRT#: 7

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 23912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

Harderian Gland		Hyperplasia	Marked
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-11+12 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 609

TRT#: 7

SEX: Male

DAY ON TEST: 659

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Larynx	* Mammary Gland	* Parathyroid Gland	* Thyroid Gland
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OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 1-10 ]		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver [ Hepatocellular Carcinoma TGLS = 2-11 ]		Hepatocellular Carcinoma	
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 610

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex Harderian Gland	Capsule	Hyperplasia Adenoma	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver [ Hepatocellular Carcinoma TGLS = 3-4 ]		Hepatocellular Carcinoma	
* Lung [ Alveolar/Bronchiolar Carcinoma TGLS = 1,2-3 ]		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Multiple Histiocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 611

TRT#: 7

SEX: Male

DAY ON TEST: 737

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

\* Gallbladder

OBSERVATIONS

Eye		Inflammation	Mild
[ Inflammation TGLS = 1-10 ]			
Harderian Gland		Adenoma	Multiple
[ Adenoma TGLS = 2-10 ]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[ Eosinophilic Focus TGLS = 6,7-11+12 ]			
[ Hepatocellular Carcinoma TGLS = 3-13 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 4-3 ]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 5-14 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 611

**TRT#:** 7  
**DOSE:** 750 PPM

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

**DAY ON TEST:** 737  
**HISTO:** 23915

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Olfactory Epi

Metaplasia

Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 612

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma Hyperplasia Carcinoma	Mild
Harderian Gland [ Carcinoma TGLS = 2-10 ]			
* Kidney		Nephropathy	Minimal
* Lung [ Alveolar/Bronchiolar Adenoma TGLS = 3-3 ]		Alveolar/Bronchiolar Adenoma	
* Lym Node Mand Note: No lesions were seen in the mandibular lymph node that would account for TGL 1.			
* Lymph Node, Mesenteric [ Hyperplasia TGLS = 5-6 ]		Hyperplasia	Mild
* Nose	Olfactory Epi Respirat Epith Nasolacrim Dct	Degeneration Degeneration Inflammation Inflammation	Moderate Hyaline, Mild Suppurative, Minimal Suppurative, Minimal
	Olfactory Epi	Metaplasia	Moderate
* Sem Ves Note: The seminal vesicle had no lesions to account for TGL 4.			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 612

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 750 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 23916

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 613

TRT#: 7

SEX: Male

DAY ON TEST: 737

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Granuloma Sperm	Mild
Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
		Necrosis	Marked
[ Eosinophilic Focus TGLS = 2-4 ]			
[ Hepatocellular Adenoma TGLS = 2-4,1-11 ]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 614

TRT#: 7

SEX: Male

DAY ON TEST: 406

DOSE: 750 PPM

DISP: Natural Death

HISTO: 23918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Esophagus	* Heart
* Lung	* Lymph Node, Mediastinal	* Parathyroid Gland	* Skin
* Testes	* Thymus		

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Lymph Node, Bronchial	* Mammary Gland
* Prostate			

AUTO PRECLUDES DIAG.

* Brain	* Epididymis	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver	Hepatocellular Carcinoma
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Note: TGL 2 is liver and not mesenteric mass.  
 [ Hepatocellular Carcinoma TGLS = 2-10 ]

* Lung	Note: TGL 1 is due to hypostatic congestion and not considered a significant finding.
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* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal

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

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 615

TRT#: 7

DOSE: 750 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 671

HISTO: 23919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Medulla  
\* Epididymis  
\* Islets, Pancreatic  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone  
\* Esophagus  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Preputial Gland  
\* Skin  
\* Testes

\* Bone Marrow  
Harderian Gland  
\* Larynx  
\* Pancreas  
\* Prostate  
\* Spleen  
\* Thyroid Gland

\* Brain  
\* Intestine Large, Colon  
\* Lung  
\* Parathyroid Gland  
\* Salivary Glands  
\* Stomach, Forestomach  
\* Trachea

MISSING

\* Lymph Node, Bronchial

\* Lymph Node, Mediastinal

\* Mammary Gland

\* Thymus

AUTO PRECLUDES DIAG.

\* Gallbladder  
\* Intestine Small, Jejunum

\* Intestine Large, Cecum

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

INSUFFICIENT TISSUE

\* Intestine Large, Rectum

OBSERVATIONS

\* Adrenal Cortex  
Harderian GI

Hypertrophy

Minimal

Note: A reason for TGL 1 could not be seen in the Harderian gland.

\* Heart  
\* Liver

Cardiomyopathy  
Hepatocellular Carcinoma

Minimal

[ Hepatocellular Carcinoma TGLS = 2-11 ]

\* Lung

Note: TGL 3 was not observed at trim.

\* Nose

Olfactory Epi  
Respirat Epith  
Olfactory Epi

Degeneration  
Degeneration  
Metaplasia

Moderate  
Hyaline, Mild  
Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 616

TRT#: 7

SEX: Male

DAY ON TEST: 609

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

Harderian Gland		Adenoma	Multiple
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Carcinoma TGLS = 3,4,5,6,7,8-4+11+12+13+14+15 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 1-4 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 617

TRT#: 7

SEX: Male

DAY ON TEST: 737

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Mild
* Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 618

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign Carcinoma	Marked
Harderian Gland [ Carcinoma TGLS = 1-10 ]			
* Heart		Cardiomyopathy	Minimal
* Liver		Clear Cell Focus Hepatocellular Adenoma	
[ Clear Cell Focus TGLS = 2-11 ] [ Hepatocellular Adenoma TGLS = 3-12 ]			
* Lung		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Marked
[ Alveolar/Bronchiolar Carcinoma TGLS = 4-3 ]			
* Nose	Olfactory Epi Respirat Epith Nasolacrim Dct Olfactory Epi	Degeneration Degeneration Inflammation Metaplasia	Moderate Hyaline, Mild Suppurative, Mild Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 619

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 620

TRT#: 7

SEX: Male

DAY ON TEST: 699

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

Eye		Inflammation	Moderate
[ Inflammation TGLS = 3-10 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 4-10 ]			
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Note: No reason for TGL 5 was observed.			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild
* Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 621

TRT#: 7

SEX: Male

DAY ON TEST: 699

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 2-10 ]		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular [ Hyperplasia TGLS = 1-7 ]		Hyperplasia	Moderate
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Moderate
* Pancreas		Angiectasis	Minimal

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 622

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Angiectasis	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lymph Node, Mandibular		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 623

TRT#: 7

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 23927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 624

TRT#: 7

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 23928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 2-11 ]			
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Moderate
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 625

TRT#: 7

SEX: Male

DAY ON TEST: 737

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
Note: Recut of slide 4 could not find TGL 2. [ Clear Cell Focus TGLS = 3-4 ]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 4-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Spleen		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 1-4 ]			
* Testes		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 626

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-10 ]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4+11 ]			
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Moderate
* Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 627

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 1-4 ]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 628

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		[ Clear Cell Focus TGLS = 1,3-4+11 ]	
		[ Eosinophilic Focus TGLS = 4-13 ]	
		[ Hepatocellular Adenoma TGLS = 2-12 ]	
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 629

TRT#: 7

SEX: Male

DAY ON TEST: 393

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Preputial Gland
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INSUFFICIENT TISSUE

* Lymph Node, Mandibular
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Suppurative, Moderate
Note: pyelonephritis with bacterial colonies [ Inflammation TGLS = 2-5 ]			
* Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Mild Hyaline, Mild
* Prostate		Inflammation	Suppurative, Moderate
* Skin	Prepuce	Inflammation	Suppurative, Marked
Note: TGL 3 is not in preputial gland but rather a dilated preputial sheath filled with seminal plug. [ Inflammation TGLS = 1,3-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Minimal Suppurative, Minimal
* Thymus		Necrosis	Minimal
* Urinary Bladder		Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH

- Kidney Inflammation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 630

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]			
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-3 ]			
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 631

TRT#: 7

DOSE: 750 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 704

HISTO: 23935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Skin
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Prostate			

INSUFFICIENT TISSUE

\* Pituitary Gland

OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 2-10 ]		Adenoma	
* Lung [ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]		Alveolar/Bronchiolar Carcinoma	
* Lymph Node, Mandibular		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 632

TRT#: 7

SEX: Male

DAY ON TEST: 595

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Mammary Gland

OBSERVATIONS

Harderian Gland [ Carcinoma TGLS = 2-9 ]		Carcinoma	
* Kidney		Nephropathy	Mild
* Liver [ Eosinophilic Focus TGLS = 5,6-10+11 ]		Eosinophilic Focus	
* Lung [ Alveolar/Bronchiolar Carcinoma TGLS = 3-3 ] [ Infiltration Cellular TGLS = 4-3 ]		Alveolar/Bronchiolar Carcinoma Carcinoma Infiltration Cellular	Metastatic (Harderian Gland) Histiocyte, Moderate
* Lym Node Mand Note: The mandibular lymph node had no changes that would result in TGL 1.			
* Nose	Olfactory Epi Respirat Epith Olfactory Epi	Degeneration Degeneration Metaplasia	Moderate Hyaline, Mild Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 633

TRT#: 7

DOSE: 750 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 726

HISTO: 23937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 3-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Preputial Gland		Inflammation	Chronic, Marked
[ Inflammation TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 635

TRT#: 7

SEX: Male

DAY ON TEST: 737

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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INSUFFICIENT TISSUE

* Gallbladder	* Skin
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
[ Clear Cell Focus TGLS = 3-12 ]		
[ Hepatocellular Adenoma TGLS = 2-13 ]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar/Bronchiolar Carcinoma	
	Infiltration Cellular	Histiocyte, Mild
[ Alveolar/Bronchiolar Adenoma TGLS = 5-11 ]		
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]		
* Nose	Olfactory Epi	Degeneration
	Respirat Epith	Degeneration
	Olfactory Epi	Metaplasia

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 636

TRT#: 7

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 23940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus	
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
Harderian Gland		Adenoma	Multiple
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[ Clear Cell Focus TGLS = 1-4 ]			
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 637

TRT#: 7

SEX: Male

DAY ON TEST: 596

DOSE: 750 PPM

DISP: Natural Death

HISTO: 23941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Duodenum	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum	* Seminal Vesicle
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INSUFFICIENT TISSUE

* Prostate
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OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 1-11 ]		Adenoma	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-3 ]			
[ Infiltration Cellular TGLS = 3-3 ]			
Lymph Node [ Hyperplasia TGLS = 5-12 ]	Iliac	Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 638

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Medulla  
\* Epididymis  
\* Heart  
\* Intestine Small, Duodenum  
\* Larynx  
\* Lymph Node, Mesenteric  
\* Preputial Gland  
\* Skin  
\* Testes  
\* Urinary Bladder

\* Bone  
\* Esophagus  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Pancreas  
\* Prostate  
\* Spleen  
\* Thymus

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Bronchial  
\* Parathyroid Gland  
\* Salivary Glands  
\* Stomach, Forestomach  
\* Thyroid Gland

\* Brain  
Harderian Gland  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mediastinal  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Stomach, Glandular  
\* Trachea

MISSING

\* Lymph Node, Mandibular

\* Mammary Gland

OBSERVATIONS

\* Adrenal Cortex  
\* Kidney

Adenoma  
Nephropathy

Minimal

Note: No kidney lesions were present that would account for TGL 1 or 3.

\* Liver

Eosinophilic Focus

[ Eosinophilic Focus TGLS = 2-4 ]

\* Nose

Olfactory Epi  
Respirat Epith  
Olfactory Epi

Degeneration  
Degeneration  
Metaplasia

Moderate  
Hyaline, Mild  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 639

TRT#: 7

SEX: Male

DAY ON TEST: 737

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-11 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]		
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 640

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 1-10 ]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[ Eosinophilic Focus TGLS = 2-11 ]			
[ Hepatocellular Adenoma TGLS = 3-4 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 641

TRT#: 7

SEX: Male

DAY ON TEST: 497

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Adrenal Medulla	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
* Parathyroid Gland	* Thymus		

OBSERVATIONS

Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Inflammation	Suppurative, Marked
	Pelvis	Necrosis	Marked
[ Inflammation TGLS = 6-5 ]			
* Liver		Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 3,4-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Mediastinum	Inflammation	Chronic, Minimal
Note: TGL 1 appears to be mediastinal inflammation , hemorrhage and thrombosis of unknown origin.			
[ Alveolar/Bronchiolar Adenoma TGLS = 7-3 ]			
[ Inflammation TGLS = 1-3 ]			
Lymph Node			
Note: For renal lymph node comment see ureter.			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Preputial GI			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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<b>ANIMAL ID:</b> 641	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 497
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 23945

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: For TGL 2 comment see skin.

* Prostate		Inflammation	Suppurative, Mild
* Skin	Prepuce	Inflammation	Suppurative, Marked
Note: TGL 2 is in skin and the preputial glands have no significant lesions.			
* Spleen		Hematopoietic Cell Proliferation	Mild
Ureter		Inflammation	Suppurative, Marked
		Necrosis	Marked
Note: Renal lymph node was not found. Recut of wet tissue on slide 10 is possible severely inflamed ureter. There is an unidentified lymph node on slide 2.			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Suppurative, Marked

Note: urinary bladder lesion is chronic

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

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 642

TRT#: 7

DOSE: 750 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 551

HISTO: 23946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Mammary Gland

OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 1-10 ]		Adenoma	
* Kidney		Nephropathy	Mild
* Liver [ Hepatocellular Carcinoma TGLS = 3-11+12 ]		Hepatocellular Carcinoma	
* Lung [ Hepatocellular Carcinoma TGLS = 4-3 ]		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi Respirat Epith Olfactory Epi	Degeneration Degeneration Metaplasia	Moderate Hyaline, Mild Mild
* Preputial GI Note: No significant lesions in preputial gland to account for TGL 2.			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 643

TRT#: 7

SEX: Male

DAY ON TEST: 586

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Minimal
[ Hepatocellular Carcinoma TGLS = 4,5-10+11 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal
Penis		Inflammation	Suppurative, Minimal
* Skin	Prepuce	Inflammation	Suppurative, Marked
[ Inflammation TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 644

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 645

TRT#: 7

SEX: Male

DAY ON TEST: 737

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Bone                     | * Bone Marrow             | * Brain                     | * Epididymis             |
| * Esophagus                | * Gallbladder             | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Larynx                  | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric    | * Pancreas               |
| * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |                          |

MISSING

- |                   |                         |                 |
|-------------------|-------------------------|-----------------|
| * Adrenal Medulla | * Lymph Node, Bronchial | * Mammary Gland |
|-------------------|-------------------------|-----------------|

INSUFFICIENT TISSUE

- \* Adrenal Cortex

OBSERVATIONS

- |                      |                |              |               |
|----------------------|----------------|--------------|---------------|
| Harderian Gland      |                | Adenoma      |               |
| * Islets, Pancreatic |                | Hyperplasia  | Minimal       |
| * Kidney             |                | Nephropathy  | Minimal       |
| * Nose               | Olfactory Epi  | Degeneration | Moderate      |
|                      | Respirat Epith | Degeneration | Hyaline, Mild |
|                      | Olfactory Epi  | Metaplasia   | Mild          |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 646

TRT#: 7

SEX: Male

DAY ON TEST: 699

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

Eye [ Inflammation TGLS = 2-10+11 ]	Inflammation	Marked
Harderian Gland [ Adenoma TGLS = 3,4-10+11 ]	Adenoma	Multiple
* Kidney	Nephropathy	Minimal
* Liver Note: No liver lesions seen that would account for TGL 5.		
* Nose	Olfactory Epi	Moderate
	Respirat Epith	Hyaline, Mild
	Nasolacrim Dct	Suppurative, Mild
	Olfactory Epi	Mild

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 647

TRT#: 7

SEX: Male

DAY ON TEST: 737

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland	* Prostate
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
		Hypertrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 648

TRT#: 7

SEX: Male

DAY ON TEST: 688

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	Multiple
[ Adenoma TGLS = 1-10 ]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-12 ]			
Lymph Node	Iliac	Hyperplasia	Mild
[ Hyperplasia TGLS = 3-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

- Urinary Bladder Inflammation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 649

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
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INSUFFICIENT TISSUE

\* Gallbladder

OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 2-10 ]		Adenoma	Multiple
* Kidney		Nephropathy	Minimal
* Lung [ Alveolar/Bronchiolar Adenoma TGLS = 1-3 ]		Alveolar/Bronchiolar Adenoma	Multiple
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 650

TRT#: 7

DOSE: 750 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 23954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Medulla  
\* Epididymis  
\* Heart  
\* Intestine Small, Duodenum  
\* Larynx  
\* Pancreas  
\* Salivary Glands  
\* Stomach, Forestomach  
\* Thyroid Gland

\* Bone  
\* Esophagus  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Parathyroid Gland  
\* Seminal Vesicle  
\* Stomach, Glandular  
\* Trachea

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Skin  
\* Testes  
\* Urinary Bladder

\* Brain  
Harderian Gland  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Prostate  
\* Spleen  
\* Thymus

MISSING

\* Lymph Node, Bronchial

\* Lymph Node, Mediastinal

\* Mammary Gland

OBSERVATIONS

\* Adrenal Cortex  
\* Kidney  
\* Liver

Hypertrophy  
Nephropathy  
Clear Cell Focus  
Hepatocellular Adenoma

Minimal  
Minimal  
Multiple

[ Hepatocellular Adenoma TGLS = 2-4 ]

\* Nose

Olfactory Epi  
Respirat Epith  
Olfactory Epi

Degeneration  
Degeneration  
Metaplasia  
Cyst

Moderate  
Hyaline, Mild  
Mild  
Mild

\* Preputial Gland

[ Cyst TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 101

TRT#: 2

SEX: Female

DAY ON TEST: 574

DOSE: CONTROL

DISP: Natural Death

HISTO: 23855

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Clitoral Gland	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	
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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Stomach, Glandular			

**OBSERVATIONS**

* Bone [ Arthrosis TGLS = 2-10 ]		Arthrosis	Mild
Harderian Gland		Hyperplasia	Minimal
Mesentery [ Necrosis TGLS = 4-12 ]	Fat	Necrosis	Mild
* Nose		Inflammation	Suppurative, Minimal
* Uterus [ Hydrometra TGLS = 1-8 ]		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 102

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 23856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Liver	* Lung	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
-------------------------	--------------------------	---------------------------

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver			
Note: TGL 3 not found on recut.			
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-11 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Atrophy	Minimal
* Pancreas		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-8 ]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 103

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                           |
|----------------------------|---------------------------|-----------------------------|---------------------------|
| * Adrenal Medulla          | * Bone Marrow             | * Brain                     | * Clitoral Gland          |
| * Esophagus                | * Gallbladder             | * Heart                     | * Intestine Large, Cecum  |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum  |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Larynx                    | * Liver                   |
| * Lung                     | * Lymph Node, Bronchial   | * Lymph Node, Mandibular    | * Lymph Node, Mediastinal |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Pancreas                  | * Pituitary Gland         |
| * Salivary Glands          | * Skin                    | * Spleen                    | * Stomach, Forestomach    |
| * Stomach, Glandular       | * Thymus                  | * Trachea                   | * Urinary Bladder         |
| * Uterus                   |                           |                             |                           |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                                     |                |                        |                  |
|-------------------------------------|----------------|------------------------|------------------|
| * Adrenal Cortex                    | Capsule        | Adenoma                |                  |
| * Bone                              |                | Fibrous Osteodystrophy | Minimal          |
| Harderian Gland                     |                | Adenoma                |                  |
| [ Adenoma TGLS = 1-10 ]             |                |                        |                  |
| * Kidney                            |                | Nephropathy            | Minimal          |
| * Nose                              | Respirat Epith | Degeneration           | Hyaline, Minimal |
| * Ovary                             |                | Cyst                   | Minimal          |
| [ Cyst TGLS = 2-7 ]                 |                |                        |                  |
| * Thyroid Gland                     | Follicular Cel | Hyperplasia            | Minimal          |
| Vagina                              |                | Histiocytic Sarcoma    |                  |
| [ Histiocytic Sarcoma TGLS = 3-11 ] |                |                        |                  |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 104

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 663

HISTO: 23858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

INSUFFICIENT TISSUE

\* Ovary

OBSERVATIONS

Harderian Gland [ Carcinoma TGLS = 1-10 ]		Carcinoma	
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum Note: TGL 3 is apparently on slide 7 which has a cystic structure lined by small gut type epithelium and filled with cell debris. Slide 11 is normal small gut. [ Cyst TGLS = 3-7 ]		Cyst	Moderate
* Kidney		Nephropathy	Minimal
* Lung	Bronchus	Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Pituitary Gland [ Adenoma TGLS = 2-8 ]	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 105

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 667

HISTO: 23859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3-11 ]		
* Lung	Inflammation	Chronic, Minimal
* Lymph Node, Mediastinal	Hyperplasia	Mild
* Mammary Gland	Carcinoma	
[ Carcinoma TGLS = 1-12 ]		
* Ovary	Cyst	Marked
[ Cyst TGLS = 2-7 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-4 ]		

PRIMARY CAUSE OF DEATH

- Mammary Gland Carcinoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 106

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Lung	Mediastinum	Hemorrhage	Focal, Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-11 ]			
* Pituitary Gl			

Note: Recut of pituitary did not locate TGL 1.

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 107

TRT#: 2

SEX: Female

DAY ON TEST: 376

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex            | * Adrenal Medulla        | * Bone                     | * Bone Marrow             |
| * Brain                     | * Clitoral Gland         | * Esophagus                | * Gallbladder             |
| Harderian Gland             | * 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            | * Nose                    |
| * Ovary                     | * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         |
| * Salivary Glands           | * Skin                   | * Spleen                   | * Stomach, Forestomach    |
| * Stomach, Glandular        | * Thymus                 | * Thyroid Gland            | * Trachea                 |
| * Urinary Bladder           | * Uterus                 |                            |                           |

MISSING

- |                         |                           |
|-------------------------|---------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mediastinal |
|-------------------------|---------------------------|

OBSERVATIONS

- |         |        |              |      |
|---------|--------|--------------|------|
| * Heart | Artery | Inflammation | Mild |
| * Lung  |        |              |      |

Note: TGL 1 is due to congestion and is not considered a significant lesion to diagnose.

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 108

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 23862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Gallbladder	* Parathyroid Gland
---------------	---------------------

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart	Endothelium	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Angiectasis	Minimal
		Atrophy	Mild
		Cyst	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 1-4 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 109

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

\* Parathyroid Gland

INSUFFICIENT TISSUE

\* Urinary Bladder

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hemangiosarcoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 2-11 ]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Atrophy	Moderate
* Pancreas		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 110

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 632

HISTO: 23864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Large, Colon	* Lymph Node, Mandibular
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OBSERVATIONS

* Kidney	Metaplasia	Osseous, Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 4-14 ]		
* Skin	Inflammation	Suppurative, Marked
[ Inflammation TGLS = 1,2-11+12 ]		
* Uterus	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3,5-8+13 ]		

PRIMARY CAUSE OF DEATH

- Skin Inflammation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 111

TRT#: 2

SEX: Female

DAY ON TEST: 301

DOSE: CONTROL

DISP: Natural Death

HISTO: 23865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

\* Lymph Node, Mediastinal

AUTO PRECLUDES DIAG.

\* Gallbladder

OBSERVATIONS

* Heart		Mineralization	Mild
* Liver	Centrilobular	Degeneration	Fatty, Mild
	Centrilobular	Necrosis	Mild
	[ Degeneration TGLS = 2-4 ]		
* Nose	Nasolacrimal Duct	Inflammation	Suppurative, Mild
* Ovary		Cyst	Mild
	Note: PCOD was probable hemorrhage from ruptured ovarian cyst.		
	[ Cyst TGLS = 1-10 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Inflammation	Suppurative, Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Ovary Cyst

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 112

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Natural Death

DAY ON TEST: 707

HISTO: 23866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Thymus

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3-12 ]		
	[ Hepatocellular Carcinoma TGLS = 2,3-11+13 ]		
* Lymph Node, Mesenteric		Congestion	Moderate
		Hyperplasia	Mild
	[ Congestion TGLS = 5-6 ]		
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Thyroid Gl			
	Note: Thyroid contained no changes that could account for TGL 4.		
* Uterus		Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-8 ]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 113

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 597

HISTO: 23867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Lymph Node, Bronchial

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
[ Hepatocellular Adenoma TGLS = 4-12 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
Note: TGL 7 is axillary lymph node.			
[ Lymphoma Malignant TGLS = 7-13 ]			
[ Lymphoma Malignant TGLS = 5-10 ]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Angiectasis	Mild
[ Angiectasis TGLS = 2,6-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-11 ]			
* Thymus		Lymphoma Malignant	
* Uterus		Hemangioma	
[ Hemangioma TGLS = 3-8 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 113

**TRT#:** 2  
**DOSE:** CONTROL

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 597  
**HISTO:** 23867

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 114

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 693

HISTO: 23868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Clitoral Gland	* Esophagus
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Bone Marrow		Infiltration Cellular	Mast Cell, Marked
		Mast Cell Tumor Malignant	
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-11 ]			
* Lung	Mediastinum	Infiltration Cellular	Mast Cell, Marked
	Mediastinum	Mast Cell Tumor Malignant	
* Lymph Node, Mesenteric		Infiltration Cellular	Mast Cell, Marked
* Ovary		Atrophy	Mild
		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			
* Spleen		Infiltration Cellular	Mast Cell, Marked
		Mast Cell Tumor Malignant	
[ Infiltration Cellular TGLS = 1-4 ]			
* Thymus		Infiltration Cellular	Mast Cell, Marked
		Mast Cell Tumor Malignant	
* Uterus		Angiectasis	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 114

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 693

**DOSE:** CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** 23868

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 115

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 23869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Esophagus	* Lymph Node, Mandibular
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INSUFFICIENT TISSUE

* Gallbladder
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OBSERVATIONS

* Adrenal Cortex Note: This is a cyst.		Degeneration	Cystic, Mild
* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver [ Hepatocellular Adenoma TGLS = 2-4 ]		Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Ovary		Atrophy	Mild
		Hyperplasia	Tubular, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus [ Polyp Stromal TGLS = 1-8 ]		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 116

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 401

HISTO: 23870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Esophagus
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Lung
- \* Pancreas
- \* Skin
- \* Trachea
- \* Adrenal Medulla
- \* Gallbladder
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lymph Node, Mesenteric
- \* Parathyroid Gland
- \* Stomach, Forestomach
- \* Uterus
- \* Bone
- Harderian Gland
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Mammary Gland
- \* Pituitary Gland
- \* Stomach, Glandular
- \* Brain
- \* Heart
- \* Intestine Small, Duodenum
- \* Larynx
- \* Nose
- \* Salivary Glands
- \* Thyroid Gland

MISSING

- \* Clitoral Gland
- \* Lymph Node, Mandibular

OBSERVATIONS

- \* Bone Marrow [ Lymphoma Malignant TGLS = 4-10 ] Lymphoma Malignant
- \* Kidney [ Lymphoma Malignant TGLS = 6-5 ] Lymphoma Malignant
- \* Liver Lymphoma Malignant
- \* Lung
  - Note: TGL 3 is due to congestion which is not considered a significant lesion to diagnose.
  - Lymph Node Renal Lymphoma Malignant
  - [ Lymphoma Malignant TGLS = 7-11 ]
- \* Lymph Node, Bronchial Lymphoma Malignant
- [ Lymphoma Malignant TGLS = 1-3 ]
- \* Lymph Node, Mediastinal Lymphoma Malignant
- \* Ovary Lymphoma Malignant
- \* Spleen Lymphoma Malignant
- [ Lymphoma Malignant TGLS = 5-4 ]
- \* Thymus Lymphoma Malignant
- [ Lymphoma Malignant TGLS = 2-2 ]
- \* Urinary Bladder Inflammation Suppurative, Mild

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 116

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 401

**DOSE:** CONTROL

**DISP:** Moribund Sacrifice

**HISTO:** 23870

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 117

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23871

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Lymph Node, Bronchial		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 118

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 23872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                           |                            |
|---------------------------|-----------------------------|---------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Bone                    | * Bone Marrow              |
| * Brain                   | * Clitoral Gland            | * Esophagus               | * Gallbladder              |
| Harderian Gland           | * Heart                     | * Intestine Large, Cecum  | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum  | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Larynx                  | * Lung                     |
| * Lymph Node, Bronchial   | * Lymph Node, Mandibular    | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric   |
| * Mammary Gland           | * Nose                      | * Pancreas                | * Pituitary Gland          |
| * Salivary Glands         | * Skin                      | * Spleen                  | * Stomach, Glandular       |
| * Thymus                  | * Thyroid Gland             | * Trachea                 | * Urinary Bladder          |
| * Uterus                  |                             |                           |                            |

INSUFFICIENT TISSUE

- \* Parathyroid Gland

OBSERVATIONS

- |   |                         |      |
|---|-------------------------|------|
| * Liver                                 | Hepatocellular Adenoma  |      |
| [ Hepatocellular Adenoma TGLS = 1-4 ]   |                         |      |
| * Ovary                                 | Atrophy                 | Mild |
| * Stomach, Forestomach                  | Squamous Cell Papilloma |      |
| [ Squamous Cell Papilloma TGLS = 2-11 ] |                         |      |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 119

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Intestine Large, Cecum	Muscularis	Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Atrophy	Mild
* Pancreas		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-11 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 120

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]			
Lymph Node		Ectasia	Mild
Note: Lesion is in lymph node rather than mesentery.			
[ Ectasia TGLS = 2-11 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 121

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23875

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

* Lymph Node, Bronchial	* Parathyroid Gland	* Thymus
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**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 122

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Natural Death

DAY ON TEST: 609

HISTO: 23876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Larynx	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant
* Bone Marrow		Lymphoma Malignant
Harderian Gland		Adenoma
* Intestine Large, Cecum		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 10-16 ]		
* Intestine Small, Duodenum		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 9-15 ]		
* Intestine Small, Ileum		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 8-6 ]		
* Intestine Small, Jejunum		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 7-6 ]		
* Kidney		Lymphoma Malignant
* Liver		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 2-4 ]		
* Lung		Lymphoma Malignant
Lymph Node	Iliac	Lymphoma Malignant
	Renal	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 4-12 ]		
[ Lymphoma Malignant TGLS = 5-13 ]		
* Lymph Node, Bronchial		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 11-3 ]		
* Lymph Node, Mandibular		Lymphoma Malignant
* Lymph Node, Mediastinal		Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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<b>ANIMAL ID:</b> 122	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 609
	<b>DOSE:</b> CONTROL	<b>DISP:</b> Natural Death	<b>HISTO:</b> 23876

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant TGLS = 12-2 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-6+14 ]		
* Ovary	Cyst	Mild
[ Cyst TGLS = 3-7 ]		
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-11 ]		
* Thymus	Lymphoma Malignant	

---

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 123

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Lymph Node, Mesenteric	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Mediastinum	Hemangiosarcoma	
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-11 ]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Ulcer	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 124

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23878

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* 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, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Lymph Node, Mediastinal

**INSUFFICIENT TISSUE**

\* Ovary

**OBSERVATIONS**

* Lung	Hemorrhage	Mild
[ Hemorrhage TGLS = 2-3 ]		
* Lymph Node, Mesenteric	Hyperplasia	Mild
* Uterus	Hydrometra	Marked
[ Hydrometra TGLS = 1-8 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 125

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23879

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Moderate
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-3 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Uterus		Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 126

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 23880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone	Fibrous Osteodystrophy	Mild
* Heart	Cardiomyopathy	Minimal
* Liver	Hemangiosarcoma	
	Hematopoietic Cell Proliferation	Mild
	Hepatocellular Carcinoma	
[ Hemangiosarcoma TGLS = 2-4 ]		
[ Hepatocellular Carcinoma TGLS = 3-11 ]		
* Lymph Node, Bronchial	Hyperplasia	Mild
* Lymph Node, Mediastinal	Hyperplasia	Mild
* Ovary	Atrophy	Marked
	Cyst	Mild
[ Cyst TGLS = 5-7 ]		
* Parathyroid Gland	Carcinoma	
Note: Lesion is more like parathyroid rather than thyroid tumor.		
[ Carcinoma TGLS = 1-2+2A ]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Ulcer	Mild
* Uterus		
Note: No lesions seen to account for TGL 6.		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 127

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 23881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

Harderian Gland		Adenoma	Multiple
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: Recut did not find TGL 6 so rechecked wet tissue and found it (slide 15). [ Eosinophilic Focus TGLS = 7-11 ] [ Hepatocellular Adenoma TGLS = 5,6-4+15 ]			
* Lung	Mediastinum	Hemangioma	
[ Hemangioma TGLS = 2-13 ]			
* Mammary Gland		Carcinoma	
Note: TGL 3 is mammary tissue, not Zymbal's gland. [ Carcinoma TGLS = 3-14 ]			
* Nose	Olfactory Epi Respirat Epith	Atrophy Degeneration	Focal, Minimal Hyaline, Minimal
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 128

TRT#: 2

SEX: Female

DAY ON TEST: 657

DOSE: CONTROL

DISP: Moribund Sacrifice

HISTO: 23882

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* 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, Bronchial
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

\* Lymph Node, Mediastinal

**INSUFFICIENT TISSUE**

\* Ovary

**OBSERVATIONS**

* Bone	Fibrous Osteodystrophy	Minimal
* Heart	Cardiomyopathy	Mild
* Lymph Node, Mandibular	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 129

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Angiectasis	Mild
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
	Pars Intermed	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 130

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 576

HISTO: 23884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Clitoral Gland

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 2,3,4-4+10+11 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: TGL 1 is due to congestion and not considered a significant lesion to diagnose.			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cystadenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 6-4 ]			
* Uterus		Polyp Stromal	
[ Polyp Stromal TGLS = 7-8 ]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 131

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 385

HISTO: 23885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Bone                    | * Brain                     |
| * Clitoral Gland         | * Esophagus                | * Gallbladder             | Harderian Gland             |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Larynx                    |
| * Mammary Gland          | * Nose                     | * Pancreas                | * Salivary Glands           |
| * Skin                   | * Stomach, Glandular       | * Trachea                 | * Urinary Bladder           |
| * Uterus                 |                            |                           |                             |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                                    |                |                    |          |
|------------------------------------|----------------|--------------------|----------|
| * Bone Marrow                      |                | Lymphoma Malignant |          |
| * Heart                            |                | Lymphoma Malignant |          |
| * Kidney                           |                | Lymphoma Malignant |          |
| * Liver                            |                | Lymphoma Malignant |          |
| * Lung                             |                | Lymphoma Malignant |          |
| * Lymph Node, Bronchial            |                | Lymphoma Malignant |          |
| * Lymph Node, Mandibular           |                | Lymphoma Malignant |          |
| * Lymph Node, Mediastinal          |                | Lymphoma Malignant |          |
| * Lymph Node, Mesenteric           |                | Lymphoma Malignant |          |
| * Ovary                            |                | Lymphoma Malignant |          |
| * Pituitary Gland                  |                | Lymphoma Malignant |          |
| * Spleen                           |                | Lymphoma Malignant |          |
| [ Lymphoma Malignant TGLS = 2-4 ]  |                |                    |          |
| * Stomach, Forestomach             | Epithelium     | Hyperplasia        | Moderate |
|                                    |                | Ulcer              | Mild     |
| * Thymus                           |                | Lymphoma Malignant |          |
| [ Lymphoma Malignant TGLS = 1-10 ] |                |                    |          |
| * Thyroid Gland                    | Follicular Cel | Adenoma            |          |

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 132

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Natural Death

DAY ON TEST: 617

HISTO: 23886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Harderian Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

\* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Heart		Hepatocholangiocarcinoma	Metastatic (Liver)
* Kidney		Hepatocholangiocarcinoma	Metastatic (Liver)
[ Hepatocholangiocarcinoma TGLS = 4-5 ]			
* Liver		Hepatocholangiocarcinoma	
[ Hepatocholangiocarcinoma TGLS = 3-12 ]			
* Lung	Mediastinum	Hepatocholangiocarcinoma	Metastatic (Liver)
[ Hepatocholangiocarcinoma TGLS = 2-2+3+11 ]		Hepatocholangiocarcinoma	Metastatic (Liver)
[ Hepatocholangiocarcinoma TGLS = 1-3 ]			
* Lymph Node, Bronchial		Hepatocholangiocarcinoma	Metastatic (Liver)
* Lymph Node, Mediastinal		Hepatocholangiocarcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
Oral Mucosa		Hepatocholangiocarcinoma	Metastatic (Liver)
* Ovary		Angiectasis	Moderate
		Atrophy	Moderate
* Thymus		Hepatocholangiocarcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH - Lung Mediastinum Hepatocholangiocarcinoma Liver

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 133

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Natural Death

DAY ON TEST: 667

HISTO: 23887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Lymph Node, Mediastinal

OBSERVATIONS

Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 5-12 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 4-11 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Marked
* Pituitary Gl			
Note: No pituitary lesions were seen that could account for TGL 1.			
* Uterus		Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2,3-8+13 ]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 134

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 1-11 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Atrophy	Mild
		Hyperplasia	Tubular, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 135

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 716

HISTO: 23889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Esophagus	* Lymph Node, Bronchial
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INSUFFICIENT TISSUE

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Adenoma TGLS = 3-4 ]		
	[ Hepatocellular Carcinoma TGLS = 1,3-11 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
	[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]		
* Pancreas		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 136

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Natural Death

DAY ON TEST: 618

HISTO: 23890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Intestine Small, Jejunum [ Lymphoma Malignant TGLS = 9-6 ]	Peyers Patch	Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 10-4 ]		Lymphoma Malignant	
Lymph Node [ Lymphoma Malignant TGLS = 6-11 ] [ Lymphoma Malignant TGLS = 7-13 ]	Renal	Lymphoma Malignant Lymphoma Malignant	
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-7 ]		Lymphoma Malignant	
* Lymph Node, Mediastinal [ Lymphoma Malignant TGLS = 2-2 ]		Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 8-6 ]		Lymphoma Malignant	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland [ Hyperplasia TGLS = 4-8 ]	Pars Distalis	Hyperplasia	Moderate
* Spleen [ Lymphoma Malignant TGLS = 5-14 ]		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 136

**TRT#:** 2  
**DOSE:** CONTROL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 618  
**HISTO:** 23890

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland  
[ Adenoma TGLS = 3-2 ]

Follicular Cel

Adenoma

---

PRIMARY CAUSE OF DEATH

- Liver Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 137

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 436

**DOSE:** CONTROL

**DISP:** Accidentally Killed

**HISTO:** 23891

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	Lymph Node	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

\* Clitoral Gland

**INSUFFICIENT TISSUE**

\* Gallbladder                      \* Larynx

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 138

TRT#: 2

SEX: Female

DAY ON TEST: 436

DOSE: CONTROL

DISP: Accidentally Killed

HISTO: 23892

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

* Clitoral Gland	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland
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**AUTO PRECLUDES DIAG.**

\* Skin

**OBSERVATIONS**

Harderian Gland	Hyperplasia	Minimal
* Lung	Inflammation	Chronic, Mild
* Ovary	Hyperplasia	Tubular, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 139

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone Marrow               | * Brain                  |
| * Esophagus                | * Gallbladder             | Harderian Gland             | * 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, Bronchial     | * Lymph Node, Mandibular |
| * Lymph Node, Mediastinal  | * Lymph Node, Mesenteric  | * Mammary Gland             | * Ovary                  |
| * Pancreas                 | * Salivary Glands         | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Thymus                    | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

MISSING

- |                  |                     |
|------------------|---------------------|
| * Clitoral Gland | * Parathyroid Gland |
|------------------|---------------------|

OBSERVATIONS

- |                        |                |                        |                  |
|------------------------|----------------|------------------------|------------------|
| * Bone                 |                | Fibrous Osteodystrophy | Minimal          |
| * Heart                |                | Cardiomyopathy         | Minimal          |
| * Nose                 | Respirat Epith | Degeneration           | Hyaline, Minimal |
| * Pituitary Gland      | Pars Distalis  | Adenoma                |                  |
| [ Adenoma TGLS = 2-8 ] |                |                        |                  |
| * Thyroid Gland        | Follicular Cel | Adenoma                |                  |
| [ Adenoma TGLS = 1-2 ] |                |                        |                  |
| * Uterus               |                | Polyp Stromal          |                  |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 140

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 2,3-11+12 ]		
	[ Hepatocellular Carcinoma TGLS = 1-4 ]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Uterus		Angiectasis	Minimal
	[ Angiectasis TGLS = 4-8 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 141

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 693

HISTO: 23895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal	* Thymus
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OBSERVATIONS

* Bone Marrow	Histiocytic Sarcoma	
* Heart	Cardiomyopathy	Minimal
	Histiocytic Sarcoma	
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
	Histiocytic Sarcoma	
	Necrosis	Moderate
[ Histiocytic Sarcoma TGLS = 6,7-4+11 ]		
* Lung	Histiocytic Sarcoma	
* Lymph Node, Mandibular	Histiocytic Sarcoma	
* Lymph Node, Mesenteric	Histiocytic Sarcoma	
* Ovary	Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 4-7 ]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Stom Forestom		
Note: No forestomach lesions were that could account for TGL 5.		
* Uterus	Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 3-12 ]		

PRIMARY CAUSE OF DEATH - Uterus Histiocytic Sarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 142

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 707

HISTO: 23896

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
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

\* Gallbladder

OBSERVATIONS

Harderian Gland		Adenoma	
* Kidney		Lymphoma Malignant	
* Liver		Hemangiosarcoma	
		Lymphoma Malignant	
		Necrosis	Moderate
[ Hemangiosarcoma TGLS = 4-4+11 ]			
[ Lymphoma Malignant TGLS = 5-4+11 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-13 ]			
[ Lymphoma Malignant TGLS = 3-12 ]			
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-12 ]			
* Ovary		Cyst	Moderate
		Lymphoma Malignant	
[ Cyst TGLS = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane

**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 07:15:52

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

**Lab:** BNW

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**ANIMAL ID:** 142

**TRT#:** 2

**DOSE:** CONTROL

**SEX:** Female

**DISP:** Moribund Sacrifice

**DAY ON TEST:** 707

**HISTO:** 23896

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pancreas	Lymphoma Malignant	
* Skin	Inflammation	Chronic, Mild
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-4 ]		

---

**PRIMARY CAUSE OF DEATH** - Liver Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 143

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 23897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Lymph Node, Mediastinal

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]		
[ Hepatocellular Carcinoma TGLS = 2-11 ]		
* Ovary	Thrombosis	Marked
[ Thrombosis TGLS = 4-7 ]		
* Uterus	Hemangioma	
[ Hemangioma TGLS = 3-8 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 144

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Skin	* Trachea	

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Larynx		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 9-4 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
		Lymphoma Malignant	
Note: TGL 4 is axillary lymph node.			
[ Lymphoma Malignant TGLS = 8-13 ]			
[ Lymphoma Malignant TGLS = 4-14 ]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-3 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-7 ]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-12 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Atrophy	Mild
		Cyst	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane

**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 07:15:52

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

**Lab:** BNW

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**ANIMAL ID:** 144

**TRT#:** 2

**DOSE:** CONTROL

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 734

**HISTO:** 23898

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Pancreas  
\* Salivary Glands  
\* Spleen  
    [ Lymphoma Malignant TGLS = 3-4+11 ]  
\* Stomach, Forestomach  
\* Stomach, Glandular  
\* Thymus  
\* Thyroid Gland  
\* Urinary Bladder  
\* Uterus  
  
    [ Lymphoma Malignant TGLS = 6-8 ]  
    [ Polyp Stromal TGLS = 6-8 ]

Lymphoma Malignant  
Lymphoma Malignant  
Lymphoma Malignant  
Lymphoma Malignant  
  
Lymphoma Malignant  
Lymphoma Malignant  
Lymphoma Malignant  
Lymphoma Malignant  
Lymphoma Malignant  
Lymphoma Malignant  
Polyp Stromal

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 145

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Gallbladder	* Intestine Small, Ileum
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Angiectasis	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 146

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 681

HISTO: 23900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Thymus
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OBSERVATIONS

* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 2-12 ]		
[ Hepatocellular Carcinoma TGLS = 1-11 ]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric	Hyperplasia	Mild
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 147

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 23901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 3-4 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[ Hyperplasia TGLS = 1-8 ]			
* Uterus		Hydrometra	Moderate
[ Hydrometra TGLS = 2-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 148

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 693

HISTO: 23902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Salivary Glands
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Mild
Note: No liver lesions were seen that would account for TGL 4.			
* Lymph Node, Mediastinal		Hyperplasia	Minimal
Mesentery		Sarcoma	Metastatic (Skin)
* Ovary		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 1-11 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-4 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-8 ]			

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 149

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 23903

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Gallbladder	Harderian Gland	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

* Clitoral Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Esophagus	Epithelium	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

[ Hematopoietic Cell Proliferation TGLS = 1-4 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 150

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 632

HISTO: 23904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mediastinal		Hyperplasia	Marked
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-2+5+6+7+8+11 ]			
* Ovary		Cystadenoma	
[ Cystadenoma TGLS = 1-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Ulcer	Minimal
* Thymus		Thymoma Benign	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[ Eosinophilic Focus TGLS = 3-13 ]			
[ Hepatocellular Adenoma TGLS = 2-11 ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 1-12 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1,2-4+11 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 3-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-8 ]			
* Uterus		Angiectasis	Mild
[ Angiectasis TGLS = 2-8 ]		Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 304

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 637

HISTO: 24158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Heart	* Mammary Gland
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MISSING

* Clitoral Gland	* Lymph Node, Mesenteric	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Liver			
Note: Autolysis precludes evaluation.			
* Lung	Alveolar Epith	Hyperplasia	Mild
Note: TGL 3 is due to hypostatic congestion and not significant.			
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 1-11+12 ]			

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 305

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 24159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver	Centrilobular	Degeneration	Fatty, Moderate
	Centrilobular	Necrosis	Mild
	[ Degeneration TGLS = 1-4 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]		
* Ovary		Atrophy	Mild
		Granulosa Cell Tumor Benign	
	Note: Tumor has an unusual Sertoli cell-like cell in with the granulosa cells.		
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Adenoma	
	Note: Appears to be a pyloric tumor, near the duodenum but not originating from the duodenum.		
	[ Adenoma TGLS = 3-11 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 306

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 24160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Duodenum	* Lymph Node, Mandibular
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Note: Nothing observed in adrenal to account for TGL 10.			
* Bone		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 9-11 ]			
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 4,6,7-4+14+16 ]			
[ Hepatocellular Carcinoma TGLS = 3-15 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-13 ]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Atrophy	Mild
		Hyperplasia	Tubular, Mild
* Pancreas		Basophilic Focus	
* Salivary Glands		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-12 ]			
* Spleen		Hemangiosarcoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 306

**TRT#:** 4  
**DOSE:** 188 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 24160

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hemangiosarcoma TGLS = 5-17 ]

\* Thymus  
\* Uterus

Hyperplasia  
Angiectasis

Lymphoid, Mild  
Moderate

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[ Angiectasis TGLS = 8-8 ]

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 426

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mesenteric	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Liver		Hematopoietic Cell Proliferation	Moderate
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mediastinal		Hyperplasia	Moderate
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 1-2+4+6+7 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Mesentery Fat Necrosis

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 308

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 555

HISTO: 24162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex

\* Brain

\* Intestine Large, Colon

\* Larynx

\* Lymph Node, Mesenteric

\* Pituitary Gland

\* Thymus

\* Uterus

\* Adrenal Medulla

\* Esophagus

\* Intestine Large, Rectum

\* Lymph Node, Bronchial

\* Mammary Gland

\* Salivary Glands

\* Thyroid Gland

\* Bone

Harderian Gland

\* Islets, Pancreatic

\* Lymph Node, Mandibular

\* Ovary

\* Stomach, Forestomach

\* Trachea

\* Bone Marrow

\* Heart

\* Kidney

\* Lymph Node, Mediastinal

\* Pancreas

\* Stomach, Glandular

\* Urinary Bladder

MISSING

\* Clitoral Gland

\* Parathyroid Gland

\* Skin

AUTO PRECLUDES DIAG.

\* Gallbladder

\* Intestine Small, Jejunum

\* Intestine Large, Cecum

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

OBSERVATIONS

\* Liver

[ Hepatocellular Carcinoma TGLS = 2-10 ]

\* Lung

\* Nose

\* Spleen

[ Hematopoietic Cell Proliferation TGLS = 3-4 ]

Olfactory Epi

Hepatocellular Carcinoma

Hepatocellular Carcinoma

Degeneration

Hematopoietic Cell Proliferation

Metastatic (Liver)

Minimal

Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	Multiple
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 4-4 ]			
* Lung	Mediastinum	Necrosis	Mild
Note: fat necrosis			
[ Necrosis TGLS = 1-12 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-11 ]			
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
	Olfactory Epi	Degeneration	Minimal
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hemangioma	
[ Hemangioma TGLS = 3-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 310

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 663

HISTO: 24164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

\* Lymph Node, Mandibular

INSUFFICIENT TISSUE

\* Ovary

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-1 ]			
Harderian Gland		Adenoma	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Lymphoma Malignant	
[ Eosinophilic Focus TGLS = 6-13 ]		Necrosis	Mild
[ Lymphoma Malignant TGLS = 2-4+13 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-12 ]			
[ Lymphoma Malignant TGLS = 3-11 ]			
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane

**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 07:15:52

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

**Lab:** BNW

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**ANIMAL ID:** 310

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 663

**DOSE:** 188 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 24164

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Mild Hyaline, Mild
* Spleen [ Lymphoma Malignant TGLS = 1-14 ]		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	

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**PRIMARY CAUSE OF DEATH** - Brain Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 564

DOSE: 188 PPM

DISP: Natural Death

HISTO: 24165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Intestine Small, Duodenum	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Kidney			
Note: Lesions were not seen in the kidney that would explain TGL 3.			
* Larynx		Inflammation	Suppurative, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[ Hepatocellular Adenoma TGLS = 4-10 ]	
		[ Hepatocellular Carcinoma TGLS = 2-11 ]	
* Lung	Mediastinum	Hepatocellular Carcinoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
		[ Hepatocellular Carcinoma TGLS = 1-3 ]	
* Lymph Node, Bronchial		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 312

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 569

HISTO: 24166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-10 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Cyst	Mild
[ Cyst TGLS = 3-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hemangioma	
[ Hemangioma TGLS = 1-11 ]		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 313

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 639

HISTO: 24167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

Harderian Gland		Adenoma	
* Liver	Centrilobular	Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 4-11+12 ]	Necrosis	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary	Bilateral	Angiectasis	Marked
		Cyst	Marked
Note: Left ovary cyst is blood filled.			
	[ Angiectasis TGLS = 2-7 ]		
	[ Cyst TGLS = 2,3-7 ]		
* Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 314

TRT#: 4

SEX: Female

DAY ON TEST: 345

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* 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, Bronchial	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Int Sm Jejunum			
Note: No significant microscopic lesions were observed in any intestinal section that accounted for TGL 3,4 or 5.			
* Kidney		Amyloid Deposition	Marked
[ Amyloid Deposition TGLS = 2-5 ]			
* Liver			
Note: No significant liver lesions were seen that account for TGL 1.			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Stomach, Glandular		Inflammation	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Amyloid Deposition

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 315

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 693

HISTO: 24169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

\* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Gallbladder		Inflammation	Chronic, Mild
* Liver		Inflammation	Chronic, Mild
Lymph Node	Iliac	Hyperplasia	Minimal
	Renal	Hyperplasia	Mild
	[ Hyperplasia TGLS = 3-12 ]		
	[ Hyperplasia TGLS = 2-11 ]		
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Granulosa Cell Tumor Benign	
	[ Granulosa Cell Tumor Benign TGLS = 5-7 ]		
* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Hyperplasia	Mild
	[ Adenoma TGLS = 1-8 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 4-8 ]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Intermed Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:52  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 315

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 693

**DOSE:** 188 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 24169

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 316

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 534

HISTO: 24170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3-12 ]		
	[ Hepatocellular Carcinoma TGLS = 2-11 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Minimal
	[ Alveolar/Bronchiolar Carcinoma TGLS = 4-10 ]		
* Lymph Node, Mediastinal		Hyperplasia	Marked
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas		Atrophy	Marked
* Uterus		Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 5-8 ]		

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:52

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 317

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 731

HISTO: 24171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular	Necrosis	Mild
	[ Hepatocellular Adenoma TGLS = 4,5-4+11 ]		
Lymph Node	Renal	Hyperplasia	Marked
	[ Hyperplasia TGLS = 3-12 ]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Minimal
* Ovary		Atrophy	Mild
		Cyst	Marked
	[ Cyst TGLS = 1-7 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 2-4 ]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 318

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 24172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone Marrow		Lymphoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
		[ Hepatocellular Adenoma TGLS = 1,2-4+11+12 ]	
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 3-13 ]	
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Atrophy	Moderate
		Cyst	Mild
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Uterus		Hydrometra	Moderate
		Polyp Stromal	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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<b>ANIMAL ID:</b> 318	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 188 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 24172

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hydrometra TGLS = 4-14 ]

[ Polyp Stromal TGLS = 5-14 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Mediastinal	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Carcinoma	
Note: TGL 2 not found even after recut. [ Hepatocellular Carcinoma TGLS = 1-4 ]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 320

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 24174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Inflammation	Chronic, Mild
		Mixed Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLS = 2-4 ]		
* Uterus		Adenoma	
	[ Adenoma TGLS = 1-8 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 321

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Clitoral Gland

OBSERVATIONS

Harderian Gland		Adenoma	
* Larynx		Metaplasia	Squamous, Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3,4-4+11 ]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-13 ]			
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus		Thrombosis	Mild
[ Thrombosis TGLS = 2-12 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 322

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular
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INSUFFICIENT TISSUE

\* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
Harderian Gland		Hyperplasia	Marked
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 4-4 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-3 ]		
Lymph Node		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 3-11+13 ]		
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Mammary Gland		Carcinoma	
	[ Carcinoma TGLS = 3-11+13 ]		
Mesentery	Fat	Thrombosis	Moderate
	[ Thrombosis TGLS = 7-14 ]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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<b>ANIMAL ID:</b> 322	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 734
	<b>DOSE:</b> 188 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 24176

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 2-4 ]	Lymphoma Malignant	
* Uterus		Deciduoma Benign	
	[ Deciduoma Benign TGLS = 6-12 ]	Hydrometra	Moderate
	[ Hydrometra TGLS = 5-12 ]		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 323

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 6,7-4 ]			
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-14 ]			
[ Lymphoma Malignant TGLS = 3-12 ]			
[ Lymphoma Malignant TGLS = 4-13 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-15 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-11 ]			
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Atrophy	Mild
		Cyst	Minimal
* Spleen		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 323

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 188 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 24177

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant TGLS = 2-4 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 324

TRT#: 4

SEX: Female

DAY ON TEST: 581

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

\* Lymph Node, Mediastinal

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-10 ]			
* Lung			
Note: TGL 2 is related to lung congestion which was not considered a significant diagnosis.			
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-6 ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 5-11 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
	Pars Intermed	Hypertrophy	Minimal
* Spleen		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Adenoma	
[ Adenoma TGLS = 1-2 ]			
* Uterus		Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 4-8 ]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 325

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Lymph Node, Mediastinal
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Brain	Meninges	Infiltration Cellular	Mononuclear CI, Mild
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 3-10 ]			
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 5-12 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]			
* Lymph Node, Mesenteric		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 6-11 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
[ Angiectasis TGLS = 4-8 ]			
[ Hyperplasia TGLS = 4-8 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 325

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 188 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 24179

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Spleen

Hyperplasia

Lymphoid, Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 326

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 24180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	[ Hepatocellular Carcinoma TGLS = 1-11+12 ]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Atrophy	Mild
		Cyst	Marked
	[ Cyst TGLS = 2-7 ]		
* Pancreas		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 327

TRT#: 4

SEX: Female

DAY ON TEST: 665

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Bone Marrow             | * Brain                     |
| * Esophagus              | * Gallbladder              | Harderian Gland           | * 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, Bronchial     |
| * Lymph Node, Mandibular | * Lymph Node, Mediastinal  | * Lymph Node, Mesenteric  | * Mammary Gland             |
| * Ovary                  | * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           |
| * Salivary Glands        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        | * Uterus                   |                           |                             |

MISSING

- \* Clitoral Gland

OBSERVATIONS

- |        |               |                        |                |
|--------|---------------|------------------------|----------------|
| * Bone |               | Fibrous Osteodystrophy | Minimal        |
| * Nose | Olfactory Epi | Atrophy                | Focal, Minimal |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 328

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                           |                            |
|---------------------------|-----------------------------|---------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Bone                    | * Bone Marrow              |
| * Brain                   | * Clitoral Gland            | * Esophagus               | * Gallbladder              |
| Harderian Gland           | * 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, Mediastinal | * Mammary Gland            |
| * Ovary                   | * Pancreas                  | * Salivary Glands         | * Skin                     |
| * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                  | * Thyroid Gland            |
| * Trachea                 | * Urinary Bladder           | * Uterus                  |                            |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                          |                |              |                  |
|--------------------------|----------------|--------------|------------------|
| * Lymph Node, Bronchial  |                | Hyperplasia  | Mild             |
| * Lymph Node, Mesenteric |                | Congestion   | Moderate         |
| * Nose                   | Respirat Epith | Degeneration | Hyaline, Minimal |
| * Pituitary Gland        | Pars Distalis  | Adenoma      |                  |
| [ Adenoma TGLS = 1-8 ]   |                |              |                  |
| * Spleen                 |                | Hyperplasia  | Lymphoid, Mild   |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 329

TRT#: 4

SEX: Female

DAY ON TEST: 579

DOSE: 188 PPM

DISP: Natural Death

HISTO: 24183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Gallbladder	Harderian Gland
* Heart	* Lung		

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland	* Skin	* Thymus
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AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 4-10 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Uterus		Hydrometra	Mild
[ Hydrometra TGLS = 2,3-8 ]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 330

TRT#: 4

SEX: Female

DAY ON TEST: 357

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

MISSING

\* Lymph Node, Mandibular

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Mild
* Kidney	Renal Tubule	Mineralization	Mild
[ Mineralization TGLS = 2-5 ]			
* Liver			
Note: No lesions were noted in the liver to account for TGL 1.			
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
* Thymus		Atrophy	Marked
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 331

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 569

HISTO: 24185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

\* Intestine Small, Duodenum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
[ Eosinophilic Focus TGLS = 7-4 ]			
[ Hepatocellular Adenoma TGLS = 4-11 ]			
* Lung			
Note: The congestion of the lungs was not considered significant enough to diagnose (TGL 2). TGL 6 not seen on recut.			
* Lymph Node, Mesenteric		Hyperplasia	Moderate
* Mammary Gland		Carcinoma	
[ Carcinoma TGLS = 1-12 ]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[ Hyperplasia TGLS = 3-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 5-4 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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<b>ANIMAL ID:</b> 331	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 569
	<b>DOSE:</b> 188 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 24185

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH	- Mammary Gland Carcinoma
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 332

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland	* Lymph Node, Mandibular
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Liver	Bile Duct	Cyst	Mild
		Eosinophilic Focus	
	[ Cyst TGLS = 3-11 ]		
	[ Eosinophilic Focus TGLS = 2-4 ]		
* Lung		Hemorrhage	Minimal
	[ Hemorrhage TGLS = 4-3 ]		
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal
* Ovary		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 1-8 ]		
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 333

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 693

HISTO: 24187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

Eye [ Inflammation TGLS = 2-10 ]		Inflammation	Marked
Harderian Gland [ Carcinoma TGLS = 3-10 ]		Carcinoma	
* Kidney Note: No kidney lesions seen to account for TGL 9.			
* Liver Note: No liver lesions observed to account for TGL 7 or 8. [ Hepatocellular Adenoma TGLS = 5,6-4 ]		Hematopoietic Cell Proliferation Hepatocellular Adenoma	Mild Multiple
* Nose * Ovary [ Cyst TGLS = 11-7 ]	Respirat Epith	Degeneration Angiectasis Cyst	Hyaline, Mild Mild Marked
* Pituitary Gland [ Adenoma TGLS = 4-8 ]	Pars Distalis	Adenoma	
* Spleen [ Hematopoietic Cell Proliferation TGLS = 10-4 ]		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hemangioma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 333

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 693

**DOSE:** 188 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 24187

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hemangioma TGLS = 12-12 ]

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PRIMARY CAUSE OF DEATH

- Uterus Hemangioma

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 334

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

INSUFFICIENT TISSUE

\* Urinary Bladder

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Atrophy	Minimal
		Hyperplasia	Tubular, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	

[ Lymphoma Malignant TGLS = 1-4 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 335

TRT#: 4

SEX: Female

DAY ON TEST: 656

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-12 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-11 ]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 336

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

\* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 337

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3,4,5-4+11+12 ]			
* Nose	Olfactory Epi	Atrophy	Focal, Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Stomach, Forestomach		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 6-8 ]			
* Uterus		Hemangioma	
[ Hemangioma TGLS = 1-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

<b>ANIMAL ID:</b> 338	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 416
	<b>DOSE:</b> 188 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 24192

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Parathyroid Gland	* Thyroid Gland	* Trachea

**MISSING**

* Clitoral Gland	* Lymph Node, Mediastinal	* Mammary Gland	* Pituitary Gland
* Skin			

**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-10 ]			
* Brain		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-1 ]			
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
		Necrosis	Moderate
[ Lymphoma Malignant TGLS = 7,8,9-4 ]			
* Lung		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-3 ]			
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
Note: TGL 6 is a lymph node associated with salivary tissue, not Harderian gland on slide 12.			
[ Lymphoma Malignant TGLS = 6-12 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 338

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 416

**DOSE:** 188 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 24192

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Lymphoma Malignant TGLS = 10-4 ]	Lymphoma Malignant
* Stomach, Forestomach	Lymphoma Malignant
* Stomach, Glandular	Lymphoma Malignant
* Thymus	Lymphoma Malignant
* Urinary Bladder	Lymphoma Malignant
* Uterus	Lymphoma Malignant

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**PRIMARY CAUSE OF DEATH**            - Brain    Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 339

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Gallbladder	* Lymph Node, Mediastinal	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Liver	Hepatocellular Adenoma Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 3-11 ] [ Hepatocellular Carcinoma TGLS = 2-12 ]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
[ Hepatocellular Carcinoma TGLS = 1-3 ]		
* Ovary	Atrophy	Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 340

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 24194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Thymus
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OBSERVATIONS

Harderian Gland		Adenoma	
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3-12+13 ]			
Mesentery		Hemorrhage	Mild
	Fat	Necrosis	Minimal
[ Hemorrhage TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Parathyroid Gland		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 341

TRT#: 4

SEX: Female

DAY ON TEST: 441

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Bone                   | * Bone Marrow              |
| * Brain                   | * Clitoral Gland            | * Esophagus              | * Gallbladder              |
| Harderian Gland           | * 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, Bronchial     | * Lymph Node, Mandibular | * Lymph Node, Mesenteric   |
| * Mammary Gland           | * Ovary                     | * Pancreas               | * Parathyroid Gland        |
| * Pituitary Gland         | * Salivary Glands           | * Spleen                 | * Stomach, Forestomach     |
| * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          | * Trachea                  |
| * Uterus                  |                             |                          |                            |

MISSING

- \* Lymph Node, Mediastinal

OBSERVATIONS

- |                   |                |              |                     |
|-------------------|----------------|--------------|---------------------|
| * Nose            | Respirat Epith | Degeneration | Hyaline, Minimal    |
| * Skin            |                | Inflammation | Suppurative, Marked |
| * Urinary Bladder |                | Inflammation | Suppurative, Mild   |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 342

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1,2-4 ]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 343

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* 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, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-11 ]			
* Lymph Node, Mediastinal		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 4-12 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hemangioma	
[ Hemangioma TGLS = 2-13 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 344

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Brain	Meninges	Infiltration Cellular	Mononuclear CI, Mild
Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Lung	Perivascular	Inflammation	Chronic, Mild
* Lymph Node, Bronchial		Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Marked
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-11 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-8 ]			
* Spleen		Hyperplasia	Lymphoid, Minimal
[ Hyperplasia TGLS = 3-4 ]			
* Thymus		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 345

TRT#: 4

DOSE: 188 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 646

HISTO: 24199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

Harderian Gland		Adenoma	
* Heart	Pericardium	Hepatocellular Carcinoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[ Hepatocellular Adenoma TGLS = 6-14 ]	
		[ Hepatocellular Carcinoma TGLS = 5-13 ]	
* Lung	Mediastinum	Hepatocellular Carcinoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
		[ Hepatocellular Carcinoma TGLS = 2-3,1-3+11 ]	
		[ Hepatocellular Carcinoma TGLS = 2-3 ]	
* Lymph Node, Bronchial		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mediastinal		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery		Hepatocellular Carcinoma	Metastatic (Liver)
		[ Hepatocellular Carcinoma TGLS = 7-12 ]	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hepatocellular Carcinoma	Metastatic (Liver)
		[ Hepatocellular Carcinoma TGLS = 8-2 ]	
* Uterus		Hyperplasia	Cystic, Marked
		[ Hyperplasia TGLS = 3,4-8+15 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 345

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 646

**DOSE:** 188 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 24199

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 346

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

\* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary	Granulosa Cell	Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 347

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Gallbladder		Inflammation	Suppurative, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Peyers Patch	Hyperplasia	Marked
[ Hyperplasia TGLS = 6-14 ]			
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-4 ]			
Lymph Node	Iliac	Hyperplasia	Marked
[ Hyperplasia TGLS = 5-16 ]			
* Lymph Node, Mesenteric		Hyperplasia	Marked
[ Hyperplasia TGLS = 8-12 ]			
Mesentery		Hemangioma	
[ Hemangioma TGLS = 7-15 ]		Sarcoma	
[ Sarcoma TGLS = 2-11+13 ]			
* Ovary		Cyst	Minimal
[ Cyst TGLS = 4-8 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLS = 1-4 ]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 347

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 188 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 24201

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 348

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone		Fibrous Osteodystrophy	Moderate
Harderian Gland		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Atrophy	Mild
		Cyst	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 349

TRT#: 4

SEX: Female

DAY ON TEST: 653

DOSE: 188 PPM

DISP: Moribund Sacrifice

HISTO: 24203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

\* Lymph Node, Bronchial

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Moderate
	[ Hepatocellular Adenoma TGLS = 2-12,1-11 ]		
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 350

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 188 PPM

DISP: Terminal Sacrifice

HISTO: 24204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

INSUFFICIENT TISSUE

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Atrophy	Moderate
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 501

TRT#: 6

SEX: Female

DAY ON TEST: 693

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                          |                           |                          |
|----------------------------|--------------------------|---------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla        | * Bone                    | * Bone Marrow            |
| * Brain                    | * Esophagus              | * Gallbladder             | * Heart                  |
| * Intestine Large, Cecum   | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic     | * Kidney                  | * Larynx                 |
| * Lymph Node, Bronchial    | * Lymph Node, Mandibular | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric |
| * Mammary Gland            | * Ovary                  | * Pancreas                | * Pituitary Gland        |
| * Salivary Glands          | * Skin                   | * Spleen                  | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                 | * Thyroid Gland           | * Trachea                |
| * Urinary Bladder          |                          |                           |                          |

MISSING

- |                  |                             |                     |
|------------------|-----------------------------|---------------------|
| * Clitoral Gland | * Intestine Small, Duodenum | * Parathyroid Gland |
|------------------|-----------------------------|---------------------|

OBSERVATIONS

- |   |  |   |                                   |
|---|--|---|-----------------------------------|
| Harderian Gland   |  | Adenoma   |                                   |
| * Liver   |  | Hepatocellular Adenoma                                  |                                   |
| Note: No lesions were seen that would account for TGL 5.<br>[ Hepatocellular Adenoma TGLS = 4-4 ] |  |   |                                   |
| * Lung  |  | Alveolar/Bronchiolar Carcinoma<br>Infiltration Cellular | Histiocyte, Moderate              |
| [ Alveolar/Bronchiolar Carcinoma TGLS = 2-3 ]   |  |   |                                   |
| * Lym Node Bron   |  |   |                                   |
| Note: No lesions were seen that would account for TGL 1.  |  |   |                                   |
| Lymph Node  | Renal  | Hyperplasia   | Mild                              |
| [ Hyperplasia TGLS = 6-11 ]   |  |   |                                   |
| * Nose  | Olfactory Epi<br>Respirat Epith<br>Olfactory Epi | Degeneration<br>Degeneration<br>Metaplasia              | Moderate<br>Hyaline, Mild<br>Mild |
| * Uterus  |  | Hydrometra  | Moderate                          |
| [ Hydrometra TGLS = 3-8 ]   |  |   |                                   |

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 502

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 24056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

\* Thymus

OBSERVATIONS

Harderian Gland [ Carcinoma TGLS = 1-10 ]		Carcinoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver [ Eosinophilic Focus TGLS = 4-11 ]		Eosinophilic Focus	
* Lung [ Carcinoma TGLS = 3-3 ]		Carcinoma	Metastatic (Harderian Gland)
* Lymph Node, Mandibular		Hyperplasia	Marked
* Lymph Node, Mediastinal		Carcinoma	Metastatic (Harderian Gland)
* Lymph Node, Mesenteric		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild
* Pituitary Gland [ Adenoma TGLS = 2-8 ]	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 502

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 375 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 24056

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 503

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 665

HISTO: 24057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Intestine Large, Colon

OBSERVATIONS

Harderian Gland		Adenoma	
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]		
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Uterus		Hydrometra	Mild
		Hyperplasia	Cystic, Moderate
	[ Hydrometra TGLS = 2-11 ]		
	[ Hyperplasia TGLS = 3,4-12 ]		

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 504

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* 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, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

\* Parathyroid Gland

INSUFFICIENT TISSUE

\* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Metaplasia	Osseous, Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-8 ]			
* Thymus		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 505

TRT#: 6

SEX: Female

DAY ON TEST: 727

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Moderate
* Ovary		Atrophy	Mild
		Cyst	Marked
	Interstit Cell	Hyperplasia	Mild

[ Cyst TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 506

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 653

HISTO: 24060

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	* Kidney	* Larynx	* Lung
* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Gallbladder		Inflammation	Suppurative, Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 3-10 ]			
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-13 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Lymphoma Malignant	
Lymph Node	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-16 ]			
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
Note: TGL 2 appeared to be mediastinal lymph nodes not thymus.			
[ Lymphoma Malignant TGLS = 2-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-12 ]			
* Mammary Gland		Adenoma	
[ Adenoma TGLS = 10-14 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Mild
[ Cyst TGLS = 6-7 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 506

TRT#: 6

SEX: Female

DAY ON TEST: 653

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24060

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Pancreas		Atrophy	Moderate
	Duct	Cyst	Moderate
		Lymphoma Malignant	
[ Cyst TGLS = 4-11 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin		Inflammation	Suppurative, Marked
[ Inflammation TGLS = 1-17 ]			
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 9-15 ]			
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 507

TRT#: 6

SEX: Female

DAY ON TEST: 69

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24061

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Intestine Small, Ileum	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 508

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 24062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

\* Lymph Node, Mediastinal

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2,3-4+11 ]		
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLS = 1-12 ]		
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 509

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

\* Clitoral Gland

INSUFFICIENT TISSUE

\* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Mild
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 2-10 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Carcinoma	Metastatic (Harderian Gland)
		Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Hemosiderin, Minimal
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]			
[ Hyperplasia TGLS = 3-3 ]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane

**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 07:15:53

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

**Lab:** BNW

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**ANIMAL ID:** 509

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 375 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 24063

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Ovary

Cyst

Minimal

\* Pituitary Gland

Pars Distalis

Hyperplasia

Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 510

TRT#: 6

SEX: Female

DAY ON TEST: 548

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Lymph Node, Mediastinal
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OBSERVATIONS

Eye		Inflammation	Marked
[ Inflammation TGLS = 4-10 ]			
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Necrosis	Mild
[ Eosinophilic Focus TGLS = 3-12 ]			
[ Hepatocellular Carcinoma TGLS = 2-13+14 ]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Mammary Gland		Carcinoma	
[ Carcinoma TGLS = 1-7+11 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Moderate
	Olfactory Epi	Metaplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Squamous metaplasia and chronic inflammation seem related to mammary tumor invasion on side of head.			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 510

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 548

**DOSE:** 375 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 24064

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 511

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 637

HISTO: 24065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Lymph Node, Mediastinal

OBSERVATIONS

Harderian Gland		Adenoma	
* Kidney		Metaplasia	Osseous, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3-11 ]		
	[ Hepatocellular Carcinoma TGLS = 2-12 ]		
* Lung			
	Note: TGL 1 is due to congestion and not considered significant.		
* Lymph Node, Mandibular		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 512

TRT#: 6

SEX: Female

DAY ON TEST: 602

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland	* Lymph Node, Mandibular
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OBSERVATIONS

* Bone			
Note: No lesions were seen to account for TGL 2.			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 11-9 ]			
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 8,10-11+12 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
		Inflammation	Chronic, Mild
[ Alveolar/Bronchiolar Adenoma TGLS = 3-3 ]			
[ Alveolar/Bronchiolar Carcinoma TGLS = 4-3 ]			
[ Infiltration Cellular TGLS = 5-3 ]			
[ Inflammation TGLS = 5-3 ]			
* Lymph Node, Bronchial		Hyperplasia	Moderate
[ Hyperplasia TGLS = 9-3 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane

**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 07:15:53

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

**Lab:** BNW

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**ANIMAL ID:** 512

**TRT#:** 6

**DOSE:** 375 PPM

**SEX:** Female

**DISP:** Moribund Sacrifice

**DAY ON TEST:** 602

**HISTO:** 24066

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**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Ovary

[ Angiectasis TGLS = 6-7 ]

\* Uterus

[ Hemorrhage TGLS = 7-8 ]

Angiectasis

Cyst

Hemorrhage

Mild

Minimal

Mild

---

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 513

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* 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, Bronchial	* Lymph Node, Mediastinal
* Mammary Gland	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland	* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[ Hyperplasia TGLS = 2-12 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 514

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24068

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

* Parathyroid Gland	* Pituitary Gland
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**INSUFFICIENT TISSUE**

\* Gallbladder

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 515

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-4 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild
		Cyst	Minimal
		Hyperplasia	Tubular, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Angiectasis	Mild
[ Angiectasis TGLS = 2-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 516

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 498

HISTO: 24070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Islets, Pancreatic	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
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OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Mild
Harderian Gland		Adenoma	
* Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery		Inflammation	Suppurative, Marked
Note: This lesion is an abscess, but is unusual in that the wall contains a couple of acini of cuboidal to columnar cells, they also line part of the wall.			
[ Inflammation TGLS = 2-10 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

- Mesentery Inflammation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 517

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 568

HISTO: 24071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Brain                     | * Clitoral Gland         |
| * Esophagus                | * Gallbladder             | Harderian Gland             | * 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, Bronchial     | * Lymph Node, Mandibular |
| * Lymph Node, Mediastinal  | * Lymph Node, Mesenteric  | * Mammary Gland             | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

MISSING

- \* Thymus

OBSERVATIONS

- |                                   |                |                 |               |
|-----------------------------------|----------------|-----------------|---------------|
| * Bone                            |                | Hemangiosarcoma |               |
| [ Hemangiosarcoma TGLS = 2-9+10 ] |                |                 |               |
| * Bone Marrow                     |                | Hemangiosarcoma |               |
| [ Hemangiosarcoma TGLS = 2-9+10 ] |                |                 |               |
| * Heart                           |                | Cardiomyopathy  | Minimal       |
| * Nose                            | Olfactory Epi  | Degeneration    | Moderate      |
|                                   | Respirat Epith | Degeneration    | Hyaline, Mild |
| * Stomach, Glandular              |                | Inflammation    | Minimal       |
| * Uterus                          |                | Hyperplasia     | Cystic, Mild  |
| [ Hyperplasia TGLS = 1-8 ]        |                |                 |               |

PRIMARY CAUSE OF DEATH

- Bone Hemangiosarcoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 518

TRT#: 6

SEX: Female

DAY ON TEST: 665

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

\* Lymph Node, Mediastinal

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Brain	Meninges	Infiltration Cellular	Mononuclear CI, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Inflammation	Suppurative, Minimal
		Metaplasia	Mild
* Ovary		Cyst	Mild

[ Cyst TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 519

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 24073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Lymph Node, Mandibular

OBSERVATIONS

Harderian Gland		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 4-4 ]		
	[ Hepatocellular Carcinoma TGLS = 3-11 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]		
* Lymph Node, Bronchial		Hyperplasia	Mild
	Note: TGL 2 appears to be bronchial, not mediastinal, lymph node.		
	[ Hyperplasia TGLS = 2-3 ]		
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Moderate
	[ Hydrometra TGLS = 5-8 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 519

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 375 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 24073

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 520

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-12 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Skin	Subcut Tiss	Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-11 ]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 521

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 24075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[ Hepatocellular Adenoma TGLS = 2-4 ]		
	[ Mixed Cell Focus TGLS = 1-4 ]		
* Lymph Node, Mesenteric		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Marked
	[ Necrosis TGLS = 4-11 ]		
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLS = 3-4 ]		
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Adenomyosis	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 521

**TRT#:** 6  
**DOSE:** 375 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 24075

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**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Angiectasis TGLS = 5-8 ]

Angiectasis

Moderate

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 522

TRT#: 6

SEX: Female

DAY ON TEST: 716

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

\* Parathyroid Gland

INSUFFICIENT TISSUE

\* Urinary Bladder

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Skin	Subcut Tiss	Sarcoma	
		Squamous Cell Carcinoma	
	[ Sarcoma TGLS = 3-11+12 ]		
	[ Squamous Cell Carcinoma TGLS = 1-13 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-4 ]		

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 523

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

\* Lymph Node, Mediastinal

INSUFFICIENT TISSUE

\* Intestine Small, Duodenum

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	Multiple
[ Adenoma TGLS = 1-10 ]			
* Heart		Cardiomyopathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 524

TRT#: 6

SEX: Female

DAY ON TEST: 609

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                          |                           |                             |
|--------------------------|--------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla        | * Bone                    | * Bone Marrow               |
| * Brain                  | * Clitoral Gland         | * Esophagus               | * Gallbladder               |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Islets, Pancreatic     | * Kidney                 | * Larynx                  | * Lung                      |
| * Lymph Node, Mandibular | * Mammary Gland          | * Ovary                   | * Pancreas                  |
| * Pituitary Gland        | * Salivary Glands        | * Skin                    | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thyroid Gland          | * Trachea                 | * Urinary Bladder           |
| * Uterus                 |                          |                           |                             |

MISSING

- \* Parathyroid Gland

INSUFFICIENT TISSUE

- \* Thymus

OBSERVATIONS

- |                            |  |                                  |               |
|----------------------------|--|----------------------------------|---------------|
| Harderian Gland            |  | Hyperplasia                      | Moderate      |
| * Heart                    |  | Cardiomyopathy                   | Minimal       |
| * Intestine Small, Ileum   | Peyers Patch   | Lymphoma Malignant               |               |
| * Intestine Small, Jejunum | Peyers Patch   | Lymphoma Malignant               |               |
|                            | [ Lymphoma Malignant TGLS = 4-15 ]   |                                  |               |
| * Liver                    |  | Eosinophilic Focus               |               |
|                            |  | Hematopoietic Cell Proliferation | Mild          |
|                            |  | Hepatocellular Adenoma           |               |
|                            | [ Eosinophilic Focus TGLS = 3,7-12+13 ]                                    |                                  |               |
|                            | [ Hepatocellular Adenoma TGLS = 6-11 ]                                     |                                  |               |
| * Lymph Node, Bronchial    |  | Hyperplasia                      | Mild          |
| * Lymph Node, Mediastinal  |  | Hyperplasia                      | Mild          |
| * Lymph Node, Mesenteric   |  | Lymphoma Malignant               |               |
|                            | Note: TGL 5 is apparently mesenteric lymph node not mesenteric fat per se. |                                  |               |
|                            | [ Lymphoma Malignant TGLS = 5-16 ]   |                                  |               |
| * Nose                     | Olfactory Epi  | Degeneration                     | Moderate      |
|                            | Respirat Epith   | Degeneration                     | Hyaline, Mild |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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<b>ANIMAL ID:</b> 524	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 609
	<b>DOSE:</b> 375 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 24078

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen	Olfactory Epi	Metaplasia	Mild
[ Lymphoma Malignant TGLS = 2-14 ]		Lymphoma Malignant	

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**PRIMARY CAUSE OF DEATH** - Lymph Node, Mesenteric Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 525

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Ovary	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-11 ]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Pancreas		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 526

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 631

HISTO: 24080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Lymph Node, Bronchial

OBSERVATIONS

* Heart		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 5,6-4+13 ]			
* Lung		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 1-3 ]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mediastinal		Histiocytic Sarcoma	
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 7-14 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild
* Spleen		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 3,4-11+12 ]			
* Stomach, Glandular		Ulcer	Minimal
* Uterus		Hydrometra	Mild
[ Hydrometra TGLS = 2-15 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 526

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 631

**DOSE:** 375 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 24080

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- Lung Histiocytic Sarcoma

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 527

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-11 ]			
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 528

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	Harderian Gland	* 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, Bronchial	* Lymph Node, Mediastinal
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Gallbladder	* Lymph Node, Mandibular
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild
		Cyst	Mild
* Pancreas		Histiocytic Sarcoma	
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 529

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 608

HISTO: 24083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Islets, Pancreatic	* Lymph Node, Mediastinal
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Stomach, Glandular	* Urinary Bladder		

OBSERVATIONS

Harderian Gland		Adenoma	
* Kidney			
Note: No significant lesions were seen in the kidney that would account for TGL 2 and 3.			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
	[ Hyperplasia TGLS = 4-11 ]		
* Uterus		Hydrometra	Moderate
	[ Hydrometra TGLS = 1-10 ]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 530

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 24084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 1-10 ]		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary [ Cyst TGLS = 3-7 ]		Cyst	Mild
* Pituitary Gland [ Adenoma TGLS = 2-8 ]	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 531

TRT#: 6

SEX: Female

DAY ON TEST: 572

DOSE: 375 PPM

DISP: Natural Death

HISTO: 24085

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Bone Harderian Gland \* Heart \* Skin

**MISSING**

\* Adrenal Cortex \* Adrenal Medulla \* Clitoral Gland \* Islets, Pancreatic  
\* Pancreas \* Spleen

**AUTO PRECLUDES DIAG.**

\* Bone Marrow \* Brain \* Esophagus \* Gallbladder  
\* Intestine Large, Cecum \* Intestine Large, Colon \* Intestine Large, Rectum \* Intestine Small, Duodenum  
\* Intestine Small, Ileum \* Intestine Small, Jejunum \* Kidney \* Larynx  
\* Liver \* Lung \* Lymph Node, Bronchial \* Lymph Node, Mandibular  
\* Lymph Node, Mediastinal \* Lymph Node, Mesenteric \* Mammary Gland \* Ovary  
\* Parathyroid Gland \* Pituitary Gland \* Salivary Glands \* Stomach, Forestomach  
\* Stomach, Glandular \* Thymus \* Thyroid Gland \* Trachea  
\* Urinary Bladder \* Uterus

**OBSERVATIONS**

\* Nose Olfactory Epi Degeneration Mild  
Respirat Epith Degeneration Hyaline, Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

Animal Note: Tissue staining patterns indicate possible lymphoma, but autolysis precludes dia gnosis.

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 532

TRT#: 6

SEX: Female

DAY ON TEST: 680

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
		Osteosarcoma	
	[ Osteosarcoma TGLS = 3,4-11+13 ]		
* Kidney		Osteosarcoma	Metastatic (Bone)
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Necrosis	Mild
	Note: There were no liver lesions to account for TGL 7.		
	[ Eosinophilic Focus TGLS = 5-4 ]		
	[ Hepatocellular Adenoma TGLS = 6-12 ]		
* Lung		Osteosarcoma	Metastatic (Bone)
	[ Osteosarcoma TGLS = 1,2-3 ]		
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 532

**TRT#:** 6  
**DOSE:** 375 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 680  
**HISTO:** 24086

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Uterus  
[ Hyperplasia TGLS = 8-14 ]

Hyperplasia

Cystic, Marked

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PRIMARY CAUSE OF DEATH - Bone Osteosarcoma

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 533

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 721

HISTO: 24087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* 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, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial	* Thymus
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Brain		Lymphoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-5 ]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Minimal
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Angiectasis	Moderate
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			

PRIMARY CAUSE OF DEATH

- Kidney Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 534

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland	* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

Harderian Gland [ Carcinoma TGLS = 1-10 ]		Carcinoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[ Eosinophilic Focus TGLS = 5-4 ]			
[ Hepatocellular Adenoma TGLS = 4,5,6-4+11+12 ]			
* Lung		Pigmentation	Hemosiderin, Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild
* Pituitary Gland [ Adenoma TGLS = 2-8 ]	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
* Uterus		Angiectasis	Marked
		Thrombosis	Marked
[ Thrombosis TGLS = 3-8 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 534

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 375 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 24088

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 535

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 24089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-11+12 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 536

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration Inflammation	Moderate Hyaline, Mild Suppurative, Minimal
* Ovary [ Cyst TGLS = 2-7 ]	Olfactory Epi	Metaplasia Cyst	Mild Mild
* Pituitary Gland [ Adenoma TGLS = 1-8 ]	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 537

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 733

HISTO: 24091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Thymus
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INSUFFICIENT TISSUE

\* Ovary

OBSERVATIONS

Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Kidney		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 3-5 ]		Hydronephrosis	Moderate
[ Hydronephrosis TGLS = 4-5 ]			
* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 2-4 ]			
* Lung		Hemorrhage	Mild
		Histiocytic Sarcoma	
	Alveolar Epith	Hyperplasia	Mild
[ Hemorrhage TGLS = 6,7-3 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Spleen		Histiocytic Sarcoma	
* Urinary Bladder		Histiocytic Sarcoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 537

**TRT#:** 6  
**DOSE:** 375 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 733  
**HISTO:** 24091

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Uterus

[ Histiocytic Sarcoma TGLS = 5-11 ]

Histiocytic Sarcoma

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PRIMARY CAUSE OF DEATH

- Uterus Histiocytic Sarcoma

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 538

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 693

HISTO: 24092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 12-16 ]			
* Bone Marrow		Hemangiosarcoma	
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-10 ]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	
[ Hemangiosarcoma TGLS = 6,8,9-4+11+12 ]			
[ Hepatocellular Adenoma TGLS = 7-4 ]			
Lymph Node	Iliac	Hematopoietic Cell Proliferation	Mild
	Renal	Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 10-14 ]			
[ Hematopoietic Cell Proliferation TGLS = 11-15 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
[ Angiectasis TGLS = 5-6 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane

**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 07:15:53

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

**Lab:** BNW

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**ANIMAL ID:** 538

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 693

**DOSE:** 375 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 24092

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Ovary		Atrophy	Mild
* Skin	Subcut Tiss	Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 12-16 ]			
* Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 3-4+13 ]			
[ Hematopoietic Cell Proliferation TGLS = 4-4 ]			

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**PRIMARY CAUSE OF DEATH** - Liver Hemangiosarcoma

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 539

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* 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, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Lymph Node, Mediastinal
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild
* Uterus		Polyp Stromal	

[ Polyp Stromal TGLS = 1-11 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 540

TRT#: 6

SEX: Female

DAY ON TEST: 296

DOSE: 375 PPM

DISP: Accidentally Killed

HISTO: 24094

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Bone

\* Bone Marrow

\* Brain

\* Clitoral Gland

\* Esophagus

\* Gallbladder

Harderian Gland

\* Heart

\* Intestine Large, Colon

\* Islets, Pancreatic

\* Kidney

\* Larynx

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

**MISSING**

\* Lymph Node, Bronchial

\* Lymph Node, Mediastinal

**AUTO PRECLUDES DIAG.**

\* Intestine Large, Cecum

\* Intestine Large, Rectum

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Mild

Respirat Epith

Degeneration

Hyaline, Mild

Olfactory Epi

Metaplasia

Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 541

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Clitoral Gland            | * Esophagus              |
| * Gallbladder              | Harderian Gland           | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Skin                   |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

MISSING

- |                         |          |
|-------------------------|----------|
| * Lymph Node, Bronchial | * Thymus |
|-------------------------|----------|

OBSERVATIONS

- |                                 |                |                                  |               |
|---------------------------------|----------------|----------------------------------|---------------|
| * Liver                         |                | Necrosis                         | Minimal       |
| * Lymph Node, Mediastinal       |                | Hyperplasia                      | Mild          |
| Mesentery                       |                | Hemangiosarcoma                  |               |
| [ Hemangiosarcoma TGLS = 2-11 ] |                |                                  |               |
| * Nose                          | Olfactory Epi  | Degeneration                     | Moderate      |
|                                 | Respirat Epith | Degeneration                     | Hyaline, Mild |
|                                 | Olfactory Epi  | Metaplasia                       | Mild          |
| * Ovary                         |                | Cyst                             | Mild          |
| * Salivary Glands               |                | Atrophy                          | Mild          |
| * Spleen                        |                | Hematopoietic Cell Proliferation | Mild          |
| * Uterus                        |                | Thrombosis                       | Moderate      |
| [ Thrombosis TGLS = 1-8 ]       |                |                                  |               |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 542

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* 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, Bronchial
* Lymph Node, Mediastinal	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
Mesentery	Fat	Hemorrhage	Mild
[ Hemorrhage TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 543

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Bone Marrow             | * Brain                     | * Clitoral Gland         |
| * Esophagus                | * Gallbladder             | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Liver                    | * Lung                    | * Lymph Node, Bronchial     | * Lymph Node, Mandibular |
| * Lymph Node, Mediastinal  | * Lymph Node, Mesenteric  | * Mammary Gland             | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Salivary Glands           | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |

OBSERVATIONS

- |                   |                        |                        |               |
|-------------------|------------------------|------------------------|---------------|
| * Adrenal Cortex  | Capsule                | Adenoma                |               |
| * Bone            |                        | Fibrous Osteodystrophy | Minimal       |
| Harderian Gland   |                        | Adenoma                |               |
| * Nose            | Olfactory Epi          | Degeneration           | Moderate      |
|                   | Respirat Epith         | Degeneration           | Hyaline, Mild |
|                   | Olfactory Epi          | Metaplasia             | Mild          |
| * Pituitary Gland | Pars Distalis          | Adenoma                |               |
|                   | [ Adenoma TGLS = 1-8 ] |                        |               |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 544

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 24098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 4-4 ]		
	[ Hepatocellular Adenoma TGLS = 2-11 ]		
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Marked
	[ Cyst TGLS = 1-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 545

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 679

HISTO: 24099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Bone Marrow             | * Brain                     |
| * Clitoral Gland         | * Esophagus                | * Gallbladder             | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Larynx                 | * Liver                    | * Lung                    | * Lymph Node, Mediastinal   |
| * Lymph Node, Mesenteric | * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           |
| * Salivary Glands        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |
| * Uterus                 |                            |                           |                             |

INSUFFICIENT TISSUE

- \* Lymph Node, Bronchial

OBSERVATIONS

- |                                    |                |                        |               |
|------------------------------------|----------------|------------------------|---------------|
| * Bone                             |                | Fibrous Osteodystrophy | Minimal       |
| Harderian Gland                    |                | Carcinoma              |               |
| * Lymph Node, Mandibular           |                | Hyperplasia            | Mild          |
| * Mammary Gland                    |                | Carcinoma              |               |
| [ Carcinoma TGLS = 2-11 ]          |                |                        |               |
| * Nose                             | Olfactory Epi  | Degeneration           | Mild          |
|                                    | Respirat Epith | Degeneration           | Hyaline, Mild |
|                                    | Olfactory Epi  | Metaplasia             | Mild          |
| * Ovary                            |                | Cyst                   | Mild          |
| [ Cyst TGLS = 3-7 ]                |                |                        |               |
| * Thymus                           |                | Lymphoma Malignant     |               |
| [ Lymphoma Malignant TGLS = 1-12 ] |                |                        |               |

PRIMARY CAUSE OF DEATH

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 546

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 375 PPM

DISP: Terminal Sacrifice

HISTO: 24100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
Harderian Gland		Hyperplasia	Marked
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 547

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 646

HISTO: 24101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Lymph Node, Mediastinal

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Intestine Large, Colon		Leiomyoma	
* Liver		Eosinophilic Focus	
Lymph Node		Hyperplasia	Mild
[ Hyperplasia TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 548

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 24102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Gallbladder	* Parathyroid Gland
---------------	---------------------

INSUFFICIENT TISSUE

* Lymph Node, Mediastinal
---------------------------

OBSERVATIONS

* Kidney			
Note: No lesions in the kidney to account for TGL 2.			
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-4+11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 549

TRT#: 6

SEX: Female

DAY ON TEST: 637

DOSE: 375 PPM

DISP: Moribund Sacrifice

HISTO: 24103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver			
Note: There were no liver lesions to account for TGL 1.			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Hyperplasia	Tubular, Mild
* Uterus	Myometrium	Hyperplasia	Mild
[ Hyperplasia TGLS = 2-8 ]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 550

TRT#: 6

DOSE: 375 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 24104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Hyperostosis	Mild
[ Hyperostosis TGLS = 1-11 ]			
Harderian Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 5-17,6-4 ]		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 7-12 ]			
Lymph Node	Iliac	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-13 ]			
[ Lymphoma Malignant TGLS = 10-15 ]			
[ Lymphoma Malignant TGLS = 9-14 ]			
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-3 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane

**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 07:15:53

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

**Lab:** BNW

**ANIMAL ID:** 550

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 375 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 24104

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Mild
[ Cyst TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-4 ]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[ Hyperplasia TGLS = 11-16 ]			
* Thymus		Lymphoma Malignant	
* Uterus		Angiectasis	Minimal
		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 701

TRT#: 8

SEX: Female

DAY ON TEST: 716

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Larynx	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex Note: This is a cyst, but that diagnosis is not available. [ Degeneration TGLS = 6-2 ]		Degeneration	Cystic, Mild
Harderian Gland [ Adenoma TGLS = 3-10 ]		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver [ Hepatocellular Adenoma TGLS = 8-11 ] [ Hepatocellular Carcinoma TGLS = 7-12 ]		Hepatocellular Adenoma Hepatocellular Carcinoma	
* Lung [ Alveolar/Bronchiolar Carcinoma TGLS = 1,2-3 ]		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Multiple Histiocyte, Mild
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Nose Olfactory Epi Respirat Epith Nasolacrim Dct Olfactory Epi		Degeneration Degeneration Inflammation Metaplasia	Marked Hyaline, Mild Suppurative, Mild Mild
* Ovary		Cyst	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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<b>ANIMAL ID:</b> 701	<b>TRT#:</b> 8 <b>DOSE:</b> 750 PPM	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 716 <b>HISTO:</b> 23955
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Cyst TGLS = 5-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 4-4 ]			

---

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Carcinoma

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 702

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 23956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* 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, Bronchial
* Lymph Node, Mediastinal	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

\* Clitoral Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Lymph Node	Iliac	Hyperplasia	Mild
[ Hyperplasia TGLS = 4-12 ]			
* Lymph Node, Mandibular		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Marked
		Thrombosis	Moderate
[ Cyst TGLS = 2-7 ]			
[ Thrombosis TGLS = 1-7 ]			
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 703

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 706

HISTO: 23957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

Harderian Gland		Fibrosis	Focal, Mild
* Heart		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mediastinal		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3+11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Ulcer	Minimal
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-11 ]			

PRIMARY CAUSE OF DEATH

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 704

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 687

HISTO: 23958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

\* Lymph Node, Bronchial

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Marked
Harderian Gland		Adenoma	
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[ Hepatocellular Adenoma TGLS = 3-11 ]	
		[ Hepatocellular Carcinoma TGLS = 1-12 ]	
Mesentery		Hemangioma	
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Mild
		Cystadenoma	
		[ Cystadenoma TGLS = 2-13 ]	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Ovary Cystadenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 705

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Parathyroid Gland

INSUFFICIENT TISSUE

\* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1,4-11 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-12 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hydrometra	Moderate
[ Hydrometra TGLS = 3-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 706

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 23960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

Harderian Gland		Adenoma	
		Carcinoma	
[ Adenoma TGLS = 1-10 ]			
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 3-4 ]			
* Lymph Node, Mandibular		Hyperplasia	Moderate
[ Hyperplasia TGLS = 4-7 ]			
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[ Hyperplasia TGLS = 2-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 707

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 23961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
Note: Recut did not find TGL 2, but recheck of wet tissue found the lesion on the left liver lobe (TGL 2). [ Eosinophilic Focus TGLS = 2-11 ]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Mild
* Pancreas		Atrophy	Marked
	Duct	Cyst	Moderate
[ Cyst TGLS = 1-4 ]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Glandular		Degeneration	Hyaline, Minimal
* Thymus		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 708

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 23962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

\* Clitoral Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 1-4,4-11 ]		
* Lymph Node, Mandibular		Hyperplasia	Marked
	[ Hyperplasia TGLS = 5-7 ]		
Mesentery	Fat	Necrosis	Mild
	Note: TGL 2 is mesenteric fat necrosis adhered to liver capsule.		
	[ Necrosis TGLS = 2-12 ]		
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Moderate
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Moderate
* Ovary		Atrophy	Mild
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 3-4 ]		
* Thymus		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 708

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 750 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 23962

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

**ANIMAL ID:** 709

**TRT#:** 8  
**DOSE:** 750 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 638  
**HISTO:** 23963

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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**INSUFFICIENT TISSUE**

\* Gallbladder

**OBSERVATIONS**

* Clitoral Gland			
Note: No significant lesions were seen in the clitoral gland that would explain TGL 1.			
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Luteoma	
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 4-12+13 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 5-4 ]			
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-8 ]			

**PRIMARY CAUSE OF DEATH** - Skin Subcut Tiss Sarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 710

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 23964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
Note: TGL 5 is adrenal gland. There is a cortical cyst.			
Note: This is a cyst, but that diagnosis is not available.			
[ Degeneration TGLS = 5-12 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
[ Hepatocellular Carcinoma TGLS = 2,3-4 ]			
[ Lymphoma Malignant TGLS = 4-4 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Pancreatic	Hyperplasia	Marked
	Renal	Hyperplasia	Marked
[ Hyperplasia TGLS = 6-13 ]			
[ Hyperplasia TGLS = 7-14 ]			
* Lymph Node, Bronchial		Lymphoma Malignant	
* Lymph Node, Mediastinal		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Moderate
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane

**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 07:15:53

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

**Lab:** BNW

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**ANIMAL ID:** 710

**TRT#:** 8

**DOSE:** 750 PPM

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 736

**HISTO:** 23964

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Lymphoma Malignant TGLS = 1-4 ]	Lymphoma Malignant
* Stomach, Forestomach Note: TGL 8 is in forestomach, not glandular. [ Squamous Cell Papilloma TGLS = 8-11 ]	Squamous Cell Papilloma
* Thymus	Lymphoma Malignant

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 711

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 23965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Thymus		Hyperplasia	Lymphoid, Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 712

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

Harderian Gland [ Carcinoma TGLS = 2-10 ]		Carcinoma	Multiple
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Marked
* Liver [ Hepatocellular Adenoma TGLS = 1-4 ]		Basophilic Focus Hepatocellular Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 713

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1,2-4+11 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 3-3 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild
		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 714

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

\* Clitoral Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-4 ]			
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Mild
* Uterus		Hydrometra	Mild
[ Hydrometra TGLS = 2-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 715

TRT#: 8

SEX: Female

DAY ON TEST: 721

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23969

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	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Gallbladder

OBSERVATIONS

Harderian Gland		Adenoma	Multiple
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 4-12 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-11 ]		
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLS = 3-13 ]		
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Moderate
		Polyp Stromal	
	[ Hydrometra TGLS = 2-8 ]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 716

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Adrenal Medulla
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild
		Cystadenoma	
[ Cystadenoma TGLS = 3-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 716

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 750 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 23970

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 717

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Lymph Node, Mediastinal

INSUFFICIENT TISSUE

\* Clitoral Gland

OBSERVATIONS

Harderian Gland		Adenoma	
* Liver		Hepatocellular Adenoma	Multiple
Note: No liver lesion was seen that could account for TGL 3. [ Hepatocellular Adenoma TGLS = 2,5-4+11 ]			
* Nose	Olfactory Epi Respirat Epith Olfactory Epi	Degeneration Degeneration Metaplasia Hyperplasia	Moderate Hyaline, Mild Mild Lymphoid, Mild
* Spleen			
[ Hyperplasia TGLS = 1-4 ]			
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Hydrometra Polyp Stromal	Moderate
[ Hydrometra TGLS = 4-8 ] [ Polyp Stromal TGLS = 4-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 718

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23972

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	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Gallbladder	* Lymph Node, Bronchial
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OBSERVATIONS

Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 719

TRT#: 8

SEX: Female

DAY ON TEST: 426

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

\* Clitoral Gland

OBSERVATIONS

\* Kidney

Note: Significant lesions were not seen in the kidney to account for TGL 2.

\* Liver

Hepatocellular Adenoma  
Hepatocellular Carcinoma

[ Hepatocellular Carcinoma TGLS = 1-10+11 ]

\* Lung

Alveolar/Bronchiolar Adenoma

\* Nose

Olfactory Epi  
Respirat Epith  
Olfactory Epi

Degeneration  
Degeneration  
Metaplasia

Moderate  
Hyaline, Mild

\* Stomach, Glandular

Ulcer

Minimal

\* Thymus

Necrosis

Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 720

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 23974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[ Eosinophilic Focus TGLS = 7-11 ]		
	[ Hepatocellular Adenoma TGLS = 5,8-4 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Infiltration Cellular	Histiocyte, Marked
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2,3-3 ]		
	[ Infiltration Cellular TGLS = 6-3 ]		
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Moderate
* Skin		Cyst Epithelial Inclusion	
	[ Cyst Epithelial Inclusion TGLS = 4-13 ]		
* Stomach, Forestomach		Squamous Cell Papilloma	
	[ Squamous Cell Papilloma TGLS = 9-12 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hydrometra	Moderate
	[ Hydrometra TGLS = 1-8 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 720

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 750 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 23974

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 721

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 23975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Lymph Node, Mediastinal

OBSERVATIONS

* Esophagus	Epithelium	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
		[ Hyperplasia TGLS = 1-4 ]	
* Uterus		Hydrometra	Mild
		[ Hydrometra TGLS = 2-8 ]	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 722

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Brain
- Harderian Gland
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Lymph Node, Bronchial
- \* Mammary Gland
- \* Skin
- \* Thyroid Gland

- \* Adrenal Medulla
- \* Clitoral Gland
- \* Heart
- \* Intestine Small, Duodenum
- \* Kidney
- \* Lymph Node, Mandibular
- \* Pancreas
- \* Stomach, Forestomach
- \* Trachea

- \* Bone
- \* Esophagus
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Larynx
- \* Lymph Node, Mediastinal
- \* Parathyroid Gland
- \* Stomach, Glandular
- \* Urinary Bladder

- \* Bone Marrow
- \* Gallbladder
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lung
- \* Lymph Node, Mesenteric
- \* Salivary Glands
- \* Thymus

MISSING

- \* Ovary

OBSERVATIONS

- \* Liver
  - \* Nose
  - \* Pituitary Gland
  - \* Spleen
  - [ Hyperplasia TGLS = 1,2-4 ]
  - \* Uterus
  - [ Hydrometra TGLS = 3-8 ]
- Hepatocellular Adenoma
- Degeneration
- Degeneration
- Metaplasia
- Hyperplasia
- Hyperplasia
- Hydrometra
- Moderate
- Hyaline, Mild
- Mild
- Mild
- Lymphoid, Mild
- Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 723

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Liver		Inflammation	Chronic, Mild
[ Inflammation TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 724

TRT#: 8

SEX: Female

DAY ON TEST: 553

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* 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	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Sarcoma	Metastatic (Skin)
* Lung		Sarcoma	Metastatic (Skin)
Lymph Node	Renal	Hyperplasia	Mild
[ Hyperplasia TGLS = 2-11 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Minimal
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 1-10+12 ]			

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 725

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

Harderian Gland		Adenoma	
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1,2,3-4+11 ]			
* Lung		Hemorrhage	Mild
[ Hemorrhage TGLS = 5-3 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[ Hyperplasia TGLS = 4-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 726

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Gallbladder			
Note: TGL 3 is probably fat as indicated in the IANR note.			
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 4-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Marked
[ Cyst TGLS = 1-7 ]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 727

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 23981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 4-4A+4B ]		
	[ Hepatocellular Adenoma TGLS = 2-11 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-3 ]		
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Marked
	[ Hydrometra TGLS = 3-8 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 728

TRT#: 8

SEX: Female

DAY ON TEST: 699

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

\* Clitoral Gland

OBSERVATIONS

Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-10 ]			
* Heart		Cardiomyopathy	Minimal
* Liver		Angiectasis	Marked
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[ Angiectasis TGLS = 5-12 ]			
[ Hepatocellular Adenoma TGLS = 3-4 ]			
[ Hepatocellular Carcinoma TGLS = 4-11 ]			
* Lung			
Note: Lung congestion accounts for TGL 1 but it is not considered a significant lesion to diagnose in a moribund animal.			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 729

TRT#: 8

SEX: Female

DAY ON TEST: 657

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

Harderian Gland

Note: TGL 1 was not verified even after the Harderian gland was recut.

* Heart		Thrombosis	Marked
* Kidney	Renal Tubule	Degeneration	Moderate
		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
[ Degeneration TGLS = 3-5 ]			
* Lung		Hemorrhage	Marked
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Moderate
* Ovary		Cystadenocarcinoma	
[ Cystadenocarcinoma TGLS = 2-7 ]			
* Stomach, Forestomach		Angiectasis	Mild
[ Angiectasis TGLS = 4-11 ]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 730

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

\* Ovary

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney			
Note: No renal lesions seen to account for TGL 3.			
* Liver		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
Note: TGL 1 not found even on recut.			
[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 731

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 603

HISTO: 23985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Esophagus

AUTO PRECLUDES DIAG.

\* Intestine Small, Jejunum

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 12-16 ]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 5,6,7-10+12 ]			
[ Hepatocellular Carcinoma TGLS = 8-11 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Iliac	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 9-13 ]			
* Lymph Node, Bronchial		Lymphoma Malignant	
Note: TGL 1 is enlarged bronchial lymph node not lung mass.			
[ Lymphoma Malignant TGLS = 1-3 ]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 10-14 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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<b>ANIMAL ID:</b> 731	<b>TRT#:</b> 8 <b>DOSE:</b> 750 PPM	<b>SEX:</b> Female <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 603 <b>HISTO:</b> 23985
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Mesentery [ Necrosis TGLS = 11-15 ]	Fat	Necrosis	Marked
* Nose	Olfactory Epi Respirat Epith Olfactory Epi	Degeneration Degeneration Metaplasia	Moderate Hyaline, Moderate Mild
* Spleen		Lymphoma Malignant	
* Uterus [ Hydrometra TGLS = 3-8 ]		Hydrometra	Mild

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PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 732

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23986

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Marked
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 733

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 51

HISTO: 23987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Urinary Bladder		

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Teratoma Benign	
	[ Teratoma Benign TGLS = 1-10 ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLS = 2-4 ]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 734

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: 23988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[ Eosinophilic Focus TGLS = 4-4 ]		
	[ Hepatocellular Adenoma TGLS = 1,2,5-4+11+12+13 ]		
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Moderate
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Mild
* Pancreas		Atrophy	Marked
	Duct	Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hyperplasia	Lymphoid, Marked
	Note: TGL 3 is thymus, not lymph node.		
	[ Hyperplasia TGLS = 3-3 ]		
* Uterus		Polyp Stromal	
	[ Polyp Stromal TGLS = 6-8 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 734

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 750 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 23988

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 735

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 729

HISTO: 23989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 12-6+18 ]			
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 11-6+18 ]			
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	Multiple
Note: Recut in wet tissue to get TGL 8 on slide 19.			
[ Hepatocellular Carcinoma TGLS = 8,9,10-14+15+19 ]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
[ Alveolar/Bronchiolar Adenoma TGLS = 2-3+11 ]			
[ Hepatocellular Carcinoma TGLS = 3,4-12+13 ]			
Lymph Node	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-17 ]			
* Lymph Node, Bronchial		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-3 ]			
* Lymph Node, Mediastinal		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-16 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane

**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 07:15:53

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

**Lab:** BNW

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**ANIMAL ID:** 735

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 750 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 23989

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Ovary	Olfactory Epi	Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Atrophy	Minimal
* Spleen		Adenoma	
* Uterus		Lymphoma Malignant	
		Inflammation	Suppurative, Mild

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**PRIMARY CAUSE OF DEATH** - Lymph Node, Mesenteric Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 736

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 23990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
Harderian Gland		Adenoma	Multiple
[ Adenoma TGLS = 1-10 ]			
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 3-3 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Moderate
* Ovary		Cyst	Marked
[ Cyst TGLS = 5-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hydrometra	Mild
[ Hydrometra TGLS = 4-8 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 737

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 23991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland	* Lymph Node, Mediastinal
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OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 3-10 ]		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver [ Hepatocellular Adenoma TGLS = 5-4 ] [ Hepatocellular Carcinoma TGLS = 4-11 ]		Hepatocellular Adenoma Hepatocellular Carcinoma	
* Nose	Olfactory Epi Respirat Epith Olfactory Epi	Degeneration Degeneration Metaplasia	Marked Hyaline, Marked Moderate
* Spleen [ Hematopoietic Cell Proliferation TGLS = 2-4 ]		Hematopoietic Cell Proliferation	Mild
* Thymus [ Lymphoma Malignant TGLS = 1-2 ]		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 738

TRT#: 8

SEX: Female

DAY ON TEST: 632

DOSE: 750 PPM

DISP: Moribund Sacrifice

HISTO: 23992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

\* Lymph Node, Mandibular

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-11 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 739

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 23993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Lymph Node, Mesenteric
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[ Eosinophilic Focus TGLS = 4-12 ]		
	[ Hepatocellular Adenoma TGLS = 2,3,4-4+12+13 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-11 ]		
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Mild
	[ Cyst TGLS = 5-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 740

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 23994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

INSUFFICIENT TISSUE

\* Parathyroid Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 1-10 ]			
* Liver		Hepatocellular Adenoma	Multiple
Note: TGL 2 is a liver mass not mesentery.			
[ Hepatocellular Adenoma TGLS = 2,4,5,6-4+11+13+14 ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-12 ]			
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Moderate
* Ovary		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 741

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 23995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	Oral Mucosa	* Ovary	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

\* Parathyroid Gland

OBSERVATIONS

Harderian Gland [ Adenoma TGLS = 2-10 ]		Adenoma	Multiple
* Heart		Cardiomyopathy	Minimal
* Liver [ Eosinophilic Focus TGLS = 6-11 ] [ Hepatocellular Adenoma TGLS = 5-12 ]		Eosinophilic Focus Hepatocellular Adenoma	
* Lymph Node, Mandibular [ Hyperplasia TGLS = 1-7 ]		Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Pancreas	Duct	Cyst	Moderate
		Necrosis	Minimal
[ Cyst TGLS = 4-13 ]			
* Pituitary Gland [ Adenoma TGLS = 3-8 ]	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 741

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 750 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 23995

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 742

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3-4+11 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
[ Angiectasis TGLS = 4-6 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-12 ]			
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 743

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 23997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-11 ]			
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Moderate
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

**ANIMAL ID:** 744

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 503

**DOSE:** 750 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 23998

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Larynx	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 4-12 ]		
	[ Hepatocellular Carcinoma TGLS = 5-13 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Infiltration Cellular	Histiocyte, Moderate
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2,3-3+10+11 ]		
* Lym Node Mand			
	Note: No changes were seen in the mandibular lymphnode that would account for TGL 1.		
* Lymph Node, Bronchial		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Minimal
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

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

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 745

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 23999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

\* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration Hyperplasia	Cystic, Mild Marked
Note: This is a cyst, but that diagnosis is not available.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1,2-4+11 ]			
* Lung	Mediastinum	Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 746

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: 24000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

\* Clitoral Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[ Hepatocellular Adenoma TGLS = 2,3-4+11 ]		
	[ Mixed Cell Focus TGLS = 1-4 ]		
* Lymph Node, Mesenteric		Angiectasis	Mild
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 4-12 ]		
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 747

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 24001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

\* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Diverticulum	
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Minimal
[ Hepatocellular Adenoma TGLS = 2-13 ]			
[ Vacuolization Cytoplasmic TGLS = 3-4 ]			
* Lung	Perivascular	Inflammation	Chronic, Minimal
Lymph Node	Renal	Lymphoma Malignant	
Note: TGL 1 is apparently renal lymph node since kidney is not significantly involved.			
[ Lymphoma Malignant TGLS = 1-11+12 ]			
* Mammary Gland		Hyperplasia	Minimal
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 747

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 750 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 24001

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 748

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 737

HISTO: 24002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 4-4 ]			
* Lung			
Note: Recut did not find TGL 5.			
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Adenoma	
[ Adenoma TGLS = 3-8 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 749

TRT#: 8

SEX: Female

DAY ON TEST: 737

DOSE: 750 PPM

DISP: Terminal Sacrifice

HISTO: 24003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

\* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
		Hyperplasia	Minimal
	[ Adenoma TGLS = 1-10 ]		
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 2-11 ]		
	[ Hepatocellular Adenoma TGLS = 3-4 ]		
* Lung		Pigmentation	Hemosiderin, Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Degeneration	Hyaline, Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05200-06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitromethane

CAS Number: 75-52-5

Date Report Requested: 10/16/2014

Time Report Requested: 07:15:53

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 750

TRT#: 8

DOSE: 750 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 736

HISTO: 24004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla         | * Bone Marrow               | * Brain                  | * Esophagus                |
| * Gallbladder             | Harderian Gland             | * 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, Mediastinal | * Mammary Gland             | * Parathyroid Gland      | * Pituitary Gland          |
| * Salivary Glands         | * Skin                      | * Spleen                 | * Stomach, Forestomach     |
| * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          | * Trachea                  |
| * Urinary Bladder         |                             |                          |                            |

MISSING

- \* Clitoral Gland

OBSERVATIONS

- |   |                |                        |                   |
|---|----------------|------------------------|-------------------|
| * Adrenal Cortex  | Capsule        | Adenoma                |                   |
| * Bone  |                | Fibrous Osteodystrophy | Minimal           |
| * Heart   |                | Cardiomyopathy         | Minimal           |
| * Kidney  |                | Nephropathy            | Minimal           |
| * Liver   |                | Hepatocellular Adenoma |                   |
| [ Hepatocellular Adenoma TGLS = 2-4 ]   |                |                        |                   |
| * Lym Node Media  |                |                        |                   |
| Note: No lesions were present in the mediastinal lymph node to account for TGL 4. |                |                        |                   |
| * Lymph Node, Bronchial   |                | Hyperplasia            | Mild              |
| [ Hyperplasia TGLS = 3-3 ]  |                |                        |                   |
| * Lymph Node, Mesenteric  |                | Hyperplasia            | Mild              |
| * Nose  | Olfactory Epi  | Degeneration           | Moderate          |
|   | Respirat Epith | Degeneration           | Hyaline, Moderate |
|   | Olfactory Epi  | Metaplasia             | Mild              |
| * Ovary   |                | Atrophy                | Mild              |
| * Pancreas  |                | Basophilic Focus       |                   |
| * Uterus  |                | Hyperplasia            | Cystic, Marked    |
| [ Hyperplasia TGLS = 1-8 ]  |                |                        |                   |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05200-06  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Nitromethane  
**CAS Number:** 75-52-5

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 07:15:53  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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**ANIMAL ID:** 750

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 750 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 24004

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**\*\* END OF REPORT \*\***