

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>C Number:</b>	C61778B
<b>Lock Date:</b>	02/19/1992
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	11/24/1992

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53632
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**MISSING**

\* Pituitary Gland

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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8,2-8 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53633

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

OBSERVATIONS

* Kidney	Renal Tubule Cortex Renal Tubule	Casts Cyst Regeneration Hepatocellular Adenoma Hepatocellular Carcinoma	Mild Moderate Minimal
* Liver	[ Hepatocellular Adenoma TGLS = 2-22 ] [ Hepatocellular Carcinoma TGLS = 1-21 ]	Hepatocellular Carcinoma Hematopoietic Cell Proliferation	Metastatic (Liver)
* Lung			Mild
* Spleen			Mild
* Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 3	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 90-53634
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ORGAN AND ACCOUNTABLE SITE STATUS

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

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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53635

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	Mild
		Hepatocellular Carcinoma	
[ Clear Cell Focus TGLS = 3-22 ]			
[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1 ]			
Lymph Node	Pancreatic	Mineralization	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-6-1 ]			
* Stomach, Forestomach		Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53636
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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
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-21 ]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[ Alveolar/Bronchiolar Adenoma TGLS = 2,2-1 ]		
* Lymph Node, Mesenteric		Angiectasis	Mild
* Preputial Gland	Duct	Cyst	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 720 <b>HISTO:</b> 90-53637
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 660

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: 90-52601

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		[ Hematopoietic Cell Proliferation TGLS = 4-23 ]	
		[ Hepatocellular Adenoma TGLS = 3-22 ]	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Subacute, Moderate
		[ Inflammation TGLS = 2-8 ]	
* Skin	Subcut Tiss	Abscess	Marked
		[ Abscess TGLS = 1-21 ]	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53638
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 1-6 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 720

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: 90-53639

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

OBSERVATIONS

Coagulating Gland [ Dilatation TGLS = 4-7-2 ]		Dilatation	Marked
Eye [ Cataract TGLS = 1-24 ]		Cataract	Mild
Harderian Gland [ Adenoma TGLS = 8-25 ]		Adenoma	
* Kidney	Renal Tubule	Mineralization	Minimal
		Regeneration	Minimal
		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 5-21,6-22,7-23 ]			
* Preputial Gland	Duct	Cyst	Mild
* Seminal Vesicle [ Dilatation TGLS = 3-7-1,3-7-2 ]		Dilatation	Marked

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53640

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

**OBSERVATIONS**

* Kidney	Renal Tubule Cortex	Casts Cyst Fibrosis	Mild Mild Mild
* Liver	Renal Tubule	Regeneration Eosinophilic Focus Hepatocellular Adenoma Necrosis	Mild Moderate Moderate
	[ Eosinophilic Focus TGLS = 6-24 ] [ Hepatocellular Adenoma TGLS = 1-21,21-1 ] [ Necrosis TGLS = 2-22 ]		
* Lymph Node, Mesenteric		Angiectasis	Minimal
	[ Angiectasis TGLS = 4-5 ]		
* Preputial Gland	Duct	Cyst	Mild
	[ Cyst TGLS = 3-8 ]		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 11	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 90-53641
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ORGAN AND ACCOUNTABLE SITE STATUS

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NORMAL

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

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OBSERVATIONS

* Kidney		Infarct	Mild
		Mineralization	Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 12	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53642
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Preputial Gland	Duct	Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: p-Nitrobenzoic acid  
 CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
 Time Report Requested: 22:00:41  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 13                      TRT#: 1                      SEX: Male                      DAY ON TEST: 730  
 DOSE: 0.0%                      DISP: Terminal Sacrifice                      HISTO: 90-53643

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Kidney		Infarct	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-21 ]			
* Preputial Gland	Duct	Cyst	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53644

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

MISSING

\* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8,2-8 ]			
* Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 3-21 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 15	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 90-53645
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Subacute, Moderate
	[ Cyst TGLS = 1-8 ]		
	[ Inflammation TGLS = 1-8 ]		
* Thymus		Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 16

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53646

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Infarct	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Mixed Cell Focus	Mild
		Regeneration	Moderate
Note: TISSUE NOS/MESENTERY IS LIVER			
[ Mixed Cell Focus TGLS = 3-22 ]			
[ Regeneration TGLS = 1-21 ]			
* Preputial Gland	Duct	Cyst	Mild
* Testes	Interstit Cell	Adenoma	
* Thyroid Gland	Follicular Cel	Adenoma	
[ Adenoma TGLS = 2-3 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 17	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53647
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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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Kidney	Renal Tubule	Casts	Mild
		Fibrosis	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 3-21 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Inguinal	Angiectasis	Moderate
	[ Angiectasis TGLS = 1-8 ]		
* Preputial Gland	Duct	Cyst	Mild
	[ Cyst TGLS = 2-8 ]		
Skeletal Muscle		Hemangiosarcoma	
	[ Hemangiosarcoma TGLS = 5-22 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 4-6 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 18	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Natural Death	DAY ON TEST: 532 HISTO: 89-51361
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3-23,4-24 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 19	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 666
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 90-52602

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

**OBSERVATIONS**

* Bone Marrow		Hypercellularity	Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Moderate
[ Regeneration TGLS = 4-5 ]			
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
[ Angiectasis TGLS = 5-5 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 6-22 ]			
* Pancreas	Duct	Cyst	Moderate
		Inflammation	Chronic, Moderate
[ Cyst TGLS = 2-21 ]			
[ Inflammation TGLS = 3-7 ]			
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperplasia	Mild
[ Hyperplasia TGLS = 7-23 ]			
* Stomach, Glandular		Ulcer	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 20

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53648

**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	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Intestine Small, Jejunum [ Adenocarcinoma TGLS = 3-22 ]		Adenocarcinoma	
* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric [ Angiectasis TGLS = 2-5 ]		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53649

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
[ Angiectasis TGLS = 2-5 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53650

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

**MISSING**

\* Thymus

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
* Liver		Necrosis	Moderate
[ Necrosis TGLS = 1-21 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 2-8 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 23

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53651

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

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Cortex	Cyst	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 2-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

<b>ANIMAL ID:</b> 24	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53652
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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
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Angiectasis	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 25	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 90-53653
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Moderate
[ Eosinophilic Focus TGLS = 2-21 ]			
* Lymph Node, Mesenteric		Angiectasis	Minimal
[ Angiectasis TGLS = 3-22 ]			
* Pituitary Gland	Pars Distalis	Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 419

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: 89-50955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Brain
- \* Heart
- \* Intestine Small, Duodenum
- \* Liver
- \* Mammary Gland
- \* Pituitary Gland
- \* Seminal Vesicle
- \* Testes

- \* Adrenal Medulla
- \* Epididymis
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Lung
- \* Nose
- \* Preputial Gland
- \* Skin
- \* Trachea

- \* Bone
- \* Esophagus
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lymph Node, Mandibular
- \* Pancreas
- \* Prostate
- \* Spleen
- \* Urinary Bladder

- \* Bone Marrow
- \* Gallbladder
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Lymph Node, Mesenteric
- \* Parathyroid Gland
- \* Salivary Glands
- \* Stomach, Glandular

OBSERVATIONS

- \* Kidney
- \* Stomach, Forestomach

Mineralization  
Hyperplasia  
Inflammation

Minimal  
Moderate  
Subacute, Moderate

[ Hyperplasia TGLS = 3-22 ]  
[ Inflammation TGLS = 3-22 ]

- \* Thymus
- \* Thyroid Gland

Atrophy  
Carcinoma

Moderate

[ Carcinoma TGLS = 2-3 ]

C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: 90-53654

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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Small, Jejunum [ Adenocarcinoma TGLS = 3-21 ]		Adenocarcinoma	
* Kidney	Cortex	Cyst	Mild
	Renal Tubule	Mineralization	Minimal
		Regeneration	Minimal
* Liver [ Hepatocellular Adenoma TGLS = 4-22 ]		Hepatocellular Adenoma	
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland [ Cyst TGLS = 1-8 ]	Duct	Cyst	Mild
* Spleen [ Hematopoietic Cell Proliferation TGLS = 2-6 ]		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 29

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53656

**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, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 2-21 ]		
* Kidney		Infarct	Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 1-5 ]		
* Preputial Gland		Inflammation	Subacute, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 30	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53657
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**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Gallbladder

**OBSERVATIONS**

* Kidney	Renal Tubule	Casts	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	Moderate
		Necrosis	Marked
		Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 1-21,1-21-1 ]		
	[ Mixed Cell Focus TGLS = 3-23 ]		
	[ Necrosis TGLS = 2-22 ]		
	[ Vacuolization Cytoplasmic TGLS = 4-24 ]		
* Spleen		Hemangiosarcoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 31	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53658
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Subacute, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53659

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

---

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Metaplasia	Osseous, Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 33

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 537

**DOSE:** 0.0%

**DISP:** Moribund Sacrifice

**HISTO:** 89-51362

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

**MISSING**

\* Gallbladder

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
		Necrosis	Minimal
	[ Hepatocellular Adenoma TGLS = 3-21 ]		
* Preputial Gland	Duct	Cyst	Mild
* Stomach, Forestomach		Hyperplasia	Minimal
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 34	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53660

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	Moderate
	[ Hepatocellular Adenoma TGLS = 1-21 ]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Preputial Gland		Inflammation	Subacute, Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 35	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53661

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 2-8 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 36	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53662
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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
* Liver	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Kidney	Cortex	Cyst	Minimal
		Infarct	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[ Alveolar/Bronchiolar Adenoma TGLS = 3-2-1 ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLS = 2-5 ]		
* Preputial Gland	Duct	Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53663

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-21,1-21-1 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 3-2-1 ]		
* Lymph Node, Mesenteric		Angiectasis	Moderate
	[ Angiectasis TGLS = 2-5 ]		
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 39

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53665

**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	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Intestine Small, Jejunum [ Adenocarcinoma TGLS = 1-21 ]		Adenocarcinoma	
* Kidney	Cortex	Cyst	Mild
	Renal Tubule	Mineralization	Minimal
* Lung	Alveolar Epith	Regeneration	Minimal
* Preputial Gland	Duct	Hyperplasia	Moderate
		Cyst	Mild
		Inflammation	Subacute, Moderate
[ Inflammation TGLS = 2-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach [ Hyperplasia TGLS = 3-4-1 ]		Hyperplasia	Mild
* Stomach, Glandular		Ulcer	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 40	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53666
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Infarct	Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Preputial Gland		Inflammation	Subacute, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 41	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53667

**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, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Bone Marrow		Hypercellularity	Moderate
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 7-24 ]		
* Liver		Hepatocellular Carcinoma	
		Mixed Cell Focus	Marked
	[ Hepatocellular Carcinoma TGLS = 9-26,12-28,3-21,3-21-1 ]		
	[ Mixed Cell Focus TGLS = 8-25 ]		
Lymph Node	Iliac	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 4-22,5-23,6-5 ]		
	[ Lymphoma Malignant Lymphocytic TGLS = 4-22,5-23,6-5 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 4-22,5-23,6-5 ]		
* Preputial Gland	Duct	Cyst	Mild
	[ Cyst TGLS = 1-8 ]		
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
	[ Hemangiosarcoma TGLS = 11-27 ]		
	[ Hematopoietic Cell Proliferation TGLS = 10-6 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 42

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53668

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
		Angiectasis	Moderate
* Lymph Node, Mesenteric [ Angiectasis TGLS = 4-5 ]			
* Preputial Gland [ Cyst TGLS = 3-8-1 ]	Duct	Cyst	Moderate
* Spleen [ Hemangiosarcoma TGLS = 1-21 ]		Hemangiosarcoma	
* Thyroid Gland	Follicle	Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53669

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 3-21 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 5-2-1 ]		
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLS = 4-5,2-8 ]		
* Lymph Node, Mesenteric		Angiectasis	Mild
		Hyperplasia	Lymphoid, Mild
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Subacute, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 44	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b> 90-53670
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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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Subacute, Mild
[ Cyst TGLS = 2-8 ]			
[ Inflammation TGLS = 2-8 ]			
* Skin		Hemangiosarcoma	
Note: TISSUE NOS IS SKIN			
[ Hemangiosarcoma TGLS = 1-21 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 45	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53671

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

**OBSERVATIONS**

* Kidney	Renal Tubule Cortex	Casts Cyst Fibrosis Glomerulosclerosis	Moderate Mild Mild Mild
* Liver	Renal Tubule	Regeneration Hepatocellular Carcinoma	Moderate Multiple
[ Hepatocellular Carcinoma TGLS = 4,5-21+21-1+22+22-1 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 2-8,3-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Inflammation	Subacute, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 46	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53672
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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
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

**MISSING**

* Pituitary Gland	* Thymus
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**OBSERVATIONS**

* Kidney	Renal Tubule	Casts Fibrosis Glomerulosclerosis	Moderate Mild Mild
* Liver	Renal Tubule	Regeneration Eosinophilic Focus Hepatocellular Carcinoma	Mild Mild Multiple
	[ Hepatocellular Carcinoma TGLS = 2,3-21+21-1+22+22.1+22-1+22-1.1 ]		
* Lymph Node, Mesenteric		Angiectasis Atrophy	Moderate Moderate
	[ Angiectasis TGLS = 7-5 ]		
* Preputial Gland	Duct	Cyst Inflammation	Mild Subacute, Mild
	[ Cyst TGLS = 1-8 ] [ Inflammation TGLS = 1-8 ]		
* Prostate		Atrophy	Mild
	[ Atrophy TGLS = 6-7 ]		
* Seminal Vesicle		Atrophy	Moderate
	[ Atrophy TGLS = 5-7 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 46

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53672

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hematopoietic Cell Proliferation TGLS = 4-6 ]

\* Thyroid Gland

Follicular Cel

Hyperplasia

Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 47

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53673

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

**OBSERVATIONS**

* Adrenal Cortex	Hypertrophy	Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 48	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 675 <b>HISTO:</b> 90-52820
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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
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Pituitary Gland	* Thymus
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**OBSERVATIONS**

* Kidney		Infarct	Mild
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 1-21 ] [ Hepatocellular Carcinoma TGLS = 1-22 ]		
* Lung	Alveolar Epith	Hepatocellular Carcinoma Hyperplasia	Metastatic (Liver) Moderate
* Lymph Node, Mesenteric		Angiectasis	Moderate
* Preputial Gland	Duct	Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

<b>ANIMAL ID:</b> 49	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53674
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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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Pituitary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Casts	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	Mild
		Vacuolization Cytoplasmic	Minimal
		[ Hepatocellular Adenoma TGLS = 1-21,1-21-1,2-22 ]	
		[ Mixed Cell Focus TGLS = 4-23 ]	
		[ Vacuolization Cytoplasmic TGLS = 3-6 ]	
* Preputial Gland	Duct	Cyst	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 50

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 597

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 90-51578

**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	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex		Sarcoma	Metastatic (Mesentery)
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 6-23 ]		
	[ Hepatocellular Carcinoma TGLS = 5-22 ]		
* Lung		Inflammation	Granulomatous, Mild
* Lymph Node, Mesenteric		Angiectasis	Mild
	[ Angiectasis TGLS = 4-5 ]		
Mesentery		Sarcoma	
	[ Sarcoma TGLS = 3-21 ]		
* Pancreas		Sarcoma	Metastatic (Mesentery)
* Spleen		Atrophy	Mild
	[ Atrophy TGLS = 2-6 ]		
* Stomach, Forestomach		Hyperplasia	Mild
		Ulcer	Mild
* Stomach, Glandular		Sarcoma	Metastatic (Mesentery)
	[ Sarcoma TGLS = 8-4-1 ]		
* Thymus		Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 50	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 597
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Natural Death	<b>HISTO:</b> 90-51578

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 51	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Scheduled Sacrifice	<b>DAY ON TEST:</b> 456 <b>HISTO:</b> 89-50956
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

Eye	Retrobulbar	Hemorrhage	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 52	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 456
	<b>DOSE:</b> 0.0%	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 89-50957

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE





**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 54

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.0%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50959

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 55	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 89-50960
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Vacuolization Cytoplasmic	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 56	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Scheduled Sacrifice	<b>DAY ON TEST:</b> 456 <b>HISTO:</b> 89-50961
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 2-8 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 57

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.0%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50962

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Mixed Cell Focus	Moderate

[ Mixed Cell Focus TGLS = 1-21 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 58	<b>TRT#:</b> 1 <b>DOSE:</b> 0.0%	<b>SEX:</b> Male <b>DISP:</b> Scheduled Sacrifice	<b>DAY ON TEST:</b> 456 <b>HISTO:</b> 89-50963
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[ Hepatocellular Adenoma TGLS = 3-21 ]		
* Preputial Gland	Duct	Cyst	Mild
	[ Cyst TGLS = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 2-6 ]		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 59

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.0%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50964

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 60	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 89-50965
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ORGAN AND ACCOUNTABLE SITE STATUS

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

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OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2-6+21 ]		
* Lymph Node, Mesenteric		Angiectasis	Mild
	[ Angiectasis TGLS = 1-5 ]		
* Thyroid Gland	Follicular Cel	Adenoma	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 61	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b> 90-53675
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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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

Harderian Gland [ Adenoma TGLS = 3-22 ]		Adenoma	
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver [ Hepatocellular Carcinoma TGLS = 2-21 ]		Hepatocellular Carcinoma	
* Preputial Gland [ Cyst TGLS = 1-8 ]	Duct	Cyst	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE





**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 63

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 725

**DOSE:** 0.125%

**DISP:** Natural Death

**HISTO:** 90-53677

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**AUTO PRECLUDES DIAG.**

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Mild
Note: NUCLEAR ALTERATION			
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-2 ]			
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-2-1 ]			
* Nose		Congestion	Moderate
* Preputial Gland	Duct	Cyst	Mild
* Seminal Vesicle		Dilatation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 64	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> 90-53678
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Preputial Gland	Duct	Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 65	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> 90-53679
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Mineralization	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 66	TRT#: 3 DOSE: 0.125%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 90-53680
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**MISSING**

\* Parathyroid Gland

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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-21 ]		
* Preputial Gland	Duct	Cyst	Mild
	[ Cyst TGLS = 1-8 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 67	TRT#: 3 DOSE: 0.125%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 90-53681
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Marked
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-21 ]		
* Lung	Alveolar Epith	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 601

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-51579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
\* Brain  
\* Heart  
\* Mammary Gland  
\* Pituitary Gland  
\* Skin  
\* Thymus

\* Adrenal Medulla  
\* Epididymis  
\* Islets, Pancreatic  
\* Nose  
\* Prostate  
\* Stomach, Forestomach  
\* Thyroid Gland

\* Bone  
\* Esophagus  
\* Kidney  
\* Pancreas  
\* Salivary Glands  
\* Stomach, Glandular  
\* Trachea

\* Bone Marrow  
\* Gallbladder  
\* Lymph Node, Mesenteric  
\* Parathyroid Gland  
\* Seminal Vesicle  
\* Testes  
\* Urinary Bladder

MISSING

\* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

\* Intestine Large, Cecum  
\* Intestine Small, Ileum

\* Intestine Large, Colon  
\* Intestine Small, Jejunum

\* Intestine Large, Rectum

\* Intestine Small, Duodenum

OBSERVATIONS

\* Liver

[ Hepatocellular Adenoma TGLS = 1-21 ]  
[ Hepatocellular Carcinoma TGLS = 2-22,3-23 ]

\* Lung

[ Alveolar/Bronchiolar Adenoma TGLS = 4-2-1 ]

\* Preputial Gland

Duct

\* Spleen

Hepatocellular Adenoma  
Hepatocellular Carcinoma

Multiple

Alveolar/Bronchiolar Adenoma

Cyst

Moderate

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53682

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	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Hypertrophy	Mild
Coagulating Gland		Dilatation	Mild
[ Dilatation TGLS = 2-7 ]			
* Kidney		Infarct	Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Moderate
[ Eosinophilic Focus TGLS = 4-21 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 3-2-1 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
* Preputial Gland	Duct	Cyst	Mild
* Seminal Vesicle		Dilatation	Moderate
[ Dilatation TGLS = 1-7,1-7-1 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 70	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.125%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53683

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Angiectasis	Mild
* Preputial Gland	Duct	Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 71	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53684
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland	Duct	Cyst	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 72

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53685

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	Mild
* Lymph Node, Mesenteric		Angiectasis	Moderate
* Preputial Gland	Duct	Cyst	Mild
* Seminal Vesicle		Dilatation	Mild
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 73	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.125%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53686

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-2-1 ]			
* Preputial Gland	Duct	Cyst	Mild
* Seminal Vesicle		Dilatation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 74	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53687
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**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	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
		Metaplasia	Osseous, Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	Mild
		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
		[ Hepatocellular Adenoma TGLS = 2-21,3-22,4-23 ]	
* Lymph Node, Mesenteric		Angiectasis	Moderate
		[ Angiectasis TGLS = 5-5 ]	
* Preputial Gland	Duct	Cyst	Mild
* Seminal Vesicle		Dilatation	Marked
		[ Dilatation TGLS = 1-7 ]	
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 75	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53688
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Thymus

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**OBSERVATIONS**

* Kidney	Cortex Renal Tubule	Cyst Regeneration Alveolar/Bronchiolar Adenoma	Mild Minimal
* Lung [ Alveolar/Bronchiolar Adenoma TGLS = 2-2 ]			
* Preputial Gland [ Cyst TGLS = 1-1 ]	Duct	Cyst	Moderate
* Thyroid Gland	Follicle Follicular Cel	Cyst Hyperplasia	Mild Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 695

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-52885

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	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hemangioma	
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-21 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Angiectasis	Moderate
* Preputial Gland	Duct	Cyst	Mild
* Skin		Hemangioma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Inflammation	Subacute, Minimal
Urethra	Bulboureth GI	Hemorrhage	Moderate
[ Hemorrhage TGLS = 2-22 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 77	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53689
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Moderate
* Heart	Artery	Inflammation	Subacute, Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Basophilic Focus	Marked
		Eosinophilic Focus	Moderate
[ Eosinophilic Focus TGLS = 2-21 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
[ Angiectasis TGLS = 3-5 ]			
* Preputial Gland		Abscess	Marked
	Duct	Cyst	Moderate
[ Abscess TGLS = 1-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 78

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53690

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

**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Renal Tubule	Casts	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		[ Eosinophilic Focus TGLS = 3-22-1,4-23 ]	
		[ Hepatocellular Adenoma TGLS = 4-23 ]	
		[ Hepatocellular Carcinoma TGLS = 2-21,2-21-1,3-22 ]	
* Preputial Gland	Duct	Cyst	Mild
		[ Cyst TGLS = 1-8 ]	
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 79	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53691
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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
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Marked
		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2-21,3-22 ]		
* Lymph Node, Mesenteric		Angiectasis	Mild
	[ Angiectasis TGLS = 5-5 ]		
* Preputial Gland	Duct	Cyst	Mild
	[ Cyst TGLS = 1-1 ]		
* Seminal Vesicle		Dilatation	Mild
	[ Dilatation TGLS = 1-7 ]		
* Thymus		Cyst	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 80	TRT#: 3 DOSE: 0.125%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 90-53692
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 1-21 ]			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Mild
[ Eosinophilic Focus TGLS = 2-22 ]			
* Preputial Gland	Duct	Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 81	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 0.125%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53693

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 6-22 ]			
* Kidney	Renal Tubule	Mineralization	Minimal
		Regeneration	Mild
* Liver		Basophilic Focus	Moderate
		Eosinophilic Focus	Mild
[ Basophilic Focus TGLS = 2-21 ]			
[ Eosinophilic Focus TGLS = 1-6 ]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	Multiple
		Hyperplasia	Mild
[ Alveolar/Bronchiolar Adenoma TGLS = 4-2-1.1,5-2-2 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
[ Angiectasis TGLS = 3-5 ]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Duct	Cyst	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 82

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53694

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Cortex	Cyst	Moderate
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal

[ Cyst TGLS = 1-5-1 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 83

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53695

**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	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Hypercellularity	Mild
* Intestine Small, Jejunum		Adenocarcinoma	
[ Adenocarcinoma TGLS = 6-22 ]			
* Liver		Eosinophilic Focus	Moderate
[ Eosinophilic Focus TGLS = 7-23 ]		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-21 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Angiectasis	Mild
[ Angiectasis TGLS = 5-5 ]			
* Preputial Gland	Duct	Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 84	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53696
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-21 ]			
* Preputial Gland	Duct	Cyst	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 85	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53697
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Intestine Small, Jejunum [ Hyperplasia TGLS = 4-22 ]	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Mineralization Regeneration Clear Cell Focus	Minimal Minimal Moderate
* Liver [ Clear Cell Focus TGLS = 2-21 ]		Angiectasis	Moderate
* Lymph Node, Mesenteric [ Angiectasis TGLS = 3-5 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 86	TRT#: 3 DOSE: 0.125%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 90-53698
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ORGAN AND ACCOUNTABLE SITE STATUS

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

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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Kidney	Cortex	Cyst	Mild
	Renal Tubule	Mineralization	Minimal
		Regeneration	Minimal
[ Cyst TGLS = 1-5-1 ]			
* Preputial Gland		Abscess	Marked
* Thymus		Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 87

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53699

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

**OBSERVATIONS**

* Kidney		Infarct	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Moderate
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
Note: TGL 4-23 IS LIVER NOT MESENTERY			
[ Eosinophilic Focus TGLS = 5-24 ]			
[ Hemangiosarcoma TGLS = 6-25 ]			
[ Hepatocellular Adenoma TGLS = 2-21,3-22,8-26,4-23 ]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
* Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Stomach, Forestomach		Inflammation	Subacute, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 88	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 681 <b>HISTO:</b> 90-52821
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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
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

Harderian Gland [ Adenoma TGLS = 3-22 ]		Adenoma	
* Kidney	Renal Tubule	Mineralization Regeneration Mixed Cell Focus Vacuolization Cytoplasmic	Minimal Minimal Moderate Mild
* Liver [ Mixed Cell Focus TGLS = 1-21 ]			
* Lymph Node, Mesenteric [ Angiectasis TGLS = 2-5 ] [ Hyperplasia TGLS = 2-5 ]		Angiectasis Hyperplasia	Mild Lymphoid, Mild
* Preputial Gland	Duct	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 701

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-52886

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

OBSERVATIONS

* Kidney	Renal Tubule	Casts	Minimal
		Glomerulosclerosis	Minimal
* Liver	[ Hepatocellular Carcinoma TGLS = 2-21,3-22 ]	Hepatocellular Carcinoma	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Angiectasis	Moderate
* Pancreas	Acinus	Depletion Secretory	Moderate
* Preputial Gland	Duct	Cyst	Moderate
* Spleen	[ Hematopoietic Cell Proliferation TGLS = 4-6 ]	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	[ Carcinoid Tumor Nos TGLS = 5-23 ]	Carcinoid Tumor Nos	
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

<b>ANIMAL ID:</b> 90	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 720 <b>HISTO:</b> 90-53700
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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
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Thymus

OBSERVATIONS

* Kidney	Renal Tubule	Casts	Mild
	Renal Tubule	Glomerulosclerosis	Minimal
		Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 3-22 ]		
* Lymph Node, Mesenteric		Angiectasis	Moderate
* Seminal Vesicle		Atrophy	Moderate
	[ Atrophy TGLS = 4-7 ]		
* Skin	Dermis	Inflammation	Chronic, Moderate
		Ulcer	Moderate
	[ Inflammation TGLS = 1-21 ]		
	[ Ulcer TGLS = 1-21 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-6 ]		

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 91

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53701

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

**OBSERVATIONS**

* Kidney	Transit Epithe Cortex Renal Tubule	Carcinoma Cyst Regeneration	Mild Minimal
[ Carcinoma TGLS = 2-21 ]			
* Liver		Eosinophilic Focus Hepatocellular Adenoma	Moderate Multiple
[ Hepatocellular Adenoma TGLS = 4-22,5-23 ]			
* Lung	Alveolar Epith Renal	Hyperplasia Hyperplasia	Mild Lymphoid, Mild
Lymph Node			
[ Hyperplasia TGLS = 6-24 ]			
* Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 92	TRT#: 3 DOSE: 0.125%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 90-53702
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ORGAN AND ACCOUNTABLE SITE STATUS

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

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OBSERVATIONS

* Kidney		Infarct	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2-21,3-22 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Angiectasis	Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Test Compound: p-Nitrobenzoic acid  
 CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
 Time Report Requested: 22:00:41  
 First Dose M/F: NA / NA  
 Lab: SRI

**ANIMAL ID:** 93

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53703

**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	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	Tissue NOS
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
	[ Alveolar/Bronchiolar Adenoma TGLS = 3-2-1 ]		
* Lymph Node, Mesenteric		Angiectasis	Mild
* Preputial Gland	Duct	Cyst	Mild
	[ Cyst TGLS = 2-8 ]		
* Stomach, Forestomach		Hyperplasia	Minimal
	[ Hyperplasia TGLS = 4-4-1 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 94	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53704
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Lymph Node, Mesenteric [ Angiectasis TGLS = 1-5 ]	Angiectasis	Moderate
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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 95	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53705
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**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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Moderate
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Subacute, Mild
[ Cyst TGLS = 2-8 ]			
[ Inflammation TGLS = 2-8 ]			
* Skin	Dermis	Inflammation	Subacute, Minimal
[ Inflammation TGLS = 1-21 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53706

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Renal Tubule	Casts	Minimal
	Renal Tubule	Mineralization	Minimal
		Regeneration	Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
[ Eosinophilic Focus TGLS = 3-22,4-23 ]			
[ Hepatocellular Adenoma TGLS = 2-21 ]			
* Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 97	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53707
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
* Liver		Clear Cell Focus	Mild
[ Clear Cell Focus TGLS = 2-21 ]			
* Pancreas	Duct	Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53708

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-21 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 4-2-1 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
[ Angiectasis TGLS = 3-5 ]			
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 99	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53709
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**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Infarct	Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Mixed Cell Focus	Moderate
[ Mixed Cell Focus TGLS = 2-21 ]			
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Stomach, Forestomach		Hyperplasia	Moderate
[ Hyperplasia TGLS = 3-4-1 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 100

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 665

**DOSE:** 0.125%

**DISP:** Natural Death

**HISTO:** 90-52603

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**AUTO PRECLUDES DIAG.**

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

* Kidney	Renal Tubule	Casts	Moderate
		Fibrosis	Minimal
		Glomerulosclerosis	Mild
	Renal Tubule	Regeneration	Moderate
* Liver	[ Hepatocellular Carcinoma TGLS = 2-21,3-22 ]	Hepatocellular Carcinoma	Multiple
* Lymph Node, Mesenteric	[ Angiectasis TGLS = 4-5 ]	Angiectasis	Moderate
* Preputial Gland	Duct	Cyst	Mild
* Spleen	[ Hematopoietic Cell Proliferation TGLS = 1-6 ]	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperplasia	Moderate
		Inflammation	Subacute, Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 101	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 675 <b>HISTO:</b> 90-52822
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**MISSING**

\* Thymus

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 1-21,2-22 ]		
* Preputial Gland	Duct	Cyst	Mild
* Stomach, Forestomach		Hyperplasia	Mild
	[ Hyperplasia TGLS = 3-4-1 ]		

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 102	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53710
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
		Mixed Cell Focus	Moderate
	[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1 ]		
	[ Mixed Cell Focus TGLS = 2-22 ]		
* Pituitary Gland	Pars Intermed	Adenoma	
	[ Adenoma TGLS = 3-1 ]		
* Preputial Gland	Duct	Cyst	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 103

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53711

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
[ Hyperplasia TGLS = 2-2-1 ]			
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 104

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 537

**DOSE:** 0.125%

**DISP:** Natural Death

**HISTO:** 90-51363

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Brain  
\* Heart  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Spleen  
\* Trachea

\* Adrenal Medulla  
\* Epididymis  
\* Islets, Pancreatic  
\* Mammary Gland  
\* Prostate  
\* Testes  
\* Urinary Bladder

\* Bone  
\* Esophagus  
\* Kidney  
\* Nose  
\* Seminal Vesicle  
\* Thymus

\* Bone Marrow  
\* Gallbladder  
\* Lymph Node, Mandibular  
\* Parathyroid Gland  
\* Skin  
\* Thyroid Gland

**AUTO PRECLUDES DIAG.**

\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Stomach, Glandular

\* Intestine Large, Colon  
\* Intestine Small, Jejunum

\* Intestine Large, Rectum  
\* Pancreas

\* Intestine Small, Duodenum  
\* Stomach, Forestomach

**OBSERVATIONS**

\* Liver  
[ Hepatocellular Adenoma TGLS = 1-21 ]

Hepatocellular Adenoma

\* Lung  
[ Alveolar/Bronchiolar Adenoma TGLS = 2-2 ]

Alveolar/Bronchiolar Adenoma

\* Preputial Gland                      Duct  
\* Salivary Glands                      Duct

Cyst                                      Mild  
Cyst                                      Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone [ Hyperostosis TGLS = 4-22 ]	Cranium	Hyperostosis	Moderate
* Kidney	Renal Tubule	Mineralization Regeneration Mixed Cell Focus	Minimal Minimal Moderate
* Liver [ Mixed Cell Focus TGLS = 2-21 ]	Alveolar Epith	Hyperplasia Angiectasis	Moderate Moderate
* Lung * Lymph Node, Mesenteric [ Angiectasis TGLS = 3-5 ]		Inflammation	Subacute, Mild
* Preputial Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 106

TRT#: 3

SEX: Male

DAY ON TEST: 575

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-51507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* 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

\* Pituitary Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney	Renal Tubule	Casts	Mild
		Fibrosis	Mild
		Glomerulosclerosis	Moderate
	Renal Tubule	Regeneration	Minimal
* Liver	[ Hepatocellular Carcinoma TGLS = 1-21,2-22 ]	Hepatocellular Carcinoma	Multiple
* Lymph Node, Mesenteric		Angiectasis	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 107

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53713

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	Mild
[ Eosinophilic Focus TGLS = 7-26 ]			
[ Hepatocellular Adenoma TGLS = 5-24,6-25,3-22 ]			
[ Mixed Cell Focus TGLS = 4-23 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Moderate
Note: TISSUE NOS(TGL 2-21) IS MESENTERY			
[ Necrosis TGLS = 2-21 ]			
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 8-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 108	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 700 <b>HISTO:</b> 90-52887
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

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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	* Stomach, Forestomach
* Stomach, Glandular			

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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney	Renal Tubule	Regeneration	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 109

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50966

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Mild
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 110	<b>TRT#:</b> 3 <b>DOSE:</b> 0.125%	<b>SEX:</b> Male <b>DISP:</b> Accidentally Killed	<b>DAY ON TEST:</b> 7 <b>HISTO:</b> 88-46422
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

\* Mammary Gland

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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	

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**INSUFFICIENT TISSUE**

\* Pituitary Gland

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**OBSERVATIONS**

* Spleen [ Atrophy TGLS = 1-6 ]	Atrophy	Moderate
* Thymus	Atrophy	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 111	TRT#: 3 DOSE: 0.125%	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 89-50967
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-21 ]			
* Lung	Alveolar Epith	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 112

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50968

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

**OBSERVATIONS**

\* Lung Alveolar/Bronchiolar Adenoma

[ Alveolar/Bronchiolar Adenoma TGLS = 1-2-1 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 113

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 89-50969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Brain
- \* Heart
- \* Intestine Small, Duodenum
- \* Liver
- \* Mammary Gland
- \* Preputial Gland
- \* Skin
- \* Thymus

- \* Adrenal Medulla
- \* Epididymis
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Lung
- \* Nose
- \* Prostate
- \* Stomach, Forestomach
- \* Thyroid Gland

- \* Bone
- \* Esophagus
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lymph Node, Mandibular
- \* Pancreas
- \* Salivary Glands
- \* Stomach, Glandular
- \* Trachea

- \* Bone Marrow
- \* Gallbladder
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Lymph Node, Mesenteric
- \* Parathyroid Gland
- \* Seminal Vesicle
- \* Testes
- \* Urinary Bladder

MISSING

- \* Pituitary Gland

OBSERVATIONS

- \* Kidney
    - Renal Tubule
      - Mineralization
      - Regeneration
      - Hyperplasia
  - \* Spleen
    - Minimal
    - Minimal
    - Lymphoid, Moderate
- [ Hyperplasia TGLS = 2-21 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 114

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50970

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

**OBSERVATIONS**

* Lymph Node, Mesenteric [ Angiectasis TGLS = 1-5 ]		Angiectasis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 115

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50971

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 1-21 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 116

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 89-50972

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Basophilic Focus	Mild
		Vacuolization Cytoplasmic	Mild
* Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

**ANIMAL ID:** 117

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50973

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- \* Adrenal Cortex
- \* Brain
- \* Heart
- \* Intestine Small, Duodenum
- \* Kidney
- \* Mammary Gland
- \* Preputial Gland
- \* Skin
- \* Testes
- \* Urinary Bladder

- \* Adrenal Medulla
- \* Epididymis
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Lung
- \* Nose
- \* Prostate
- \* Spleen
- \* Thymus

- \* Bone
- \* Esophagus
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lymph Node, Mandibular
- \* Pancreas
- \* Salivary Glands
- \* Stomach, Forestomach
- \* Thyroid Gland

- \* Bone Marrow
- \* Gallbladder
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Lymph Node, Mesenteric
- \* Pituitary Gland
- \* Seminal Vesicle
- \* Stomach, Glandular
- \* Trachea

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- \* Liver

Hepatocellular Adenoma

Multiple

[ Hepatocellular Adenoma TGLS = 1-21,2-22 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 118

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 442

**DOSE:** 0.125%

**DISP:** Natural Death

**HISTO:** 8950974

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Brain	* Esophagus	* Lung
* Mammary Gland	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

* Gallbladder	* Parathyroid Gland	* Pituitary Gland	* Spleen
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**AUTO PRECLUDES DIAG.**

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland		

**OBSERVATIONS**

* Liver	Hepatocellular Adenoma
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[ Hepatocellular Adenoma TGLS = 1-21 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 119

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0.125%

DISP: Scheduled Sacrifice

HISTO: 89-50975

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

OBSERVATIONS

* Kidney	Renal Tubule	Casts	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Minimal

[ Hepatocellular Adenoma TGLS = 1-21 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 120

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50976

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

**MISSING**

\* Thymus

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatocellular Carcinoma	
		Necrosis	Mild
	[ Hepatocellular Carcinoma TGLS = 3-21 ]		
* Preputial Gland		Atrophy	Mild
	Duct	Cyst	Mild
	[ Atrophy TGLS = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 121

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53714

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Preputial Gland		Inflammation	Subacute, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 122

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 703

**DOSE:** 0.25%

**DISP:** Moribund Sacrifice

**HISTO:** 90-52902

**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	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
		Angiectasis	Moderate
* Lymph Node, Mesenteric [ Angiectasis TGLS = 4-5 ]			
* Preputial Gland	Duct	Cyst	Mild
* Spleen [ Atrophy TGLS = 3-6 ]		Atrophy	Mild
* Urinary Bladder [ Dilatation TGLS = 2-8-1 ]		Dilatation	Marked

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 681

DOSE: 0.25%

DISP: Moribund Sacrifice

HISTO: 90-52823

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

OBSERVATIONS

* Epididymis [ Cyst TGLS = 2-7-1 ]		Cyst	Multiple, Mild
Harderian Gland [ Adenoma TGLS = 4-22 ]		Adenoma	
* Liver [ Eosinophilic Focus TGLS = 5-23 ]		Eosinophilic Focus	Mild
Mesentery [ Inflammation TGLS = 3-21 ]	Fat	Inflammation	Granulomatous, Moderate
* Preputial Gland [ Cyst TGLS = 1-8 ]	Duct	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Brain
- \* Heart
- \* Intestine Small, Duodenum
- \* Liver
- \* Nose
- \* Preputial Gland
- \* Skin
- \* Testes
- \* Urinary Bladder

- \* Adrenal Medulla
- \* Epididymis
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Lung
- \* Pancreas
- \* Prostate
- \* Spleen
- \* Thymus

- \* Bone
- \* Esophagus
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lymph Node, Mandibular
- \* Parathyroid Gland
- \* Salivary Glands
- \* Stomach, Forestomach
- \* Thyroid Gland

- \* Bone Marrow
- \* Gallbladder
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Mammary Gland
- \* Pituitary Gland
- \* Seminal Vesicle
- \* Stomach, Glandular
- \* Trachea

OBSERVATIONS

- \* Kidney
- \* Lymph Node, Mesenteric

Mineralization  
 Angiectasis  
 Hyperplasia

Minimal  
 Mild  
 Lymphoid, Moderate

[ Angiectasis TGLS = 1-5 ]

[ Hyperplasia TGLS = 1-5 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 125

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53716

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

**MISSING**

* Parathyroid Gland	* Thymus
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**OBSERVATIONS**

* Heart		Fibrosis	Minimal
* Kidney	Renal Tubule	Casts	Moderate
		Glomerulosclerosis	Mild
		Infarct	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Carcinoma	Multiple
		[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1,2-22,2-22-1,3-23,3-23-1 ]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Angiectasis	Moderate
		[ Angiectasis TGLS = 6-5 ]	
* Preputial Gland	Duct	Cyst	Mild
* Seminal Vesicle		Atrophy	Moderate
		[ Atrophy TGLS = 4-7 ]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		[ Hematopoietic Cell Proliferation TGLS = 5-6 ]	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 3-2-1 ]	Hyperplasia	Moderate
	[ Hyperplasia TGLS = 4-2-2 ]		
* Lymph Node, Mesenteric		Angiectasis	Mild
	[ Angiectasis TGLS = 2-5 ]		
* Preputial Gland	Duct	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53718

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2-21,3-22 ]		
* Lymph Node, Mesenteric		Angiectasis	Moderate
* Preputial Gland	Duct	Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Stomach, Forestomach		Squamous Cell Papilloma	
	[ Squamous Cell Papilloma TGLS = 4-4-1 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 128

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 522

**DOSE:** 0.25%

**DISP:** Natural Death

**HISTO:** 89-51364

**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	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**AUTO PRECLUDES DIAG.**

* Intestine Small, Ileum	* Intestine Small, Jejunum
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**OBSERVATIONS**

* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-21 ]			
* Preputial Gland	Duct	Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 129

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53719

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

**OBSERVATIONS**

* Kidney		Infarct	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
	[ Alveolar/Bronchiolar Adenoma TGLS = 3-2-1 ]		
	[ Hyperplasia TGLS = 3-2-1 ]		
* Lymph Node, Mesenteric		Angiectasis	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland	Duct	Cyst	Mild
	[ Cyst TGLS = 2-8 ]		
* Stomach, Glandular		Cyst	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 130

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53720

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Infarct	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Preputial Gland	Duct	Cyst	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 131	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 0.25%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53721

**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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Hypertrophy	Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	Mild
	[ Eosinophilic Focus TGLS = 2-21 ]		
* Lymph Node, Mandibular		Mast Cell Tumor Nos	
* Nose	Nasolacrim Dct	Mast Cell Tumor Nos	
* Preputial Gland	Duct	Cyst	Mild
* Skin	Subcut Tiss	Mast Cell Tumor Nos	
	Note: MAST CELL TUMOR LOCATED ON HEAD		
* Spleen		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 132

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53722

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	Mild
		Vacuolization Cytoplasmic	Minimal
[ Clear Cell Focus TGLS = 2-21 ]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53723

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

OBSERVATIONS

* Epididymis		Inflammation	Granulomatous, Moderate
* Kidney	Cortex	Cyst	Mild
* Liver		Hepatocholangiocarcinoma	
		Mixed Cell Focus	Mild
	[ Hepatocholangiocarcinoma TGLS = 1-21,1-21-1 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-2-1 ]		
* Preputial Gland	Duct	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

**ANIMAL ID:** 134

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53724

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

**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	

[ Alveolar/Bronchiolar Adenoma TGLS = 1-2-1 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53726

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, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 2-21 ]		
* Kidney	Renal Tubule	Regeneration	Minimal
* Preputial Gland	Duct	Cyst	Mild
	[ Cyst TGLS = 1-8 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: p-Nitrobenzoic acid  
 CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
 Time Report Requested: 22:00:41  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53727

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-21 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
[ Angiectasis TGLS = 4-5 ]			
* Pancreas	Acinus	Atrophy	Moderate
	Duct	Cyst	Mild
[ Cyst TGLS = 3-7 ]			
* Preputial Gland		Inflammation	Subacute, Mild
[ Inflammation TGLS = 2-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 675

DOSE: 0.25%

DISP: Moribund Sacrifice

HISTO: 90-52824

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

OBSERVATIONS

* Kidney	Renal Tubule	Casts	Moderate
		Fibrosis	Minimal
		Glomerulosclerosis	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Carcinoma TGLS = 2-21,3-22 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 1-6 ]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 139	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 496
	<b>DOSE:</b> 0.25%	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 89-51328

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Liver		Hepatocellular Carcinoma Necrosis	Mild
	[ Hepatocellular Carcinoma TGLS = 1-21,2-22 ]		
	[ Necrosis TGLS = 3-23 ]		
* Nose	Nasolacrim Dct	Ectasia	Mild
* Preputial Gland	Duct	Cyst	Mild
* Spleen		Necrosis	Mild
* Thymus		Necrosis	Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 140

**TRT#:** 5  
**DOSE:** 0.25%

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

**DAY ON TEST:** 729  
**HISTO:** 90-53728

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Cyst	Mild
		Inflammation	Subacute, Mild

[ Cyst TGLS = 1-8 ]

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53729

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Metaplasia	Osseous, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[ Alveolar/Bronchiolar Adenoma TGLS = 3-2+2-1 ]			
* Lymph Node, Mesenteric		Angiectasis	Moderate
* Preputial Gland	Duct	Cyst	Mild
* Spleen		Atrophy	Mild
[ Atrophy TGLS = 2-6 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53730

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Inflammation	Chronic, Minimal
* Kidney	Renal Tubule	Casts	Mild
		Glomerulosclerosis	Mild
		Inflammation	Subacute, Mild
* Liver	Renal Tubule	Regeneration	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[ Hepatocellular Adenoma TGLS = 4-22 ]	
		[ Hepatocellular Carcinoma TGLS = 3-21 ]	
* Lung	Alveolar Epith	Hepatocellular Carcinoma	Metastatic (Liver)
		Hyperplasia	Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Subacute, Mild
		[ Cyst TGLS = 1-8 ]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		[ Hematopoietic Cell Proliferation TGLS = 2-6 ]	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53731

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

OBSERVATIONS

* Liver		Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	Mild
[ Eosinophilic Focus TGLS = 11-25 ]			
[ Hepatocellular Adenoma TGLS = 2-22,10-24 ]			
[ Hepatocellular Carcinoma TGLS = 1-21,2-22,3-23 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[ Hepatocellular Carcinoma TGLS = 5-2,6-2,7-2,8-2,9-2 ]			
* Preputial Gland	Duct	Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 144

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53732

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

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Subacute, Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
* Preputial Gland		Inflammation	Chronic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 145

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53733

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

**OBSERVATIONS**

* Kidney	Renal Tubule Cortex	Casts Cyst Glomerulosclerosis	Mild Minimal Mild
* Liver	Renal Tubule	Regeneration Hepatocellular Carcinoma	Moderate Multiple
[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1,2-22,2-22-1 ]			
* Lymph Node, Mesenteric		Angiectasis Hematopoietic Cell Proliferation	Moderate Mild
[ Angiectasis TGLS = 4-5 ]			
[ Hematopoietic Cell Proliferation TGLS = 4-5 ]			
* Preputial Gland	Duct	Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 146

**TRT#:** 5  
**DOSE:** 0.25%

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

**DAY ON TEST:** 729  
**HISTO:** 90-53734

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
* Liver		Clear Cell Focus	Mild
[ Clear Cell Focus TGLS = 2-21 ]			
* Lung		Hemorrhage	Minimal
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Spindle Cell	Hyperplasia	Moderate
		Hypertrophy	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney	Renal Tubule	Regeneration	Minimal
* Preputial Gland	Duct	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53736

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

MISSING

\* Thymus

OBSERVATIONS

* Kidney	Renal Tubule Cortex Renal Tubule	Casts Cyst Regeneration Hepatocellular Carcinoma	Mild Mild Minimal Multiple
* Liver			
Note: TISSUE NOS-TGL 3-21 IS LIVER [ Hepatocellular Carcinoma TGLS = 3-21,3-21-1,4-22,4-22-1 ]			
* Lung		Alveolar/Bronchiolar Adenoma Angiectasis Hematopoietic Cell Proliferation	Moderate Mild
* Lymph Node, Mesenteric			
[ Angiectasis TGLS = 8-5 ]			
* Nose	Nasolacrim Dct	Inflammation	Subacute, Moderate
* Preputial Gland	Duct	Cyst Inflammation	Mild Subacute, Mild
[ Cyst TGLS = 1-8 ]			
* Seminal Vesicle		Atrophy	Moderate
[ Atrophy TGLS = 2-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53737

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

OBSERVATIONS

* Kidney		Fibrosis	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
		Hyperplasia	Lymphoid, Mild
[ Angiectasis TGLS = 2-5 ]			
* Preputial Gland	Duct	Cyst	Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 150

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53738

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Cortex	Cyst	Minimal
		Mineralization	Minimal
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Subacute, Mild

[ Inflammation TGLS = 1-8 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 151

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53739

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

**MISSING**

\* Nose

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma Mixed Cell Focus	Mild
[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1 ] [ Mixed Cell Focus TGLS = 4-22 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 2-8,3-8 ]			
Skeletal Muscle		Hemangiosarcoma	
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:41  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 152

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53740

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

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	
Note: TGL 1-21&1-21-1 IS LIVER NOT MESENTERY [ Hepatocellular Carcinoma TGLS = 1-21,1-21-1 ]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Angiectasis	Mild
* Preputial Gland		Atrophy	Mild
	Duct	Cyst	Mild
[ Atrophy TGLS = 2-8 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:41  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 153

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53741

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
	[ Eosinophilic Focus TGLS = 2-22 ]		
	[ Hepatocellular Adenoma TGLS = 1-21,3-23 ]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Bronchiole	Hyperplasia	Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 6-24 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Subacute, Moderate
[ Cyst TGLS = 4-8 ]			
[ Inflammation TGLS = 5-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 154

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53742

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 1-21,3-23 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Moderate
	Note: TISSUE NOS(TGL 2-22) IS MESENTERY		
	[ Necrosis TGLS = 2-22 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 155

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53743

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 156

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53744

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Subacute, Moderate
* Skin	Dermis	Inflammation	Subacute, Minimal
[ Inflammation TGLS = 1-21 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 157

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Preputial Gland	Duct	Cyst	Mild
		Inflammation	Subacute, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE





Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 159

TRT#: 5

SEX: Male

DAY ON TEST: 588

DOSE: 0.25%

DISP: Moribund Sacrifice

HISTO: 90-51508

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

OBSERVATIONS

* Kidney	Renal Tubule	Casts	Moderate
		Glomerulosclerosis	Moderate
	[ Glomerulosclerosis TGLS = 2-5 ]		
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 3-21,4-22 ]		
* Pancreas	Acinus	Depletion Secretory	Moderate
* Preputial Gland	Duct	Cyst	Moderate
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 160

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53747

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

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Moderate
* Lymph Node, Mesenteric [ Angiectasis TGLS = 2-5 ]	Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 161

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53748

**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	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Epididymis		Lymphoma Malignant Lymphocytic	
* Kidney		Lymphoma Malignant Lymphocytic	
* Liver		Lymphoma Malignant Lymphocytic	
* Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 6-23,6-23-1,1-8,9-25,2-21,2-21-1,3-22,7-24,8-5 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 6-23,6-23-1,1-8,9-25,2-21,2-21-1,3-22,7-24,8-5 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 6-23,6-23-1,1-8,9-25,2-21,2-21-1,3-22,7-24,8-5 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 6-23,6-23-1,1-8,9-25,2-21,2-21-1,3-22,7-24,8-5 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 6-23,6-23-1,1-8,9-25,2-21,2-21-1,3-22,7-24,8-5 ]			
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 6-23,6-23-1,9-25,2-21,2-21-1,3-22,7-24,8-5,1-8 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 6-23,6-23-1,1-8,9-25,2-21,2-21-1,3-22,7-24,8-5 ]			
* Nose		Lymphoma Malignant Lymphocytic	
* Prostate		Lymphoma Malignant Lymphocytic	
* Seminal Vesicle		Inflammation	Subacute, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 161

**TRT#:** 5  
**DOSE:** 0.25%

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

**DAY ON TEST:** 729  
**HISTO:** 90-53748

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant Lymphocytic TGLS = 5-7 ]		Lymphoma Malignant Lymphocytic	
* Skin	Subcut Tiss	Lymphoma Malignant Lymphocytic	
* Spleen		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 4-6,10-26 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 162

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53749

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Liver		Hepatocellular Carcinoma	
Note: SLIDE 22-NORMAL LIVER [ Hepatocellular Carcinoma TGLS = 1-21,1-21-1 ]			
* Seminal Vesicle		Inflammation	Chronic, Moderate
[ Inflammation TGLS = 3-7 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Inflammation	Chronic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 163

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 638

**DOSE:** 0.25%

**DISP:** Moribund Sacrifice

**HISTO:** 90-52152

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

**OBSERVATIONS**

* Bone Marrow		Hypercellularity	Moderate
Harderian Gland		Adenoma	Multiple
[ Adenoma TGLS = 3-21,4-22 ]			
* Kidney	Renal Tubule	Mineralization	Minimal
		Regeneration	Minimal
		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular			
[ Hyperplasia TGLS = 2-8 ]			
* Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 164

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53750

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Cortex	Cyst	Mild
		Infarct	Minimal
	Renal Tubule	Regeneration	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
[ Hyperplasia TGLS = 5-2-1 ]			
* Lymph Node, Mesenteric		Angiectasis	Moderate
[ Angiectasis TGLS = 3-5 ]			
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 2-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 165

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53751

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 3-21 ]		
* Preputial Gland	Duct	Cyst	
	[ Cyst TGLS = 1-8,2-8 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: p-Nitrobenzoic acid  
 CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
 Time Report Requested: 22:00:42  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 167

TRT#: 5

SEX: Male

DAY ON TEST: 681

DOSE: 0.25%

DISP: Moribund Sacrifice

HISTO: 90-52825

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 4-24 ]			
* Kidney	Renal Tubule	Mineralization	Minimal
		Regeneration	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	Mild
[ Hepatocellular Adenoma TGLS = 2-22,3-23 ]			
[ Mixed Cell Focus TGLS = 1-21 ]			
* Lung		Thrombosis	Mild
* Preputial Gland	Duct	Cyst	Mild
* Stomach, Glandular		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 168

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 693

**DOSE:** 0.25%

**DISP:** Moribund Sacrifice

**HISTO:** 90-52826

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

**OBSERVATIONS**

* Bone Marrow		Hypercellularity	Marked
* Kidney	Renal Tubule	Regeneration	Minimal
Lymph Node	Axillary	Hyperplasia	Lymphoid, Moderate
	Inguinal	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 3-23,2-22 ]			
[ Hyperplasia TGLS = 3-23,2-22 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
* Skin	Subcut Tiss	Inflammation	Chronic, Moderate
[ Inflammation TGLS = 1-21 ]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			
* Thymus		Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 169

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53752

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 1-21,2-22 ]		
* Preputial Gland		Abscess	Moderate
	Duct	Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 170

**TRT#:** 5  
**DOSE:** 0.25%

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:** 456  
**HISTO:** 89-50977

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

**OBSERVATIONS**

* Kidney		Fibrosis	Moderate
		Hydronephrosis	Mild
		Inflammation	Subacute, Marked
[ Fibrosis TGLS = 2-21 ]			
[ Hydronephrosis TGLS = 4-21 ]			
[ Inflammation TGLS = 2-21,3-21 ]			
* Liver		Inflammation	Subacute, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 171

**TRT#:** 5  
**DOSE:** 0.25%

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:** 456  
**HISTO:** 89-50978

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 172

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.25%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50979

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 173

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.25%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50980

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* 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**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-2-1 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 174

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 0.25%

DISP: Scheduled Sacrifice

HISTO: 89-50981

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

OBSERVATIONS

Eye	Retrobulbar	Hemorrhage	Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
	[ Vacuolization Cytoplasmic TGLS = 2-6 ]		
* Preputial Gland	Duct	Cyst	Mild
	[ Cyst TGLS = 1-8 ]		
* Skin	Subcut Tiss	Lipoma	
	Note: TISSUE NOS(TGL 3-21) IS SKIN/SUBCUTIS		
	[ Lipoma TGLS = 3-21 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 175

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 0.25%

DISP: Scheduled Sacrifice

HISTO: 89-50982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Ear		Schwannoma Benign	
[ Schwannoma Benign TGLS = 2-21 ]			
* Kidney		Mineralization	Minimal
* Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 176

TRT#: 5

SEX: Male

DAY ON TEST: 451

DOSE: 0.25%

DISP: Moribund Sacrifice

HISTO: 89-50983

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

OBSERVATIONS

* Gallbladder		Lymphoma Malignant Mixed	
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed TGLS = 1-6 ]		
* Lung	Alveolar Epith	Hyperplasia	Mild
		Lymphoma Malignant Mixed	
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed TGLS = 4-21,3-5,5-2 ]		
	[ Lymphoma Malignant Mixed TGLS = 4-21,3-5,5-2 ]		
	[ Lymphoma Malignant Mixed TGLS = 4-21,3-5,5-2 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed TGLS = 4-21,3-5,5-2 ]		
* Pancreas		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Lymphoma Malignant Mixed	
* Prostate		Inflammation	Subacute, Mild
* Spleen		Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed TGLS = 2-6 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 177

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.25%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50984

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

**OBSERVATIONS**

\* Liver Hepatocellular Adenoma

[ Hepatocellular Adenoma TGLS = 1-21 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 178

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.25%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50985

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Minimal
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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 179

TRT#: 5  
DOSE: 0.25%

SEX: Male  
DISP: Scheduled Sacrifice

DAY ON TEST: 456  
HISTO: 89-50986

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 1,2-21+22 ]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Preputial Gland	Duct	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 180

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.25%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50987

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

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Moderate
Eye	Retrobulbar	Hemorrhage	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Skin	Pinna	Inflammation	Subacute, Mild
[ Inflammation TGLS = 1-21 ]			
* Stomach, Glandular		Mineralization	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 181	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 0.5%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53753

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Mild
Kidney		Hemorrhage	Moderate
		Mineralization	Minimal
Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Minimal
[ Hepatocellular Adenoma TGLS = 1-21 ]			
Lymph Node, Mesenteric		Angiectasis	Moderate
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 182

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53754

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

**OBSERVATIONS**

Adrenal Cortex		Hyperplasia	Moderate
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	Multiple
		Hyperplasia	Moderate
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-2-1,2-2-2 ]		
	[ Hyperplasia TGLS = 2-2-2 ]		
Preputial Gland	Duct	Cyst	Mild
Spleen		Hyperplasia	Lymphoid, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 183

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53755

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Pituitary Gland

**OBSERVATIONS**

Kidney		Mineralization	Minimal
Preputial Gland	Duct	Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 184

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53756

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

**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Mild
Harderian Gland		Adenoma	
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-21 ]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node, Mesenteric		Angiectasis	Mild
[ Angiectasis TGLS = 3-5 ]			
Preputial Gland	Duct	Cyst	Mild
		Inflammation	Subacute, Moderate
[ Inflammation TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 185

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53757

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

**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Mild
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-22 ]			
Lymph Node, Mesenteric		Angiectasis	Moderate
[ Angiectasis TGLS = 2-5 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-21 ]			
Thyroid Gland	Follicle	Cyst	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 667

DOSE: 0.5%

DISP: Moribund Sacrifice

HISTO: 90-52604

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

OBSERVATIONS

Kidney	Renal Tubule	Casts	Mild
		Glomerulosclerosis	Mild
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Adenoma TGLS = 3-22 ]		
	[ Hepatocellular Carcinoma TGLS = 2-21,4-23 ]		
Lung		Congestion	Moderate
		Hepatocellular Carcinoma	Metastatic (Liver)
Seminal Vesicle		Atrophy	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 187

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53758

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Mild
Bone	Femur	Fibrous Osteodystrophy	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Lymph Node, Mesenteric		Angiectasis	Moderate
[ Angiectasis TGLS = 1-5 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 188	<b>TRT#:</b> 7 <b>DOSE:</b> 0.5%	<b>SEX:</b> Male <b>DISP:</b> Accidentally Killed	<b>DAY ON TEST:</b> 7 <b>HISTO:</b> 88-46423
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Kidney	Liver	Lung
Lymph Node, Mandibular	Nose	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Testes
Thymus	Thyroid Gland	Trachea	

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**MISSING**

Lymph Node, Mesenteric	Mammary Gland	Parathyroid Gland	Pituitary Gland
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**AUTO PRECLUDES DIAG.**

Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Pancreas
Stomach, Forestomach	Stomach, Glandular	Urinary Bladder	

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**OBSERVATIONS**

Spleen	Atrophy	Marked
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[ Atrophy TGLS = 1-6 ]

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 189

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53759

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Kidney	Renal Tubule	Regeneration	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node, Mesenteric		Angiectasis	Mild
Pituitary Gland	Pars Distalis	Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 190

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53760

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Kidney	Cortex	Cyst	Minimal
		Infarct	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Spleen		Atrophy	Mild
[ Atrophy TGLS = 2-6 ]			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53761

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

OBSERVATIONS

Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1-21,2-22,3-23 ]			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
[ Alveolar/Bronchiolar Adenoma TGLS = 5-2 ]			
Lymph Node	Bronchial	Infiltration Cellular	Histiocyte, Mild
[ Hyperplasia TGLS = 6-2-1 ]			
Lymph Node, Mesenteric		Inflammation	Subacute, Mild
[ Angiectasis TGLS = 4-5 ]			
		Hyperplasia	Lymphoid, Mild
		Angiectasis	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 192

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53762

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

**OBSERVATIONS**

Adrenal Cortex	Hypertrophy	Marked
Lymph Node, Mesenteric	Angiectasis	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 193

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53763

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

**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Mild
Bone Marrow		Congestion	Mild
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-21 ]			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node, Mesenteric		Angiectasis	Moderate
[ Angiectasis TGLS = 2-5 ]			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 194	<b>TRT#:</b> 7 <b>DOSE:</b> 0.5%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> 90-53764
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Moderate
Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-21 ]			
Lung		Alveolar/Bronchiolar Adenoma	

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 195	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 0.5%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53765

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

Kidney	Renal Tubule	Regeneration	Mild
Liver		Basophilic Focus	Mild
Lymph Node, Mesenteric		Angiectasis	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 196

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53766

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Kidney		Infarct	Minimal
	Renal Tubule	Regeneration	Minimal
Preputial Gland		Infiltration Cellular	Subacute, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Abscess	Moderate
	Duct	Cyst	Moderate
Stomach, Forestomach		Cyst	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 198

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53768

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

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 2-21 ]		
Lung	Alveolar Epith	Hyperplasia	Mild
Preputial Gland	Duct	Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 199

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53769

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Kidney		Mineralization	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Moderate
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-21 ]	Infiltration Cellular	Histiocyte, Moderate
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Angiectasis	Moderate
	[ Angiectasis TGLS = 3-5 ]		
Preputial Gland	Duct	Cyst	Moderate
	[ Cyst TGLS = 2-8 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53770

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Lung		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Subacute, Moderate
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-2-1 ]		
Preputial Gland	Duct	Cyst	Mild
		Inflammation	Subacute, Mild
Tooth		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 201	<b>TRT#:</b> 7 <b>DOSE:</b> 0.5%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> 90-53771
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**MISSING**

Parathyroid Gland

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**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Minimal
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Eosinophilic Focus	Mild
[ Eosinophilic Focus TGLS = 2-21 ]			
Lung	Alveolar Epith	Hyperplasia	Mild
Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 202

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53772

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

**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-2-1 ]			
Preputial Gland	Duct	Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 203

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53773

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

**OBSERVATIONS**

Lung	Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 3-2-1 ]		
Lymph Node, Mesenteric	Angiectasis	Mild
[ Angiectasis TGLS = 2-5 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 204

TRT#: 7

SEX: Male

DAY ON TEST: 378

DOSE: 0.5%

DISP: Moribund Sacrifice

HISTO: 89-50181

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	Kidney
Lymph Node, Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Hypercellularity	Moderate
Liver		Basophilic Focus	Marked
[ Basophilic Focus TGLS = 6-24 ]			
Lung		Inflammation	Subacute, Mild
Lymph Node	Axillary	Hyperplasia	Lymphoid, Moderate
	Bronchial	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 4-8,5-23,7-25 ]			
[ Hyperplasia TGLS = 4-8,5-23,7-25 ]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 4-8,5-23,7-25 ]			
Skin	Dermis	Inflammation	Subacute, Mild
		Ulcer	Mild
[ Inflammation TGLS = 1-21 ]			
[ Ulcer TGLS = 2-21,3-22 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 205

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53774

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

MISSING

Thymus

OBSERVATIONS

Bone Marrow		Hypercellularity	Moderate
Kidney	Renal Tubule	Casts	Moderate
		Fibrosis	Minimal
	Renal Tubule	Regeneration	Moderate
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2-22,2-22-1 ]		
	[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1,3-23,3-23-1 ]		
Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 4-2-1 ]		
Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
Preputial Gland	Duct	Cyst	Mild
Prostate		Polyarteritis	Mild
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 206

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53775

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

**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Mild
Kidney		Mineralization	Minimal
Liver		Eosinophilic Focus	Mild
	Hepatocyte	Hypertrophy	Focal, Moderate
			[ Eosinophilic Focus TGLS = 2-21 ]
			[ Hypertrophy TGLS = 4-22.1 ]
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node, Mesenteric		Angiectasis	Moderate
			[ Angiectasis TGLS = 3-5 ]
Preputial Gland	Duct	Cyst	Mild
			[ Cyst TGLS = 1-8 ]
Thyroid Gland	Follicle	Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 207

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53776

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

**OBSERVATIONS**

Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Eosinophilic Focus	Mild
Preputial Gland		Inflammation	Subacute, Moderate
[ Inflammation TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 209

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53778

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

**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 2-8 ]			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 210	<b>TRT#:</b> 7 <b>DOSE:</b> 0.5%	<b>SEX:</b> Male <b>DISP:</b> Accidentally Killed	<b>DAY ON TEST:</b> 7 <b>HISTO:</b> 88-46424
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Heart	Lung	Lymph Node, Mandibular	Mammary Gland
Nose	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Testes	Trachea
Urinary Bladder			

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**MISSING**

Pituitary Gland	Thymus
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**AUTO PRECLUDES DIAG.**

Adrenal Cortex	Adrenal Medulla	Esophagus	Gallbladder
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node, Mesenteric	Pancreas	Parathyroid Gland
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	

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**OBSERVATIONS**

Spleen	Atrophy	Marked
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[ Atrophy TGLS = 1-6 ]

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 211	TRT#: 7 DOSE: 0.5%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 90-53779
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Minimal
Kidney		Infarct	Minimal
		Mineralization	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-2-1 ]			
Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
Spleen		Atrophy	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 212

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53780

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

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-21,2-21-1,2-22 ]			
Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1 ]		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node, Mesenteric		Angiectasis	Marked
[ Angiectasis TGLS = 3-5 ]			
Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 213

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53781

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

**OBSERVATIONS**

Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-21 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 214

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53782

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

**OBSERVATIONS**

Kidney	Renal Tubule	Casts	Mild
		Fibrosis	Mild
		Glomerulosclerosis	Moderate
	Renal Tubule	Regeneration	Moderate
Liver		Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1,2-22,2-22-1 ]			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Mild
[ Alveolar/Bronchiolar Adenoma TGLS = 4-2-2 ]			
[ Hyperplasia TGLS = 3-2-1 ]			
Preputial Gland	Duct	Cyst	Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 215

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53783

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
Lung	Lymph Node, Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
			[ Hepatocellular Adenoma TGLS = 6-24,6-24-1,8-25 ]
			[ Hepatocellular Carcinoma TGLS = 3-21,4-22,4-22-1,5-23,5-23-1 ]
Lymph Node, Mesenteric		Angiectasis	Minimal
			[ Angiectasis TGLS = 7-5 ]
Pituitary Gland	Pars Distalis	Cyst	Minimal
Preputial Gland		Cyst	Mild
			[ Cyst TGLS = 1-8 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 216

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53784

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

**OBSERVATIONS**

Gallbladder	Epithelium	Hyperplasia	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Clear Cell Focus	Moderate
		Vacuolization Cytoplasmic	Minimal
[ Clear Cell Focus TGLS = 2-21 ]			
Preputial Gland	Duct	Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 217	<b>TRT#:</b> 7 <b>DOSE:</b> 0.5%	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 582 <b>HISTO:</b> 90-51509
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Islets, Pancreatic	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**AUTO PRECLUDES DIAG.**

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

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**OBSERVATIONS**

Kidney	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-21 ]			
Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-22 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 218

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53785

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

**OBSERVATIONS**

Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-21 ]			
Nose	Glands	Inflammation	Subacute, Mild
Preputial Gland	Duct	Cyst	Moderate
[ Cyst TGLS = 2-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 219

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53786

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

**OBSERVATIONS**

Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Basophilic Focus	Moderate
		Eosinophilic Focus	Moderate
	[ Basophilic Focus TGLS = 5-23 ]		
	[ Eosinophilic Focus TGLS = 6-24 ]		
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-21 ]		
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 4-22 ]		
Preputial Gland	Duct	Cyst	Moderate
	[ Cyst TGLS = 2-8,2-8-1 ]		
Spleen		Hemangiosarcoma	
		Hyperplasia	Lymphoid, Mild
	[ Hemangiosarcoma TGLS = 3-6 ]		
	[ Hyperplasia TGLS = 3-6 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 220

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53787

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	Liver
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow		Hypercellularity	Moderate
Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Renal	Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 2-21 ]		
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Lymph Node, Mesenteric		Angiectasis	Moderate
Preputial Gland	Duct	Cyst	Mild
Spleen		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 1-6 ]		
Tooth		Dysplasia	Moderate
		Inflammation	Subacute, Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 221

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53788

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
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Testes	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 2-21,2-21-1 ]		
Preputial Gland	Duct	Cyst	Moderate
		Inflammation	Subacute, Moderate
	[ Cyst TGLS = 1-8 ]		
	[ Inflammation TGLS = 1-8 ]		
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicle	Cyst	Moderate
	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 222

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53789

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
Preputial Gland	Duct	Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 223

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53790

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 1-21,1-21-1 ]			
Preputial Gland	Duct	Cyst	Mild
Spleen		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 2-6 ]			

**PRIMARY CAUSE OF DEATH**

-

Animal Note: TGL 1-21&1-21-1 IS LYMPH NODE NOT MESENTERY

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 224

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53791

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

**OBSERVATIONS**

Heart		Fibrosis	Minimal
		Mineralization	Minimal
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Basophilic Focus	Moderate
Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8,2-8 ]			
Spleen		Atrophy	Mild
[ Atrophy TGLS = 3-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 225

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53792

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

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	Mild
		Vacuolization Cytoplasmic	Minimal

[ Hepatocellular Adenoma TGLS = 1-21,2-22 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 226

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53793

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Preputial Gland	Duct	Cyst	Mild
Stomach, Glandular		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 227

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53794

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

**OBSERVATIONS**

Kidney	Mineralization	Minimal
Liver	Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-21,1-21-1 ]		
Lymph Node, Mesenteric	Angiectasis	Moderate
[ Angiectasis TGLS = 2-5 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 228

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53795

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Minimal
Epididymis		Inflammation	Granulomatous, Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Preputial Gland	Duct	Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 229

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53796

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

**OBSERVATIONS**

Adrenal Cortex		Hypertrophy	Minimal
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Mast Cell, Moderate
Preputial Gland	Duct	Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 230

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50988

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

**OBSERVATIONS**

Eye	Retrobulbar	Hemorrhage	Mild
Liver		Basophilic Focus	Mild
		Karyomegaly	Mild

[ Basophilic Focus TGLS = 1-21 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 231

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50989

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

**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 1-2-1 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-21 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 232

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50990

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

**OBSERVATIONS**

Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Mixed Cell Focus	Moderate
		Vacuolization Cytoplasmic	Mild
	[ Mixed Cell Focus TGLS = 3-21 ]		
Nose	Lumen	Hemorrhage	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 233

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50991

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Kidney	Renal Tubule	Regeneration	Minimal
Thyroid Gland	Follicle	Degeneration	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 234

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50992

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

**OBSERVATIONS**

Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 235

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50993

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Kidney	Renal Tubule	Regeneration	Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-21 ]			
Preputial Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 236

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50994

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

**OBSERVATIONS**

Adrenal Cortex	Hypertrophy	Minimal
Kidney	Mineralization	Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 237

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50995

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Kidney	Mineralization	Minimal
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**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 238

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50996

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Kidney		Mineralization	Minimal
Preputial Gland	Duct	Cyst	Mild
		Inflammation	Subacute, Mild
Skin	Subcut Tiss	Hemorrhage	Mild
[ Hemorrhage TGLS = 3-22 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 239

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 188

**DOSE:** 0.5%

**DISP:** Natural Death

**HISTO:** 88-48924

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Islets, Pancreatic	Lung	Lymph Node, Mandibular	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Testes	Thyroid Gland
Trachea			

**MISSING**

Mammary Gland	Pituitary 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	Kidney
Liver	Lymph Node, Mesenteric	Pancreas	Spleen
Stomach, Forestomach	Stomach, Glandular	Urinary Bladder	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 240

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 456

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50997

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

**OBSERVATIONS**

Adrenal Cortex	Hypertrophy	Mild
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**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: p-Nitrobenzoic acid  
 CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
 Time Report Requested: 22:00:42  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 241      TRT#: 2      SEX: Female      DAY ON TEST: 728  
 DOSE: 0.0%      DISP: Moribund Sacrifice      HISTO: 90-53797

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
	X-Zone	Vacuolization Cytoplasmic	Moderate
Harderian Gland		Adenoma	
* Liver		Angiectasis	Moderate
[ Angiectasis TGLS = 4-22 ]			
Lymph Node	Pancreatic	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 5-23,3-21 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 5-23,3-21 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 7-1 ]			
* Spleen		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 2-6 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
[ Hyperplasia TGLS = 6-3 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 242

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53798

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Liver  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Thyroid Gland

\* Adrenal Medulla  
\* Clitoral Gland  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thymus

**OBSERVATIONS**

\* Kidney  
\* Uterus

Renal Tubule

Regeneration  
Dilatation  
Hyperplasia

Minimal  
Moderate  
Cystic, Mild

[ Hyperplasia TGLS = 2-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 243

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53799

**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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Hypertrophy	Mild
* Spleen [ Hyperplasia TGLS = 2-6 ]	Hyperplasia	Lymphoid, Moderate
* Uterus [ Hyperplasia TGLS = 1-7 ]	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Kidney		Infarct	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
		Cystadenoma	
* Ovary			
[ Cystadenoma TGLS = 1-21 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 245

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53801

**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
* Lung	* 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

**OBSERVATIONS**

* Kidney	Renal Tubule	Casts	Minimal
		Glomerulosclerosis	Minimal
* Liver	[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1 ]	Hepatocellular Carcinoma	
* Lymph Node, Mesenteric		Angiectasis	Mild
* Ovary		Cyst	Mild
* Uterus	[ Hyperplasia TGLS = 2-7 ]	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53802

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	X-Zone	Vacuolization Cytoplasmic	Mild
* Kidney		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 1-6 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hemorrhage	Moderate
		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 247

**TRT#:** 2  
**DOSE:** 0.0%

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

**DAY ON TEST:** 735  
**HISTO:** 90-53803

**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	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	Mild
[ Cyst TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Stomach, Forestomach		Hyperplasia	Moderate
[ Hyperplasia TGLS = 4-4-1 ]			
* Stomach, Glandular		Cyst	Mild
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 248

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53804

**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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Skin [ Inflammation TGLS = 1-21 ]	Dermis	Inflammation	Subacute, Minimal
* Spleen [ Hyperplasia TGLS = 4-6 ]		Hyperplasia	Lymphoid, Mild
* Uterus [ Hyperplasia TGLS = 3-7 ]		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 249

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 616

**DOSE:** 0.0%

**DISP:** Natural Death

**HISTO:** 90-51650

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Medulla	Pheochromocytoma Benign	
* Liver	Vacuolization Cytoplasmic	Moderate
* Thymus	Atrophy	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 250

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 689

**DOSE:** 0.0%

**DISP:** Moribund Sacrifice

**HISTO:** 90-52827

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Brain		Carcinoma	Metastatic (Pituitary Gland)
* Kidney	Renal Tubule	Dilatation	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 8-2-1 ]		
* Lymph Node, Mesenteric		Angiectasis	Mild
* Mammary Gland		Adenoma	
	Note: TISSUE NOS-TGL 1-21 IS MAMMARY GLAND		
	[ Adenoma TGLS = 1-21 ]		
Mesentery	Fat	Necrosis	Moderate
		Pigmentation	Hemosiderin, Mild
	[ Necrosis TGLS = 6-22 ]		
* Ovary		Pigmentation	Hemosiderin, Mild
	[ Pigmentation TGLS = 4-7 ]		
* Pituitary Gland	Pars Distalis	Carcinoma	
	[ Carcinoma TGLS = 9-1,10-1 ]		
* Spleen		Congestion	Mild
	[ Congestion TGLS = 5-6 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
	[ Hyperplasia TGLS = 7-3 ]		
* Uterus		Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 3-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 251

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 533

**DOSE:** 0.0%

**DISP:** Moribund Sacrifice

**HISTO:** 89-51365

**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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Bone Marrow		Hypercellularity	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Kidney	Renal Tubule	Casts	Minimal
	Renal Tubule	Glomerulosclerosis	Mild
		Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-21 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			
* Stomach, Forestomach		Hyperplasia	Moderate
[ Hyperplasia TGLS = 4-4-1 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 252

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53805

**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-22 ]			
* Skin	Subcut Tiss	Schwannoma Malignant	
[ Schwannoma Malignant TGLS = 2-21 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 253

**TRT#:** 2  
**DOSE:** 0.0%

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

**DAY ON TEST:** 589  
**HISTO:** 90-51510

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

**OBSERVATIONS**

* Bone Marrow		Hypercellularity	Marked
* Kidney	Renal Tubule	Casts	Moderate
	Renal Tubule	Glomerulosclerosis	Moderate
	[ Casts TGLS = 7-5 ]	Regeneration	Mild
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 9-24,10-25 ]	Inflammation	Subacute, Mild
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
	Inguinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLS = 1-21,12-27,13-2,11-26 ]		
	[ Hyperplasia TGLS = 1-21,12-27,13-2,11-26 ]		
	[ Hyperplasia TGLS = 1-21,12-27,13-2,11-26 ]		
	[ Hyperplasia TGLS = 1-21,12-27,13-2,11-26 ]		
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 2-22 ]		
* Ovary		Abscess	Marked
	[ Abscess TGLS = 3-7 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 253

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 589

**DOSE:** 0.0%

**DISP:** Moribund Sacrifice

**HISTO:** 90-51510

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hematopoietic Cell Proliferation TGLS = 6-6 ]

Vagina

Squamous Cell Papilloma

[ Squamous Cell Papilloma TGLS = 5-23 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 254

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Brain

OBSERVATIONS

* Bone	Femur	Fibrous Osteodystrophy	Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
[ Hyperplasia TGLS = 6-2-1 ]			
Lymph Node	Renal	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 5-22 ]			
* Lymph Node, Mesenteric		Cyst	Mild
* Nose	Glands	Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skeletal Muscle		Hemangiosarcoma	
Note: TISSUE NOS(TGL 2-21) IS SKELETAL MUSCLE			
[ Hemangiosarcoma TGLS = 2-21 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 255

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 364

**DOSE:** 0.0%

**DISP:** Moribund Sacrifice

**HISTO:** 89-50120

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Hematopoietic Cell Proliferation	Moderate
* Bone Marrow		Hypercellularity	Moderate
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 4-21,5-2 ]			
[ Hyperplasia TGLS = 4-21,5-2 ]			
* Ovary		Inflammation	Suppurative, Marked
[ Inflammation TGLS = 1-22 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 256	<b>TRT#:</b> 2 <b>DOSE:</b> 0.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 735 <b>HISTO:</b> 90-53807
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**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
	[ Hepatocellular Adenoma TGLS = 3-23,4-24,2-22 ]		
	[ Lymphoma Malignant Mixed TGLS = 5-25 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed TGLS = 1-21,7-27 ]		
* Stomach, Forestomach		Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 6-7 ]		

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 257

**TRT#:** 2  
**DOSE:** 0.0%

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

**DAY ON TEST:** 735  
**HISTO:** 90-53808

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-21 ]		
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
* Ovary		Cyst	Mild
	[ Cyst TGLS = 5-7 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLS = 2-6 ]		
* Urinary Bladder		Lymphoma Malignant Lymphocytic	
* Uterus		Dilatation	Mild
		Hyperplasia	Cystic, Moderate
	[ Dilatation TGLS = 4-7 ]		
	[ Hyperplasia TGLS = 3-7 ]		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 258

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53809

**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Mild
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 4-22 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-21 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-1 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 259

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53810

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Heart		Inflammation	Subacute, Minimal
* Ovary		Cyst	Mild
[ Cyst TGLS = 2-7 ]			
* Pancreas	Duct	Cyst	Mild
[ Cyst TGLS = 5-22 ]			
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 1-21+21-1 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 4-6 ]			
* Uterus		Hemorrhage	Mild
[ Hemorrhage TGLS = 7-7-2 ]		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-7,6-7-1 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 260

TRT#: 2  
DOSE: 0.0%

SEX: Female  
DISP: Terminal Sacrifice

DAY ON TEST: 735  
HISTO: 90-53811

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-21 ]			
* Pituitary Gland	Pars Intermed	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Carcinoma	
[ Carcinoma TGLS = 4-22 ]			
* Uterus		Dilatation	Mild
		Hemorrhage	Mild
		Hyperplasia	Cystic, Moderate
[ Hemorrhage TGLS = 2-7,5-23 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 261

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53812

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-21 ]			
* Pancreas	Duct	Cyst	Moderate
[ Cyst TGLS = 3-22 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]		Leiomyosarcoma	
[ Leiomyosarcoma TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 262

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53813

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Brain		Cyst	Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 7-23,8-24 ]		
* Liver		Eosinophilic Focus	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 5-22,5-22-1 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 3-21,4-21-1 ]		
* Stomach, Forestomach		Hyperplasia	Mild
	[ Hyperplasia TGLS = 9-4-1 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 6-7 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 263

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53814

**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	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Liver	Mixed Cell Focus	Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Uterus	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 264

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53815

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      |
| * Lung                      | * Lymph Node, Mandibular | * Lymph Node, Mesenteric   | * Mammary Gland           |
| * Nose                      | * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         |
| * Salivary Glands           | * Skin                   | * Spleen                   | * Stomach, Forestomach    |
| * Stomach, Glandular        | * Thymus                 | * Thyroid Gland            | * Trachea                 |
| * Urinary Bladder           | * Uterus                 |                            |                           |

OBSERVATIONS

- |          |  |                        |         |
|----------|--|------------------------|---------|
| * Kidney |  | Mineralization         | Minimal |
|          | Renal Tubule                           | Regeneration           | Minimal |
| * Liver  |  | Hepatocellular Adenoma |         |
|          | [ Hepatocellular Adenoma TGLS = 1-21 ] |                        |         |
| * Ovary  |  | Cyst                   | Mild    |
|          | [ Cyst TGLS = 3-7 ]                    |                        |         |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 265

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Brain		Compression	Moderate
[ Compression TGLS = 5-1-1 ]			
* Kidney	Renal Tubule	Casts	Mild
		Glomerulosclerosis	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-21,3-21-1 ]			
* Lung	Alveolar Epith	Hepatocellular Carcinoma	Metastatic (Liver)
		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Mammary Gland		Hyperplasia	Lobular, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-1 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperplasia	Moderate
[ Hyperplasia TGLS = 6-4-1 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 266

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53817

**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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 267

**TRT#:** 2  
**DOSE:** 0.0%

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

**DAY ON TEST:** 735  
**HISTO:** 90-53818

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 2-6 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 268

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Infiltration Cellular	Lymphocyte, Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Basophilic Focus	Marked
[ Basophilic Focus TGLS = 2-21.1 ]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
		Sarcoma Stromal	
[ Hyperplasia TGLS = 1-7 ]			
[ Sarcoma Stromal TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 269

TRT#: 2

DOSE: 0.0%

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 693

HISTO: 90-52828

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

OBSERVATIONS

* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Necrosis	Moderate
* Lung	Mediastinum	Hemangiosarcoma	Metastatic (Spleen)
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 6-22,7-23,8-2 ]			
[ Hyperplasia TGLS = 6-22,7-23,8-2 ]			
[ Hyperplasia TGLS = 6-22,7-23,8-2 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Spleen		Hemangiosarcoma	
		Hyperplasia	Lymphoid, Mild
[ Hemangiosarcoma TGLS = 5-21 ]			
[ Hyperplasia TGLS = 4-6 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 270

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53820

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Liver [ Hepatocellular Adenoma TGLS = 1-21 ]	Hepatocellular Adenoma	Multiple
* Lung [ Alveolar/Bronchiolar Adenoma TGLS = 3-2-1 ]	Alveolar/Bronchiolar Adenoma	
* Uterus [ Hyperplasia TGLS = 2-7 ]	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 271

TRT#: 2  
DOSE: 0.0%

SEX: Female  
DISP: Terminal Sacrifice

DAY ON TEST: 735  
HISTO: 90-53821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Hyperplasia Mineralization	Minimal Minimal
	Renal Tubule	Regeneration Cyst	Minimal Mild
* Ovary			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 272	<b>TRT#:</b> 2 <b>DOSE:</b> 0.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 735 <b>HISTO:</b> 90-53822
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**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
* Liver		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 3-6 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-1 ]			
* Stomach, Forestomach		Hyperplasia	Marked
		Inflammation	Subacute, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 273

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: 90-53823

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

OBSERVATIONS

Eye [ Inflammation TGLS = 1-21 ]	Cornea	Inflammation	Subacute, Mild
Harderian Gland [ Adenoma TGLS = 7-23 ]		Adenoma	
* Liver [ Hepatocellular Adenoma TGLS = 5-22 ]		Hepatocellular Adenoma	
* Ovary [ Cyst TGLS = 3-7 ]		Cyst	Mild
* Spleen [ Hyperplasia TGLS = 4-6 ]		Hyperplasia	Lymphoid, Moderate
* Uterus [ Hyperplasia TGLS = 2-7 ]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 274

**TRT#:** 2  
**DOSE:** 0.0%

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

**DAY ON TEST:** 735  
**HISTO:** 90-53824

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Minimal
* Ovary		Cyst	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Dilatation	Mild
		Hyperplasia	Cystic, Mild

[ Dilatation TGLS = 1-7 ]

[ Hyperplasia TGLS = 2-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 275

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53825

**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	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 9-24 ]		
* Liver		Lymphoma Malignant Lymphocytic	
* Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 5-21,7-22,6-2-1,8-25 ]		
	[ Lymphoma Malignant Lymphocytic TGLS = 5-21,7-22,6-2-1,8-25 ]		
	[ Lymphoma Malignant Lymphocytic TGLS = 5-21,7-22,6-2-1,8-25 ]		
	[ Lymphoma Malignant Lymphocytic TGLS = 5-21,7-22,6-2-1,8-25 ]		
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 5-21,7-22,6-2-1,8-25 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 5-21,7-22,6-2-1,8-25 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 1-6,2-6 ]		
* Thymus		Lymphoma Malignant Lymphocytic	
* Uterus		Dilatation	Moderate

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 275

**TRT#:** 2  
**DOSE:** 0.0%

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

**DAY ON TEST:** 735  
**HISTO:** 90-53825

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**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Dilatation TGLS = 4-7 ]  
[ Hyperplasia TGLS = 3-7 ]

Hyperplasia

Cystic, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 276

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53826

**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	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Bone	Femur	Fibrous Osteodystrophy	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach		Diverticulum	Moderate
		Inflammation	Subacute, Moderate
		Squamous Cell Papilloma	
[ Diverticulum TGLS = 2-4 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 277

TRT#: 2  
DOSE: 0.0%

SEX: Female  
DISP: Terminal Sacrifice

DAY ON TEST: 735  
HISTO: 90-53827

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney	Infarct	Minimal
	Mineralization	Minimal
* Liver	Vacuolization Cytoplasmic	Minimal
* Uterus	Dilatation	Moderate
	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 278

TRT#: 2

SEX: Female

DAY ON TEST: 639

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: 90-52151

**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	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

Eye	Cataract	Mild
[ Inflammation TGLS = 1-21 ]	Inflammation	Subacute, Mild
Harderian Gland	Adenoma	
[ Adenoma TGLS = 4-22 ]		
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Ovary	Cyst	Mild
[ Cyst TGLS = 2-7 ]		
* Uterus	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 279

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53828

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Bone Marrow		Hemangiosarcoma	
* Heart		Infiltration Cellular	Histiocyte, Moderate
* Kidney	Renal Tubule	Degeneration	Mild
	Renal Tubule	Mineralization	Minimal
		Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-21 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 280

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53829

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed TGLS = 2-6,2-21 ]		
* Uterus		Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 3-7 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 281

**TRT#:** 2  
**DOSE:** 0.0%

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

**DAY ON TEST:** 735  
**HISTO:** 90-53830

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
	[ Alveolar/Bronchiolar Adenoma TGLS = 2-2-1 ]		
* Uterus		Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 282

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Inflammation	Subacute, Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Hemosiderin, Moderate
[ Hyperplasia TGLS = 2-21 ]			
[ Pigmentation TGLS = 2-21 ]			
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 283

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53832

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	Mild
[ Eosinophilic Focus TGLS = 3-22 ]			
Mesentery	Fat	Inflammation	Granulomatous, Mild
[ Inflammation TGLS = 1-21 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 284

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.0%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53833

**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
* Liver		Mixed Cell Focus	Moderate
[ Mixed Cell Focus TGLS = 2-21 ]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 285

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53834

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	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 5-6,5-23,6-6,6-23,4-24 ]			
* Lymph Node, Mandibular		Infiltration Cellular	Mast Cell, Mild
* Pancreas	Acinus	Depletion Secretory	Moderate
[ Depletion Secretory TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-6,2-22 ]			
* Uterus		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 3-21,3-21-1 ]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 286

TRT#: 2

SEX: Female

DAY ON TEST: 423

DOSE: 0.0%

DISP: Natural Death

HISTO: 89-50912

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Pituitary Gland

**AUTO PRECLUDES DIAG.**

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

**OBSERVATIONS**

* Lung Note: TGL 3-21 IS LUNG/MEDIASTINUM [ Lymphoma Malignant Lymphocytic TGLS = 3-21 ]	Mediastinum	Lymphoma Malignant Lymphocytic	
* Thymus Note: THORACIC CAVITY-SMEAR COMPATIBLE WITH LYMPHOMA [ Lymphoma Malignant Lymphocytic TGLS = 4-2,1-63 ]		Lymphoma Malignant Lymphocytic	
* Uterus [ Hyperplasia TGLS = 2-7 ]		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 287

TRT#: 2

DOSE: 0.0%

SEX: Female

DISP: Natural Death

DAY ON TEST: 723

HISTO: 90-53835

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

OBSERVATIONS

* Int Sm Ileum			
Note: TGL 8-22 IS PANCREATIC LN NOT ILEUM			
* Liver		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 6-6 ]			
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 7-21,10-23,5-22,8-22,5-7 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 7-21,10-23,5-22,8-22,5-7 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 7-21,10-23,5-22,8-22,5-7 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 3-7 ]			
* Pancreas		Edema	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			
* Thymus		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 9-2 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 288

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: 90-53836

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-21,2-22 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 7-1 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-6,6-6 ]			
* Uterus		Dilatation	Mild
[ Dilatation TGLS = 4-7 ]		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 5-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 289

TRT#: 2  
DOSE: 0.0%

SEX: Female  
DISP: Terminal Sacrifice

DAY ON TEST: 735  
HISTO: 90-53837

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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-21 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
* Stomach, Forestomach		Hyperplasia	Mild
[ Hyperplasia TGLS = 3-22 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 290

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 533

**DOSE:** 0.0%

**DISP:** Moribund Sacrifice

**HISTO:** 89-51366

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

**OBSERVATIONS**

* Bone Marrow		Hypercellularity	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Subacute, Mild
[ Inflammation TGLS = 5-21 ]			
Lymph Node	Renal	Hyperplasia	Moderate
[ Hyperplasia TGLS = 6-22 ]			
* Ovary		Abscess	Marked
		Cyst	Mild
[ Abscess TGLS = 3-7 ]			
[ Cyst TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 291

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.0%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50913

**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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Ovary		Angiectasis	Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 292

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.0%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50914

**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	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* 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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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 293

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.0%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50915

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Minimal
* Ovary		Angiectasis	Mild
* Uterus		Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 294

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.0%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50916

**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	* Lung	* Lymph Node, Mandibular	* 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		

**OBSERVATIONS**

* Liver		Necrosis	Minimal
* Skin	Dermis	Inflammation	Subacute, Minimal
[ Inflammation TGLS = 1-21 ]			
* Uterus		Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 295

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.0%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50917

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 296

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.0%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50918

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Liver  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Thyroid Gland

\* Adrenal Medulla  
\* Clitoral Gland  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thymus

**OBSERVATIONS**

\* Kidney  
\* Uterus  
[ Hyperplasia TGLS = 2-7 ]

Renal Tubule

Regeneration  
Hyperplasia

Minimal  
Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 297

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.0%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50919

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 298

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:** 457  
**HISTO:** 89-50920

**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	* 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	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 3-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 299

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:** 457  
**HISTO:** 89-50921

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Liver		Hepatocellular Carcinoma Vacuolization Cytoplasmic	Minimal
[ Hepatocellular Carcinoma TGLS = 4-21 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 300

**TRT#:** 2  
**DOSE:** 0.0%

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:** 457  
**HISTO:** 89-50922

**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	* 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

**OBSERVATIONS**

* Liver		Inflammation	Subacute, Minimal
Mesentery		Cyst	Mild
	Fat	Hemorrhage	Mild
[ Cyst TGLS = 2-21 ]			
[ Hemorrhage TGLS = 2-21 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 301	TRT#: 4 DOSE: 0.125%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 90-53838
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ORGAN AND ACCOUNTABLE SITE STATUS

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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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

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OBSERVATIONS

* Ovary		Cystadenoma	
[ Cystadenoma TGLS = 4-7 ]			
* Skin	Subcut Tiss Dermis, Subcut Tiss	Edema Inflammation	Moderate Subacute, Moderate
[ Edema TGLS = 1-21 ]			
[ Inflammation TGLS = 1-21 ]			
* Spleen		Hematopoietic Cell Proliferation Hyperplasia	Mild Lymphoid, Mild
[ Hematopoietic Cell Proliferation TGLS = 5-6 ]			
[ Hyperplasia TGLS = 5-6 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 302	<b>TRT#:</b> 4 <b>DOSE:</b> 0.125%	<b>SEX:</b> Female <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 620 <b>HISTO:</b> 90-51763
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**AUTO PRECLUDES DIAG.**

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

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 4-21 ]			
* Lung	Mediastinum	Inflammation	Subacute, Mild
Mesentery		Inflammation	Subacute, Moderate
* Ovary		Abscess	Marked
[ Abscess TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Erosion	Mild
[ Erosion TGLS = 6-4 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 303

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53839

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Bone	Femur	Fibrous Osteodystrophy	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	Minimal
		Hepatocellular Adenoma	
			[ Eosinophilic Focus TGLS = 3-21 ]
			[ Hepatocellular Adenoma TGLS = 3-21 ]
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
			[ Hyperplasia TGLS = 2-6 ]
* Stomach, Glandular		Cyst	Mild
* Uterus		Dilatation	Moderate
		Hemorrhage	Minimal
		Hyperplasia	Cystic, Mild
			[ Dilatation TGLS = 1-7 ]
			[ Hemorrhage TGLS = 4-22 ]

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 304	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 0.125%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53840

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Ovary

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
	[ Alveolar/Bronchiolar Carcinoma TGLS = 5-2-1 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 4-6,6-6 ]		
* Stomach, Glandular		Hyperplasia	Moderate
	[ Hyperplasia TGLS = 7-22 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Lymphoma Malignant Lymphocytic	
* Uterus		Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 3-7 ]		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 305

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53841

**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Kidney	Mineralization	Minimal
* Liver	Basophilic Focus	Moderate
	Eosinophilic Focus	Minimal
	Infiltration Cellular	Lymphocyte, Moderate
[ Basophilic Focus TGLS = 2-21 ]		
[ Infiltration Cellular TGLS = 3-22 ]		
* Stomach, Forestomach	Hyperplasia	Mild
	Squamous Cell Papilloma	
[ Hyperplasia TGLS = 4-4-1 ]		
[ Squamous Cell Papilloma TGLS = 4-4-1 ]		
* Uterus	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 306

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 526

**DOSE:** 0.125%

**DISP:** Moribund Sacrifice

**HISTO:** 90-51367

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex		Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Brain	Meninges	Histiocytic Sarcoma	
	Olfactory Lobe	Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 14-1,14-1-1,14-1-2 ]		
	[ Histiocytic Sarcoma TGLS = 14-1,14-1-1,14-1-2 ]		
* Clitoral Gland	Duct	Cyst	Moderate
	[ Cyst TGLS = 1-8-1 ]		
* Gallbladder		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 8-5,9-5 ]		
* Liver		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 10-22 ]		
Lymph Node	Iliac	Histiocytic Sarcoma	
	Inguinal	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 12-24,11-23,13-2 ]		
	[ Histiocytic Sarcoma TGLS = 12-24,11-23,13-2 ]		
	[ Histiocytic Sarcoma TGLS = 12-24,11-23,13-2 ]		
	[ Histiocytic Sarcoma TGLS = 12-24,11-23,13-2 ]		
* Lymph Node, Mandibular		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 12-24,11-23,13-2 ]		
* Lymph Node, Mesenteric		Histiocytic Sarcoma	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 306	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 526
	<b>DOSE:</b> 0.125%	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 90-51367

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Histiocytic Sarcoma TGLS = 12-24,11-23,13-2 ]			
Mesentery		Histiocytic Sarcoma	
	Fat	Necrosis	Mild
[ Histiocytic Sarcoma TGLS = 6-21 ]			
[ Necrosis TGLS = 6-21 ]			
* Nose	Glands	Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 4-7 ]			
* Pancreas		Histiocytic Sarcoma	
* Spleen		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 7-6 ]			
* Stomach, Glandular		Histiocytic Sarcoma	
* Thymus		Histiocytic Sarcoma	
* Urinary Bladder		Dilatation	Moderate
[ Dilatation TGLS = 2-8 ]			
* Uterus		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 3-7 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 594

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-51512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Glioma Nos	
		Vacuolization Cytoplasmic	Moderate
* Kidney		Polyarteritis	Moderate
* Liver		Mixed Cell Focus	Mild
[ Mixed Cell Focus TGLS = 2-21 ]			
Mesentery		Polyarteritis	Moderate
* Pancreas	Acinus	Depletion Secretory	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach		Polyarteritis	Moderate
* Stomach, Glandular		Polyarteritis	Moderate
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 309

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53842

**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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Bone	Cranium	Fibrous Osteodystrophy	Moderate
* Ovary		Cyst	Mild
[ Cyst TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 310

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53843

**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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Stomach, Forestomach		Hyperplasia	Mild
[ Hyperplasia TGLS = 4-22 ]			
* Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Mild
[ Dilatation TGLS = 3-7 ]			
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 311	<b>TRT#:</b> 4 <b>DOSE:</b> 0.125%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 90-53844
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

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**OBSERVATIONS**

* Spleen [ Hematopoietic Cell Proliferation TGLS = 1-6 ]	Hematopoietic Cell Proliferation	Moderate
* Uterus	Dilatation Hyperplasia	Moderate Cystic, Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 312

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53845

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Hypertrophy	Mild
* Bone Marrow	Lymphoma Malignant Lymphocytic	
* Kidney	Lymphoma Malignant Lymphocytic	
* Liver	Fatty Change	Focal, Mild
	Lymphoma Malignant Lymphocytic	
[ Fatty Change TGLS = 3-21 ]		
* Lung	Lymphoma Malignant Lymphocytic	
* Spleen	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 2-6 ]		
* Urinary Bladder	Lymphoma Malignant Lymphocytic	
* Uterus	Dilatation	Moderate
	Hyperplasia	Cystic, Mild
[ Dilatation TGLS = 1-7 ]		
[ Hyperplasia TGLS = 4-7 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53846

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
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Lymphoma Malignant Lymphocytic	
* Liver		Basophilic Focus	Marked
[ Basophilic Focus TGLS = 5-21 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
* Pancreas		Lymphoma Malignant Lymphocytic	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 3-6 ]			
* Stomach, Glandular		Cyst	Mild
* Thymus		Lymphoma Malignant Lymphocytic	
* Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 314

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53847

**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Eosinophilic Focus Hepatocellular Adenoma	Mild
[ Hepatocellular Adenoma TGLS = 3-22 ]			
* Lung		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Multiple Histiocyte, Mild
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-21,4-2-1 ]			
[ Infiltration Cellular TGLS = 5-2 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 4-7,5-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Dermis	Inflammation	Subacute, Minimal
[ Inflammation TGLS = 2-22 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 6-23,3-7 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 316	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 0.125%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53849

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

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**MISSING**

\* Parathyroid Gland

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**OBSERVATIONS**

* Lung		Infiltration Cellular	Lymphocyte, Mild
* Nose	Lumen	Fungus	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Subcut Tiss	Fibrosarcoma	
	[ Fibrosarcoma TGLS = 1-21,1-21-1 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-6 ]		
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 317

TRT#: 4

SEX: Female

DAY ON TEST: 550

DOSE: 0.125%

DISP: Natural Death

HISTO: 90-51513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney	Histiocytic Sarcoma	
* Liver	Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 2-6,3-21 ]		
* Lymph Node, Mandibular	Angiectasis	Mild
* Ovary	Histiocytic Sarcoma	
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Uterus	Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 1-7 ]		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 318	<b>TRT#:</b> 4 <b>DOSE:</b> 0.125%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 90-53850
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**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	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Stomach, Glandular	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart		Hepatocellular Carcinoma	Metastatic (Liver)
[ Hepatocellular Carcinoma TGLS = 12-5,12-24 ]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Minimal
[ Hematopoietic Cell Proliferation TGLS = 16-26 ]			
[ Hepatocellular Carcinoma TGLS = 6-22 ]			
[ Vacuolization Cytoplasmic TGLS = 16-26 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[ Alveolar/Bronchiolar Adenoma TGLS = 8-2-5 ]			
[ Hepatocellular Carcinoma TGLS = 9-2-4,10-2-3,11-2-2 ]			
* Ovary		Cyst	Marked
		Cystadenoma	
[ Cyst TGLS = 2-7 ]			
[ Cystadenoma TGLS = 2-7 ]			
* Pancreas	Acinus	Depletion Secretory	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skeletal Muscle		Hepatocellular Carcinoma	Metastatic (Liver)
[ Hepatocellular Carcinoma TGLS = 7-23 ]			
* Skin	Subcut Tiss	Thymoma Malignant	Metastatic (Thymus)
[ Thymoma Malignant TGLS = 1-28 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 318	<b>TRT#:</b> 4 <b>DOSE:</b> 0.125%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 90-53850
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Hematopoietic Cell Proliferation TGLS = 5-6 ] [ Hyperplasia TGLS = 5-6,5-21 ]	Hematopoietic Cell Proliferation Hyperplasia	Marked Lymphoid, Moderate
* Stomach, Forestomach [ Hepatocellular Carcinoma TGLS = 17-4-1 ]	Hepatocellular Carcinoma	Metastatic (Liver)
* Thymus Note: TISSUE NOS(TGL 14-27) IS THYMUS [ Hepatocellular Carcinoma TGLS = 13-2-1,14-27 ]	Hepatocellular Carcinoma	Metastatic (Liver)
* Thyroid Gland Follicular Cel	Hyperplasia	Mild
* Uterus [ Angiectasis TGLS = 4-25 ] [ Dilatation TGLS = 3-7 ] [ Thrombosis TGLS = 4-25 ]	Angiectasis Dilatation Hyperplasia Thrombosis	Moderate Moderate Cystic, Moderate Marked

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53851

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

OBSERVATIONS

* Liver	Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	Marked
[ Eosinophilic Focus TGLS = 5-23,6-24 ] [ Hepatocellular Adenoma TGLS = 3-22 ] [ Hepatocellular Carcinoma TGLS = 2-21+21-1 ]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric	Angiectasis	Moderate
[ Angiectasis TGLS = 4-5 ]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Uterus	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 320

TRT#: 4

SEX: Female

DAY ON TEST: 400

DOSE: 0.125%

DISP: Natural Death

HISTO: 89-50923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

\* Thymus

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Bone Marrow		Hypercellularity	Marked
* Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 5-2 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 5-2 ]			
* Ovary		Inflammation	Suppurative, Marked
[ Inflammation TGLS = 3-21 ]			
* Pancreas		Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			

PRIMARY CAUSE OF DEATH

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Animal Note: TGL 5-2 IS MEDIASTINAL LN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 321

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53852

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Clitoral Gland	Duct	Cyst	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Basophilic Focus	Moderate
* Uterus		Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 322	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 0.125%	DISP: Terminal Sacrifice	HISTO: 90-53853

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ORGAN AND ACCOUNTABLE SITE STATUS

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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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

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OBSERVATIONS

* Adrenal Cortex	X-Zone	Vacuolization Cytoplasmic	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-21 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Adenoma	
[ Adenoma TGLS = 2-1,2-1 ]			
[ Adenoma TGLS = 2-1,2-1 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-7 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 323	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 701
	<b>DOSE:</b> 0.125%	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 90-52889

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Clitoral Gland	Duct	Cyst	Mild
* Gallbladder		Inflammation	Subacute, Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Necrosis	Marked
		Thrombosis	Moderate
[ Necrosis TGLS = 8-22 ]			
[ Thrombosis TGLS = 8-22 ]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 9-2,9-2-1 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 3-7 ]			
* Pancreas	Duct	Cyst	Marked
	Duct	Degeneration	Moderate
	Duct	Inflammation	Chronic, Moderate
[ Cyst TGLS = 7-21 ]			
[ Inflammation TGLS = 7-21 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 6-6 ]			
* Uterus		Cyst	Moderate
		Hyperplasia	Cystic, Moderate
[ Cyst TGLS = 5-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 323

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 701

**DOSE:** 0.125%

**DISP:** Moribund Sacrifice

**HISTO:** 90-52889

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 4-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 324

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53854

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	* Lung	* 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			

OBSERVATIONS

* Liver		Hepatocellular Adenoma Mineralization	Moderate
[ Hepatocellular Adenoma TGLS = 3-22,3-22-1 ] [ Mineralization TGLS = 3-22 ]			
* Lymph Node, Mandibular		Cyst	Mild
		Hyperplasia	Lymphoid, Mild
* Skin	Dermis	Inflammation	Subacute, Minimal
[ Inflammation TGLS = 1-21,2-8 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 4-7 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:42  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 325

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 685

**DOSE:** 0.125%

**DISP:** Moribund Sacrifice

**HISTO:** 90-52829

**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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Clitoral Gland	Duct	Cyst	Mild
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 7-22 ] [ Hepatocellular Carcinoma TGLS = 4-21 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 5-2-1 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 3-6 ]		
* Stomach, Forestomach		Squamous Cell Papilloma	
	[ Squamous Cell Papilloma TGLS = 6-4-1 ]		
* Uterus		Dilatation Hyperplasia	Moderate Cystic, Moderate
	[ Dilatation TGLS = 2-7 ] [ Hyperplasia TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 326

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53855

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

OBSERVATIONS

Harderian Gland		Adenoma	
* Lung	Alveolar Epith	Hyperplasia	Mild
* Ovary		Cyst	Mild
[ Cyst TGLS = 2-7 ]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 327

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-52856

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

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	Moderate
* Ovary		Cyst	Moderate
		Luteoma	
[ Cyst TGLS = 1-7 ]			
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
[ Hyperplasia TGLS = 2-7 ]			
[ Polyp Stromal TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:42  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 328

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53857

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Mixed Cell Focus	Mild
[ Mixed Cell Focus TGLS = 2-21 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 329

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53858

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

OBSERVATIONS

* Bone	Cranium	Fibrous Osteodystrophy	Moderate
* Liver		Lymphoma Malignant Lymphocytic	
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-21 ]			
* Ovary		Cyst	Marked
[ Cyst TGLS = 2-7 ]			
* Spleen		Lymphoma Malignant Lymphocytic	
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 330

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53859

**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
* Liver		Lymphoma Malignant Mixed	
		Necrosis	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 331	<b>TRT#:</b> 4 <b>DOSE:</b> 0.125%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 90-53860
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**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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Kidney	Renal Tubule	Casts	Mild
		Fibrosis	Minimal
		Glomerulosclerosis	Mild
	Renal Tubule	Regeneration	Mild
* Liver	[ Hepatocellular Carcinoma TGLS = 2-21,2-21-1,2-21-2 ]	Hepatocellular Carcinoma	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas	[ Congestion TGLS = 1-7 ]	Congestion	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 332	<b>TRT#:</b> 4 <b>DOSE:</b> 0.125%	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 678 <b>HISTO:</b> 90-52830
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**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Liver		Developmental Malformation Hepatocellular Adenoma	Multiple
[ Developmental Malformation TGLS = 7-26 ] [ Hepatocellular Adenoma TGLS = 5-24,6-25 ]			
* Lung		Hemorrhage Hyperplasia	Minimal Lymphoid, Moderate
Lymph Node	Axillary		
[ Hyperplasia TGLS = 3-23 ]			
* Skin	Subcut Tiss Epidermis	Inflammation Necrosis Parakeratosis	Subacute, Marked Moderate Mild
[ Inflammation TGLS = 1-21 ] [ Necrosis TGLS = 1-21 ] [ Parakeratosis TGLS = 2-22 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 4-7 ]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TISSUE PROCESSING ARTIFACT

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 333

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 681

**DOSE:** 0.125%

**DISP:** Moribund Sacrifice

**HISTO:** 90-52831

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Bone	Femur	Fibrous Osteodystrophy	Moderate
* Clitoral Gland	Duct	Cyst	Mild
Eye		Atrophy	Marked
[ Atrophy TGLS = 5-23 ]			
Harderian Gland		Inflammation	Chronic, Marked
[ Inflammation TGLS = 4-23 ]			
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2-21,3-22 ]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: p-Nitrobenzoic acid  
 CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
 Time Report Requested: 22:00:43  
 First Dose M/F: NA / NA  
 Lab: SRI

<b>ANIMAL ID:</b> 334	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 0.125%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53861

**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	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant Mixed
[ Lymphoma Malignant Mixed TGLS = 18-31 ]		
* Kidney		Lymphoma Malignant Mixed
[ Lymphoma Malignant Mixed TGLS = 6-29,7-5,16-30 ]		
* Liver		Hepatocellular Adenoma
[ Hepatocellular Adenoma TGLS = 8-24 ]		Lymphoma Malignant Mixed
* Lung		Lymphoma Malignant Mixed
Lymph Node	Axillary	Lymphoma Malignant Mixed
	Iliac	Lymphoma Malignant Mixed
	Inguinal	Lymphoma Malignant Mixed
	Mediastinal	Lymphoma Malignant Mixed
	Renal	Lymphoma Malignant Mixed
[ Lymphoma Malignant Mixed TGLS = 1-21,2-22,13-2-1,10-28,9-25,11-26 ]		
[ Lymphoma Malignant Mixed TGLS = 1-21,2-22,13-2-1,10-28,9-25,11-26 ]		
[ Lymphoma Malignant Mixed TGLS = 1-21,2-22,13-2-1,10-28,9-25,11-26 ]		
[ Lymphoma Malignant Mixed TGLS = 1-21,2-22,13-2-1,10-28,9-25,11-26 ]		
[ Lymphoma Malignant Mixed TGLS = 1-21,2-22,13-2-1,10-28,9-25,11-26 ]		
* Lymph Node, Mandibular		Lymphoma Malignant Mixed
[ Lymphoma Malignant Mixed TGLS = 1-21,2-22,13-2-1,10-28,9-25,11-26 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed
[ Lymphoma Malignant Mixed TGLS = 1-21,2-22,13-2-1,10-28,9-25,11-26 ]		
Mesentery	Fat	Lymphoma Malignant Mixed

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 334	<b>TRT#:</b> 4 <b>DOSE:</b> 0.125%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 90-53861
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Fat	Necrosis	Mild
[ Necrosis TGLS = 4-32 ]		
* Ovary	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 14-7,15-7-1 ]		
* Pancreas	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 5-27 ]		
* Salivary Glands	Lymphoma Malignant Mixed	
* Spleen	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 3-6,3-6-1,3-23 ]		
* Stomach, Forestomach	Lymphoma Malignant Mixed	
* Thymus	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 17-2 ]		
* Uterus	Hyperplasia	Cystic, Moderate

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 335	<b>TRT#:</b> 4 <b>DOSE:</b> 0.125%	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 685 <b>HISTO:</b> 90-52832
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Bone Marrow		Hemangiosarcoma	
* Liver		Angiectasis	Moderate
		Hematopoietic Cell Proliferation	Mild
[ Angiectasis TGLS = 8-6-1 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 11-2-1 ]			
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 9-22 ]			
* Lymph Node, Mandibular		Angiectasis	Mild
[ Angiectasis TGLS = 1-8 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 3-7 ]			
* Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 7-6 ]			
* Uterus		Dilatation	Mild
		Hyperplasia	Cystic, Mild
[ Dilatation TGLS = 5-7 ]			
[ Hyperplasia TGLS = 4-7 ]			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 336

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53862

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
* Uterus		Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 337

TRT#: 4

SEX: Female

DAY ON TEST: 598

DOSE: 0.125%

DISP: Moribund Sacrifice

HISTO: 90-51580

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
Lymph Node	Renal	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 5-22 ]			
* Skin	Subcut Tiss	Basal Cell Carcinoma	
[ Basal Cell Carcinoma TGLS = 1-21 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 338	<b>TRT#:</b> 4 <b>DOSE:</b> 0.125%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 90-53863
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Adenoma TGLS = 3-22,4-23 ]			
* Skin	Dermis	Inflammation	Subacute, Minimal
[ Inflammation TGLS = 1-21 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 339

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53864

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	Ear	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

**OBSERVATIONS**

* Kidney		Lymphoma Malignant Lymphocytic	
* Liver		Lymphoma Malignant Lymphocytic	
* Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Inguinal	Lymphoma Malignant Lymphocytic	
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
* Spleen		Lymphoma Malignant Lymphocytic	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Lymphoma Malignant Lymphocytic	
* Uterus		Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 2-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 340

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53865

**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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 341	<b>TRT#:</b> 4 <b>DOSE:</b> 0.125%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 90-53866
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**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	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma Mixed Cell Focus	Mild
[ Hepatocellular Adenoma TGLS = 3-22 ]			
[ Mixed Cell Focus TGLS = 4-23 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Angiectasis	Mild
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-21 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-1 ]			
* Stomach, Forestomach		Hyperplasia	Moderate
		Ulcer	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 342

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53867

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Marked
[ Eosinophilic Focus TGLS = 2-21 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 343	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 701
	<b>DOSE:</b> 0.125%	<b>DISP:</b> Natural Death	<b>HISTO:</b> 90-52890

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Clitoral Gland	Duct	Cyst	Mild
* Kidney	Renal Tubule	Casts	Mild
		Glomerulosclerosis	Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Basophilic Focus	Mild
	[ Hepatocellular Carcinoma TGLS = 4-21,5-22 ]	Hepatocellular Carcinoma	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 3-6 ]	Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLS = 3-6 ]		
* Stomach, Forestomach		Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 2-7 ]		

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 344

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53868

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Lymphoma Malignant Mixed	
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Lymphoma Malignant Mixed	
* Liver		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 5-22 ]			
Lymph Node	Renal	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 4-21 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 3-6-1,1-6-1,1-23,1-24 ]			
* Uterus		Dilatation	Moderate
[ Dilatation TGLS = 2-7 ]		Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 345

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53869

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

OBSERVATIONS

* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 6-23 ]			
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 2-21,2-21-1,4-24,7-2-1 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 2-21,2-21-1,4-24,7-2-1 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 2-21,2-21-1,4-24,7-2-1 ]			
Mesentery	Fat	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 5-22 ]			
* Ovary		Lymphoma Malignant Lymphocytic	
* Pancreas		Lymphoma Malignant Lymphocytic	
* Spleen		Lymphoma Malignant Lymphocytic	
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 346

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 0.125%

DISP: Terminal Sacrifice

HISTO: 90-53870

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 1-21,2-22 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 347

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53871

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

**OBSERVATIONS**

* Intestine Small, Jejunum [ Lymphoma Malignant Lymphocytic TGLS = 2-21,2-21-1 ]	Peyers Patch	Lymphoma Malignant Lymphocytic	
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric [ Lymphoma Malignant Lymphocytic TGLS = 3-22,3-22-1 ]		Lymphoma Malignant Lymphocytic	
* Spleen [ Lymphoma Malignant Lymphocytic TGLS = 1-6 ]		Lymphoma Malignant Lymphocytic	
* Uterus [ Hyperplasia TGLS = 4-7 ]		Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 348

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53872

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Bone	Cranium	Fibrous Osteodystrophy	Moderate
* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Kidney		Lymphoma Malignant Lymphocytic	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Lymphoma Malignant Lymphocytic	
* Lung		Alveolar/Bronchiolar Carcinoma	
		Lymphoma Malignant Lymphocytic	
		[ Alveolar/Bronchiolar Carcinoma TGLS = 2-2-1 ]	
* Lymph Node, Mesenteric		Angiectasis	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
		[ Adenoma TGLS = 4-1 ]	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
		[ Hematopoietic Cell Proliferation TGLS = 1-6 ]	
		[ Lymphoma Malignant Lymphocytic TGLS = 1-6 ]	
* Thymus		Lymphoma Malignant Lymphocytic	
* Urinary Bladder		Lymphoma Malignant Lymphocytic	
* Uterus		Hyperplasia	Cystic, Mild
		[ Hyperplasia TGLS = 3-7 ]	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 349

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0.125%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53873

**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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Spindle Cell	Hyperplasia	Moderate
* Ovary		Cyst	Moderate
[ Cyst TGLS = 3-7 ]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 350

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 657

**DOSE:** 0.125%

**DISP:** Natural Death

**HISTO:** 90-52605

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

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Pancreas
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**OBSERVATIONS**

* Kidney [ Glomerulosclerosis TGLS = 3-5 ]	Glomerulosclerosis	Moderate
* Liver [ Necrosis TGLS = 4-6 ]	Necrosis	Mild
* Lymph Node, Mesenteric Mesentery	Angiectasis Inflammation	Moderate Subacute, Moderate
* Ovary [ Abscess TGLS = 1-7-1 ]	Abscess	Marked
* Spleen [ Hematopoietic Cell Proliferation TGLS = 2-6 ]	Hematopoietic Cell Proliferation Necrosis	Moderate Moderate
* Stomach, Glandular [ Erosion TGLS = 5-4-1 ]	Cyst Erosion	Mild Mild
* Uterus	Dilatation Hyperplasia	Mild Cystic, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 351

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50924

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

**OBSERVATIONS**

* Ovary [ Cyst TGLS = 1-7 ]	Cyst	Moderate
* Uterus [ Hyperplasia TGLS = 2-7 ]	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 352

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50925

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Liver  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Thyroid Gland

\* Adrenal Medulla  
\* Clitoral Gland  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thymus

**OBSERVATIONS**

\* Kidney  
\* Uterus

Mineralization  
Dilatation  
Hyperplasia

Minimal  
Moderate  
Cystic, Moderate

[ Dilatation TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 353

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50926

**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	* 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		

**OBSERVATIONS**

* Adrenal Cortex	X-Zone	Vacuolization Cytoplasmic	Mild
* Kidney	Renal Tubule	Casts	Mild
* Uterus		Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 354

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50927

**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	* 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

**OBSERVATIONS**

* Uterus	Hyperplasia	Cystic, Mild
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[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 355

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50928

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Liver	Eosinophilic Focus	Mild
[ Eosinophilic Focus TGLS = 2-21 ]		
* Uterus	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 356

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50929

**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	X-Zone	Vacuolization Cytoplasmic	Mild
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-6 ]			
* Ovary		Cyst	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 357

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50930

**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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	X-Zone	Vacuolization Cytoplasmic	Mild
* Ovary		Cyst	Mild
* Stomach, Forestomach		Hyperplasia	Mild
[ Hyperplasia TGLS = 2-4-1 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 358

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50931

**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
* 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	

**OBSERVATIONS**

* Adrenal Cortex	X-Zone	Vacuolization Cytoplasmic	Mild
* Uterus		Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 359

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50932

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Liver	Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-21 ]		
* Uterus	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 360

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.125%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50933

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

**OBSERVATIONS**

* Ovary [ Cyst TGLS = 1-7 ]	Cyst	Moderate
* Uterus [ Hyperplasia TGLS = 2-7 ]	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 361

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53874

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-1 ]			
* Skin	Dermis	Inflammation	Subacute, Mild
[ Inflammation TGLS = 1-21 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 362

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 480

**DOSE:** 0.25%

**DISP:** Natural Death

**HISTO:** 89-51331

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* 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	

**AUTO PRECLUDES DIAG.**

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

**OBSERVATIONS**

* Liver	Hepatocellular Adenoma
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[ Hepatocellular Adenoma TGLS = 2-21 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 363

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53875

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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver	Hepatocellular Adenoma Necrosis	Mild
[ Hepatocellular Adenoma TGLS = 3-21 ]		
* Ovary	Cyst	Moderate
[ Cyst TGLS = 1-7 ]		
* Spleen	Hyperplasia	Lymphoid, Moderate
* Stomach, Forestomach	Hyperplasia	Mild
* Uterus	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 364	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 707
	<b>DOSE:</b> 0.25%	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 90-53876

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Clitoral Gland [ Cyst TGLS = 1-8-1 ]	Duct	Cyst	Mild
* Kidney	Renal Tubule	Casts	Minimal
* Liver		Mixed Cell Focus	Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
Mesentery [ Necrosis TGLS = 3-22 ]	Fat	Necrosis	Mild
* Pancreas [ Cyst TGLS = 5-7-1 ]	Duct	Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Skeletal Muscle [ Fibrosarcoma TGLS = 6-23 ]		Fibrosarcoma	
* Uterus [ Hyperplasia TGLS = 4-7 ]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 365

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 589

**DOSE:** 0.25%

**DISP:** Moribund Sacrifice

**HISTO:** 90-51514

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hypercellularity	Mild
* Brain		Compression	Marked
[ Compression TGLS = 9-1 ]			
* Clitoral Gland	Duct	Cyst	Mild
* Liver	Hepatocyte	Fibrosis	Mild
[ Fibrosis TGLS = 5-21 ]		Hypertrophy	Diffuse, Marked
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 6-22 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
* Mammary Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8 ]			
* Ovary		Atrophy	Moderate
* Pancreas	Acinus	Depletion Secretory	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 8-1 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]		Pigmentation	Hemosiderin, Mild
* Stomach, Forestomach		Hyperplasia	Moderate
[ Hyperplasia TGLS = 10-23 ]		Inflammation	Subacute, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 365	<b>TRT#:</b> 6 <b>DOSE:</b> 0.25%	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 589 <b>HISTO:</b> 90-51514
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thyroid Gland [ Hyperplasia TGLS = 7-3 ]	Follicular Cel	Hyperplasia	Marked
* Urinary Bladder [ Dilatation TGLS = 2-8 ]		Dilatation	Moderate
* Uterus [ Hyperplasia TGLS = 3-7 ]		Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 366

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53877

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	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Kidney		Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Cystadenoma	
[ Cystadenoma TGLS = 2-22 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hemangiosarcoma	
		Hyperplasia	Cystic, Moderate
[ Hemangiosarcoma TGLS = 1-21 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 367

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53878

**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
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Liver		Mineralization	Moderate
[ Mineralization TGLS = 4-21 ]			
* Lymph Node, Mesenteric		Angiectasis	Moderate
[ Angiectasis TGLS = 2-5 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Glandular		Cyst	Minimal
		Inflammation	Chronic, Mild
[ Inflammation TGLS = 3-4-1 ]			
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 368	<b>TRT#:</b> 6 <b>DOSE:</b> 0.25%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 90-53879
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**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Kidney		Infiltration Cellular Regeneration	Lymphocyte, Mild Minimal
* Liver	Renal Tubule	Hepatocellular Adenoma	Multiple
Note: SLIDE 23 IS NORMAL LIVER [ Hepatocellular Adenoma TGLS = 1-21+21-1,2-22+22-1 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-1 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 369

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53880

**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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 2-6 ]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 370

TRT#: 6

SEX: Female

DAY ON TEST: 569

DOSE: 0.25%

DISP: Natural Death

HISTO: 90-51515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Liver		Lymphoma Malignant Mixed	
* Lung		Lymphoma Malignant Mixed	
Note: THORACIC FLUID(SLIDE 63) IS LYMPH MAL			
[ Lymphoma Malignant Mixed TGLS = 5-2 ]			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 5-2 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 371	<b>TRT#:</b> 6 <b>DOSE:</b> 0.25%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 90-53881
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**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	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Bone	Femur	Fibrous Osteodystrophy	Mild
* Kidney		Infarct	Minimal
* Lymph Node, Mesenteric		Angiectasis	Moderate
[ Angiectasis TGLS = 4-5 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 3-6 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 372

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 651

**DOSE:** 0.25%

**DISP:** Moribund Sacrifice

**HISTO:** 90-52606

**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
* Liver	* Lymph Node, Mandibular	* 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			

**OBSERVATIONS**

* Clitoral Gland	Duct	Cyst	Mild
* Lung		Congestion	Mild
[ Congestion TGLS = 7-2 ]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 5-22 ]			
* Skin	Subcut Tiss	Sarcoma	
Note: TISSUE NOS(TGL 1-21) IS SKIN			
[ Sarcoma TGLS = 1-21 ]			
* Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Mild
[ Dilatation TGLS = 2-7 ]			
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 373

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53882

**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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Clitoral Gland	Duct	Cyst	Mild
* Liver		Eosinophilic Focus	Moderate
		Necrosis	Mild
* Ovary		Cyst	Marked
[ Cyst TGLS = 1-21 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 374

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53883

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 375

TRT#: 6

SEX: Female

DAY ON TEST: 720

DOSE: 0.25%

DISP: Natural Death

HISTO: 90-53884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Mixed	
* Brain		Compression	Moderate
[ Compression TGLS = 10-1 ]			
* Clitoral Gland	Duct	Cyst	Mild
[ Cyst TGLS = 1-8-1 ]			
* Liver		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 6-6,7-6 ]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 5-7 ]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 2-8 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 8-5 ]			
* Ovary		Cyst	Marked
[ Cyst TGLS = 3-21 ]			
* Pituitary Gland	Pars Distalis	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 9-1 ]			
* Salivary Glands		Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 4-6 ]			
* Stomach, Glandular		Cyst	Mild
		Erosion	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 375

**TRT#:** 6  
**DOSE:** 0.25%

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

**DAY ON TEST:** 720  
**HISTO:** 90-53884

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Erosion TGLS = 11-22 ]

\* Uterus

Hyperplasia

Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 376

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Liver  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Trachea

\* Adrenal Medulla  
\* Clitoral Gland  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Urinary Bladder

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thymus

OBSERVATIONS

\* Kidney  
\* Thyroid Gland  
\* Uterus  
[ Hyperplasia TGLS = 1-7 ]

Follicular Cel

Metaplasia  
Hyperplasia  
Hyperplasia

Osseous, Mild  
Moderate  
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 377

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53886

**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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Clitoral Gland	Duct	Cyst	Minimal
* Intestine Small, Jejunum		Adenocarcinoma	
[ Adenocarcinoma TGLS = 3-24 ]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: SLIDE 23 IS NORMAL LIVER			
[ Hepatocellular Adenoma TGLS = 2-22+22-1 ]			
[ Hepatocellular Carcinoma TGLS = 4-21+21-1 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-6 ]			
* Stomach, Glandular		Cyst	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 378	<b>TRT#:</b> 6 <b>DOSE:</b> 0.25%	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 629 <b>HISTO:</b> 90-52153
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**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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma Vacuolization Cytoplasmic	Moderate
[ Hepatocellular Adenoma TGLS = 5-23 ]			
[ Vacuolization Cytoplasmic TGLS = 4-22 ]			
* Lung		Fibrosarcoma	Metastatic (Skin)
Lymph Node	Axillary	Fibrosarcoma	Metastatic (Skin)
[ Fibrosarcoma TGLS = 7-24 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[ Fibrosarcoma TGLS = 1-21 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
* Thymus		Fibrosarcoma	Metastatic (Skin)
[ Fibrosarcoma TGLS = 6-2 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 379

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53887

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1 ]		
* Ovary		Cyst	Moderate
	[ Cyst TGLS = 4-7 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-6 ]		
* Stomach, Forestomach		Hyperplasia	Moderate
		Inflammation	Subacute, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
Vagina		Inflammation	Granulomatous, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 380

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53888

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
* Lung	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Lymphoma Malignant Lymphocytic	
* Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 2-8,4-2-1,3-5 ]			
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 2-8,4-2-1,3-5 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 2-8,4-2-1,3-5 ]			
* Pancreas		Lymphoma Malignant Lymphocytic	
* Spleen		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 1-21,1-21-1 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 381

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53889

**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
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Intestine Small, Jejunum [ Lymphoma Malignant Lymphocytic TGLS = 7-22 ]		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric [ Hyperplasia TGLS = 6-5 ]		Hyperplasia	Lymphoid, Moderate
Mesentery Note: TISSUE NOS(TGL 4-21) IS MESENTERY [ Necrosis TGLS = 4-21 ]	Fat	Necrosis	Moderate
* Pituitary Gland [ Adenoma TGLS = 8-1 ]	Pars Distalis	Adenoma	
* Spleen [ Hyperplasia TGLS = 5-6 ]		Hyperplasia	Lymphoid, Moderate
* Uterus [ Cyst TGLS = 2-23 ] [ Hyperplasia TGLS = 1-7 ]		Cyst Hyperplasia	Moderate Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 382

TRT#: 6

SEX: Female

DAY ON TEST: 638

DOSE: 0.25%

DISP: Moribund Sacrifice

HISTO: 90-52154

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, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Intestine Small, Ileum [ Lymphoma Malignant Lymphocytic TGLS = 5-21,6-22 ]	Peyers Patch	Lymphoma Malignant Lymphocytic	
* Liver Lymph Node [ Hyperplasia TGLS = 9-2 ] [ Lymphoma Malignant Lymphocytic TGLS = 7-23,8-24,4-5 ] [ Lymphoma Malignant Lymphocytic TGLS = 7-23,8-24,4-5 ]	Mediastinal Iliac Renal	Hematopoietic Cell Proliferation Hyperplasia Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic	Mild Lymphoid, Moderate
* Lymph Node, Mesenteric [ Lymphoma Malignant Lymphocytic TGLS = 7-23,8-24,4-5 ] Mesentery		Lymphoma Malignant Lymphocytic	
* Pancreas		Inflammation	Subacute, Moderate
* Spleen [ Hematopoietic Cell Proliferation TGLS = 3-6 ] [ Lymphoma Malignant Lymphocytic TGLS = 3-6 ]		Edema Hematopoietic Cell Proliferation Lymphoma Malignant Lymphocytic	Mild Moderate
* Uterus [ Hyperplasia TGLS = 2-7 ]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 383

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53890

**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	* 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

**OBSERVATIONS**

* Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Moderate

[ Dilatation TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 384

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 715

**DOSE:** 0.25%

**DISP:** Natural Death

**HISTO:** 90-53891

**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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Islets, Pancreatic [ Carcinoma TGLS = 3-21 ]		Carcinoma	
* Kidney		Mineralization	Minimal
* Liver [ Hepatocellular Adenoma TGLS = 4-22 ]		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Dilatation	Mild
		Hyperplasia	Cystic, Mild
[ Dilatation TGLS = 2-7 ]			
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 385	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 0.25%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53892

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

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**OBSERVATIONS**

* Liver		Eosinophilic Focus	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus		Hyperplasia	Cystic, Mild

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[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 386

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53893

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
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone	Femur	Fibrous Osteodystrophy	Moderate
* Liver		Eosinophilic Focus	Moderate
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 7-21,8-22,3-8 ]		
	[ Lymphoma Malignant Lymphocytic TGLS = 7-21,8-22,3-8 ]		
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 7-21,8-22,3-8 ]		
* Ovary		Cyst	Mild
		Lymphoma Malignant Lymphocytic	
	[ Cyst TGLS = 5-7-1 ]		
	[ Lymphoma Malignant Lymphocytic TGLS = 4-7 ]		
* Pancreas	Duct	Cyst	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
	[ Angiectasis TGLS = 6-1 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Lymphocytic	
	[ Hematopoietic Cell Proliferation TGLS = 1-6 ]		
	[ Lymphoma Malignant Lymphocytic TGLS = 1-6 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 386

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53893

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 2-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 387

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53894

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	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Histiocytic Sarcoma Lymphoma Malignant Lymphocytic	
[ Histiocytic Sarcoma TGLS = 11-29 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 4-24,5-25,6-26,11-29 ]			
Lymph Node	Iliac	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 8-2,3-23,3-23-1,7-27,10-28 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 8-2,3-23,3-23-1,7-27,10-28 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 8-2,3-23,3-23-1,7-27,10-28 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 8-2,3-23,3-23-1,7-27,10-28 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 2-6,9-6,2-22 ]			
* Thymus		Lymphoma Malignant Lymphocytic	
* Uterus		Histiocytic Sarcoma	
		Hyperplasia	Cystic, Mild
[ Histiocytic Sarcoma TGLS = 1-21,1-21-1 ]			
[ Hyperplasia TGLS = 1-21,1-21-1 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 388	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 0.25%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 90-53895

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Eosinophilic Focus TGLS = 5-23 ]		
	[ Hepatocellular Adenoma TGLS = 4-22 ]		
	[ Hepatocellular Carcinoma TGLS = 2-21 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
	[ Squamous Cell Papilloma TGLS = 3-4-1 ]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 1-7 ]		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 389

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53896

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	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-21,2-21-1 ]			
* Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 3-24,10-27,7-25,8-26 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 3-24,10-27,7-25,8-26 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 3-24,10-27,7-25,8-26 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 3-24,10-27,7-25,8-26 ]			
Mesentery		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 4-23 ]			
* Spleen		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 1-22,1-22-1 ]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 9-4-1 ]			
* Thymus		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 5-2 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 389

**TRT#:** 6  
**DOSE:** 0.25%

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

**DAY ON TEST:** 731  
**HISTO:** 90-53896

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

\* Uterus

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLS = 6-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 390

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53897

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	Moderate
[ Basophilic Focus TGLS = 3-22 ]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal
		Polyp Stromal	
[ Hyperplasia TGLS = 2-7 ]			
[ Polyp Stromal TGLS = 1-21 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 391

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
* Intestine Small, Jejunum [ Hyperplasia TGLS = 6-23 ]	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver [ Hepatocellular Adenoma TGLS = 4-22 ]		Hepatocellular Adenoma	
* Lymph Node, Mesenteric [ Angiectasis TGLS = 5-5 ]		Angiectasis	Mild
Mesentery [ Necrosis TGLS = 3-21 ]	Fat	Necrosis	Mild
* Ovary [ Cyst TGLS = 2-7 ]		Cyst	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus [ Hyperplasia TGLS = 1-7 ]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 392

TRT#: 6

SEX: Female

DAY ON TEST: 624

DOSE: 0.25%

DISP: Moribund Sacrifice

HISTO: 90-52155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Osteopetrosis	Moderate
* Bone Marrow		Histiocytic Sarcoma	
* Brain	Meninges	Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 10-23 ]		
* Kidney		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 6-5,6-5-1 ]		
* Liver		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 7-6 ]		
Lymph Node	Iliac	Histiocytic Sarcoma	
	Inguinal	Histiocytic Sarcoma	
	Pancreatic	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 8-21,4-7,9-22 ]		
	[ Histiocytic Sarcoma TGLS = 8-21,4-7,9-22 ]		
	[ Histiocytic Sarcoma TGLS = 8-21,4-7,9-22 ]		
	[ Histiocytic Sarcoma TGLS = 8-21,4-7,9-22 ]		
* Lymph Node, Mandibular		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 8-21,4-7,9-22 ]		
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 8-21,4-7,9-22 ]		
* Ovary		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 3-7 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 392

**TRT#:** 6  
**DOSE:** 0.25%

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

**DAY ON TEST:** 624  
**HISTO:** 90-52155

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pancreas	Histiocytic Sarcoma	
* Spleen	Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 5-6 ]		
* Thymus	Atrophy	Moderate
Tooth	Histiocytic Sarcoma	
* Uterus	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 393

TRT#: 6

SEX: Female

DAY ON TEST: 707

DOSE: 0.25%

DISP: Moribund Sacrifice

HISTO: 90-53899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Angiectasis	Moderate
	[ Angiectasis TGLS = 5-5 ]		
* Skin	Subcut Tiss	Hemangiosarcoma	
	Subcut Tiss	Hemorrhage	Moderate
	[ Hemangiosarcoma TGLS = 1-21 ]		
	[ Hemorrhage TGLS = 1-21 ]		
* Spleen		Hemangiosarcoma	
	[ Hemangiosarcoma TGLS = 3-6,6-6-1 ]		
* Uterus		Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 2-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 394

TRT#: 6

SEX: Female

DAY ON TEST: 678

DOSE: 0.25%

DISP: Moribund Sacrifice

HISTO: 90-52833

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Bone Marrow	* Thymus
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OBSERVATIONS

* Liver		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
[ Hepatocellular Adenoma TGLS = 6-22 ]			
[ Histiocytic Sarcoma TGLS = 5-6 ]			
* Skin	Subcut Tiss	Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 1-21 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7,3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 395

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 680

**DOSE:** 0.25%

**DISP:** Moribund Sacrifice

**HISTO:** 90-52834

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**INSUFFICIENT TISSUE**

* Bone	* Bone Marrow	* Lymph Node, Mesenteric	* Nose
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**OBSERVATIONS**

* Clitoral Gland	Duct	Cyst	Mild
* Uterus		Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 396

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53900

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Ovary		Cyst	Mild
[ Cyst TGLS = 2-7 ]			
Oviduct		Cyst	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Dilatation	Marked
		Hyperplasia	Cystic, Mild
[ Dilatation TGLS = 3-7 ]			
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 397

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain	Meninges	Infiltration Cellular	Minimal
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 2-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: p-Nitrobenzoic acid  
 CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
 Time Report Requested: 22:00:43  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 398      TRT#: 6      SEX: Female      DAY ON TEST: 720  
 DOSE: 0.25%      DISP: Moribund Sacrifice      HISTO: 90-53902

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	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
Skeletal Muscle		Fibrosarcoma	
Note: TISSUE NOS IS SKELETAL MUSCLE			
[ Fibrosarcoma TGLS = 1-21 ]			
* Stomach, Glandular		Cyst	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 399

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain	Meninges	Lymphoma Malignant Lymphocytic	
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Lymphoma Malignant Lymphocytic	
* Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
* Pancreas		Lymphoma Malignant Lymphocytic	
* Spleen		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 2-6 ]			
* Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	
[ Hyperplasia TGLS = 1-7 ]			
[ Polyp Stromal TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 400	<b>TRT#:</b> 6 <b>DOSE:</b> 0.25%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 90-53904
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**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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
[ Eosinophilic Focus TGLS = 7-24 ]			
[ Hepatocellular Adenoma TGLS = 7-24 ]			
[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1,2-22,2-22-1 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[ Hepatocellular Carcinoma TGLS = 3-3,3-23,3-23-1 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 5-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-1 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 4-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 401

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53905

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Bone

\* Bone Marrow

\* Brain

\* Clitoral Gland

\* Esophagus

\* Gallbladder

\* Heart

\* Intestine Large, Cecum

\* Intestine Large, Colon

\* Intestine Large, Rectum

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

\* Islets, Pancreatic

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Trachea

\* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

\* Kidney

Infiltration Cellular

Lymphocyte, Mild

Renal Tubule

Regeneration

Minimal

\* Pancreas

Acinus

Depletion Secretory

Mild

\* Spleen

Hyperplasia

Lymphoid, Mild

\* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

\* Uterus

Hyperplasia

Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 402

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 689

**DOSE:** 0.25%

**DISP:** Moribund Sacrifice

**HISTO:** 90-52835

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Brain [ Compression TGLS = 4-1 ]		Compression	Moderate
* Ovary [ Cyst TGLS = 2-7 ]		Cyst	Mild
* Pituitary Gland [ Adenoma TGLS = 3-1 ]	Pars Distalis	Adenoma	
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus [ Hyperplasia TGLS = 1-7 ]		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 403

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53906

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Liver  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Trachea

\* Adrenal Medulla  
\* Clitoral Gland  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Urinary Bladder

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thymus

**OBSERVATIONS**

\* Kidney  
  
\* Thyroid Gland  
\* Uterus

Renal Tubule  
Follicular Cel

Mineralization  
Regeneration  
Hyperplasia  
Dilatation  
Hyperplasia

Minimal  
Minimal  
Mild  
Moderate  
Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 404

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 7

**DOSE:** 0.25%

**DISP:** Accidentally Killed

**HISTO:** 88-46425

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Brain  
\* Kidney  
\* Mammary Gland  
\* Trachea

\* Adrenal Medulla  
\* Clitoral Gland  
\* Liver  
\* Salivary Glands

\* Bone  
\* Esophagus  
\* Lung  
\* Skin

\* Bone Marrow  
\* Heart  
\* Lymph Node, Mandibular  
\* Thyroid Gland

**MISSING**

\* Parathyroid Gland

\* Pituitary Gland

**AUTO PRECLUDES DIAG.**

\* Gallbladder  
\* Intestine Small, Duodenum  
\* Lymph Node, Mesenteric  
\* Spleen  
\* Urinary Bladder

\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Nose  
\* Stomach, Forestomach

\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Ovary  
\* Stomach, Glandular

\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Pancreas  
\* Thymus

**OBSERVATIONS**

\* Uterus

Atrophy

Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 405	<b>TRT#:</b> 6 <b>DOSE:</b> 0.25%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 90-53907
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Bone Marrow		Atrophy	Mild
* Brain		Compression	Mild
[ Compression TGLS = 4-1-1 ]			
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 5-21 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-1 ]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach		Hyperplasia	Mild
		Inflammation	Subacute, Moderate
[ Hyperplasia TGLS = 6-4-1 ]			
[ Inflammation TGLS = 6-4-1 ]			
* Thyroid Gland	Follicle	Cyst	Marked
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 406

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53908

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

OBSERVATIONS

* Kidney		Metaplasia	Osseous, Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-22 ]			
* Ovary		Cyst	Marked
[ Cyst TGLS = 2-7 ]			
* Pancreas	Acinus	Depletion Secretory	Mild
* Skin	Dermis	Inflammation	Subacute, Minimal
[ Inflammation TGLS = 1-21 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 407

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 490

**DOSE:** 0.25%

**DISP:** Moribund Sacrifice

**HISTO:** 89-51332

**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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Minimal
* Skin	Schwannoma Nos	
Note: TISSUE NOS IS SKIN [ Schwannoma Nos TGLS = 1-21 ]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Uterus	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 408	TRT#: 6 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 90-53909
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ORGAN AND ACCOUNTABLE SITE STATUS

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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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

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OBSERVATIONS

* Bone	Femur	Fibrous Osteodystrophy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 3-21 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 2-2-1 ]		
* Ovary		Cyst	Minimal
	[ Cyst TGLS = 1-7 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 409

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53910

**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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Clitoral Gland [ Cyst TGLS = 1-8-1 ]	Duct	Cyst	Minimal
* Pancreas * Uterus [ Cyst TGLS = 2-21 ] [ Hyperplasia TGLS = 3-7 ]	Acinus	Atrophy Cyst Hyperplasia	Mild Moderate Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 410

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO: 90-53911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex

\* Brain

\* Heart

\* Intestine Small, Duodenum

\* Kidney

\* Mammary Gland

\* Parathyroid Gland

\* Stomach, Forestomach

\* Trachea

\* Adrenal Medulla

\* Clitoral Gland

\* Intestine Large, Cecum

\* Intestine Small, Ileum

\* Liver

\* Nose

\* Salivary Glands

\* Stomach, Glandular

\* Urinary Bladder

\* Bone

\* Esophagus

\* Intestine Large, Colon

\* Intestine Small, Jejunum

\* Lung

\* Ovary

\* Skin

\* Thymus

\* Bone Marrow

\* Gallbladder

\* Intestine Large, Rectum

\* Islets, Pancreatic

\* Lymph Node, Mesenteric

\* Pancreas

\* Spleen

\* Thyroid Gland

OBSERVATIONS

\* Lymph Node, Mandibular

\* Pituitary Gland

\* Uterus

Pars Distalis

Infiltration Cellular

Hyperplasia

Dilatation

Hyperplasia

Mast Cell, Mild

Mild

Mild

Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 411

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.25%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50934

**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
* 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	

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Minimal
* Uterus		Dilatation	Moderate
[ Dilatation TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 412

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.25%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50935

**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	* 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

**OBSERVATIONS**

* Uterus	Hyperplasia	Cystic, Mild
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[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 413

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 0.25%

DISP: Scheduled Sacrifice

HISTO: 89-50936

**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	X-Zone	Vacuolization Cytoplasmic	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 2-21 ]		
* Uterus		Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 414

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.25%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50937

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Liver [ Hepatocellular Adenoma TGLS = 3-21 ]	Hepatocellular Adenoma	
* Ovary [ Cyst TGLS = 1-7 ]	Cyst	Mild
* Uterus [ Hyperplasia TGLS = 2-7 ]	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 415

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.25%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50938

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Parathyroid Gland	* Pituitary Gland
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**OBSERVATIONS**

* Bone Marrow		Hemangiosarcoma	
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Karyomegaly	Mild
[ Hepatocellular Adenoma TGLS = 5-23 ]			
[ Karyomegaly TGLS = 6-6 ]			
Lymph Node	Renal	Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 4-22 ]			
* Ovary		Cyst	Mild
* Spleen		Hemorrhage	Marked
[ Hemorrhage TGLS = 3-6 ]			
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 416

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 0.25%

DISP: Scheduled Sacrifice

HISTO: 89-50939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Casts	Mild
	Renal Tubule	Regeneration	Mild
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 6-23 ]			
Mesentery	Fat	Inflammation	Suppurative, Moderate
	Fat	Necrosis	Moderate
[ Inflammation TGLS = 5-22 ]			
[ Necrosis TGLS = 5-22 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 3-7 ]			
* Skin		Inflammation	Suppurative, Marked
Note: TISSUE NOS IS SKIN			
[ Inflammation TGLS = 1-21 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 4-6 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 417

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.25%

**DISP:** Scheduled Sacrifice

**HISTO:** 8950940

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Liver  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Thyroid Gland

\* Adrenal Medulla  
\* Clitoral Gland  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thymus

**OBSERVATIONS**

\* Kidney  
\* Uterus

Infiltration Cellular  
Hyperplasia

Lymphocyte, Mild  
Cystic, Mild

[ Hyperplasia TGLS = 2-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 418

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.25%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50941

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Liver [ Cyst TGLS = 3-21 ]	Bile Duct	Cyst	Mild
* Ovary [ Hemorrhage TGLS = 2-7 ]	Follicle	Hemorrhage	Moderate
* Uterus [ Hyperplasia TGLS = 1-7 ]		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 419

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 0.25%

DISP: Scheduled Sacrifice

HISTO: 89-50942

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Liver  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Thyroid Gland

\* Adrenal Medulla  
\* Clitoral Gland  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thymus

**OBSERVATIONS**

\* Kidney                      Renal Tubule  
\* Uterus

Regeneration  
Dilatation  
Hyperplasia

Minimal  
Moderate  
Cystic, Mild

[ Dilatation TGLS = 1-7 ]

[ Hyperplasia TGLS = 2-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 420

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.25%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50943

**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
* Uterus		Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 421

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53912

**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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 422

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53913

**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	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

* Ovary	* Pituitary Gland
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**OBSERVATIONS**

* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 3-2-1 ]			
* Nose	Glands	Cyst	Mild
* Skin	Dermis	Inflammation	Subacute, Minimal
[ Inflammation TGLS = 1-21 ]			
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 423

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53914

**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	* 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

**OBSERVATIONS**

* Uterus	Hyperplasia	Cystic, Moderate
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[ Hyperplasia TGLS = 2-7 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 424

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53915

**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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Bone	Femur	Fibrous Osteodystrophy	Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 425

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 709

**DOSE:** 0.5%

**DISP:** Natural Death

**HISTO:** 90-53916

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

**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant Mixed	
* Kidney		Lymphoma Malignant Mixed	
* Liver		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 8-6,9-6 ]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Deep Cervical	Lymphoma Malignant Mixed	
	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 10-25,11-24,7-23,6-22,5-21 ]			
[ Lymphoma Malignant Mixed TGLS = 10-25,11-24,7-23,6-22,5-21 ]			
[ Lymphoma Malignant Mixed TGLS = 10-25,11-24,7-23,6-22,5-21 ]			
[ Lymphoma Malignant Mixed TGLS = 10-25,11-24,7-23,6-22,5-21 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 10-25,11-24,7-23,6-22,5-21 ]			
* Ovary		Cyst	Mild
		Lymphoma Malignant Mixed	
[ Cyst TGLS = 1-7 ]			
* Pancreas		Lymphoma Malignant Mixed	
Skeletal Muscle		Lymphoma Malignant Mixed	
* Skin	Subcut Tiss	Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 425	<b>TRT#:</b> 8 <b>DOSE:</b> 0.5%	<b>SEX:</b> Female <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 709 <b>HISTO:</b> 90-53916
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant Mixed TGLS = 3-6 ]			
* Stomach, Glandular		Lymphoma Malignant Mixed	
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 2-7 ]			

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PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 426	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 519
	<b>DOSE:</b> 0.5%	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 90-51364

**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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Bone Marrow		Hypercellularity	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney	Renal Tubule	Casts	Mild
		Inflammation	Subacute, Mild
	Renal Tubule	Regeneration	Moderate
Mesentery	Fat	Inflammation	Subacute, Moderate
	Fat	Necrosis	Moderate
	[ Inflammation TGLS = 2-21 ]		
	[ Necrosis TGLS = 2-21 ]		
* Ovary		Cyst	Mild
* Pancreas	Duct	Cyst	Moderate
		Edema	Mild
	[ Cyst TGLS = 5-22 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 4-6 ]		
* Stomach, Glandular		Cyst	Mild
* Uterus		Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 3-7 ]		

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 427

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53917

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Uterus		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 428

TRT#: 8

SEX: Female

DAY ON TEST: 715

DOSE: 0.5%

DISP: Natural Death

HISTO: 90-53918

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	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant Mixed	
	Peyers Patch	Necrosis	Marked
	[ Lymphoma Malignant Mixed TGLS = 6-22 ]		
	[ Necrosis TGLS = 6-22 ]		
* Liver		Eosinophilic Focus	Mild
	[ Eosinophilic Focus TGLS = 4-21 ]		
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed TGLS = 5-5 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[ Lymphoma Malignant Mixed TGLS = 5-5 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-6 ]		
* Uterus		Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-7 ]		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 429

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53919

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Mineralization	Mild
* Ovary		Cyst	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 430	<b>TRT#:</b> 8 <b>DOSE:</b> 0.5%	<b>SEX:</b> Female <b>DISP:</b> Accidentally Killed	<b>DAY ON TEST:</b> 7 <b>HISTO:</b> 88-46426
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

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

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Stomach, Forestomach
* Stomach, Glandular			

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**OBSERVATIONS**

* Spleen [ Atrophy TGLS = 1-6 ]	Atrophy	Marked
* Thymus	Atrophy	Moderate
* Uterus	Atrophy	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 431

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53920

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-21 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 432

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53921

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

**OBSERVATIONS**

* Liver		Eosinophilic Focus	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 4-2-1 ]			
Mesentery	Fat	Hemorrhage	Moderate
[ Hemorrhage TGLS = 1-21,2-22 ]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 433

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Ovary		Hemorrhage	Marked
[ Hemorrhage TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-1 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 434	<b>TRT#:</b> 8 <b>DOSE:</b> 0.5%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> 90-53923
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma Vacuolization Cytoplasmic	Minimal
	[ Hepatocellular Carcinoma TGLS = 1-21,1-21-1 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 3-6 ]		
* Uterus		Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 2-7 ]		

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 435

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Kidney	Renal Tubule	Regeneration	Minimal
Lymph Node	Inguinal	Lymphoma Malignant Lymphocytic	
* Skin	Dermis	Inflammation	Subacute, Minimal
[ Inflammation TGLS = 1-21 ]			
* Spleen		Lymphoma Malignant Lymphocytic	
* Urinary Bladder		Lymphoma Malignant Lymphocytic	
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 436

TRT#: 8

DOSE: 0.5%

SEX: Female

DISP: Natural Death

DAY ON TEST: 637

HISTO: 90-52156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

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

* Bone Marrow	Myeloid Cell	Depletion Cellular	Moderate
* Liver		Hepatocellular Adenoma	
		Inflammation	Subacute, Mild
[ Hepatocellular Adenoma TGLS = 6-22 ]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Moderate
	Inguinal	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLS = 1-8,8-24,7-23 ]			
[ Hyperplasia TGLS = 1-8,8-24,7-23 ]			
[ Hyperplasia TGLS = 1-8,8-24,7-23 ]			
* Lymph Node, Mesenteric		Angiectasis	Marked
[ Angiectasis TGLS = 9-5 ]			
* Ovary		Abscess	Marked
[ Abscess TGLS = 4-21 ]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 5-6 ]			
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 437

TRT#: 8

SEX: Female

DAY ON TEST: 646

DOSE: 0.5%

DISP: Natural Death

HISTO: 90-52607

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      | * Liver                     | * Lung                   | * Lymph Node, Mandibular   |
| * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   | * Pancreas                 |
| * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        | * Skin                     |
| * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 | * Trachea                  |
| * Urinary Bladder         |                             |                          |                            |

OBSERVATIONS

- |                  |   |                                  |                  |
|------------------|---|----------------------------------|------------------|
| * Adrenal Cortex | X-Zone  | Vacuolization Cytoplasmic        | Moderate         |
| * Bone           | Cranium   | Fibrous Osteodystrophy           | Moderate         |
| * Clitoral Gland | Duct  | Cyst                             | Mild             |
|                  |   | Inflammation                     | Subacute, Mild   |
| * Kidney         | Renal Tubule                                    | Dilatation                       | Mild             |
| Lymph Node       | Iliac   | Hyperplasia                      | Lymphoid, Mild   |
|                  | Renal   | Hyperplasia                      | Lymphoid, Mild   |
|                  | [ Hyperplasia TGLS = 9-21,10-22 ]               |                                  |                  |
|                  | [ Hyperplasia TGLS = 9-21,10-22 ]               |                                  |                  |
| * Ovary          |   | Cyst                             | Mild             |
|                  | [ Cyst TGLS = 2-7,3-7 ]                         |                                  |                  |
| * Spleen         |   | Hematopoietic Cell Proliferation | Mild             |
|                  |   | Hyperplasia                      | Lymphoid, Mild   |
|                  | [ Hematopoietic Cell Proliferation TGLS = 7-6 ] |                                  |                  |
|                  | [ Hyperplasia TGLS = 7-6 ]                      |                                  |                  |
| * Thyroid Gland  | Follicular Cel                                  | Carcinoma                        |                  |
|                  | [ Carcinoma TGLS = 8-3 ]                        |                                  |                  |
| * Uterus         |   | Hyperplasia                      | Cystic, Moderate |
|                  | [ Hyperplasia TGLS = 4-7,6-7-1 ]                |                                  |                  |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 438	<b>TRT#:</b> 8 <b>DOSE:</b> 0.5%	<b>SEX:</b> Female <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 584 <b>HISTO:</b> 90-51516
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**AUTO PRECLUDES DIAG.**

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

* Bone Marrow		Hypercellularity	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Lung		Edema	Moderate
		Inflammation	Subacute, Mild
Lymph Node	Mediastinal	Inflammation	Subacute, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 4-21 ]			
Mesentery		Inflammation	Subacute, Moderate
* Ovary		Abscess	Marked
[ Abscess TGLS = 1-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-6 ]			
* Uterus		Dilatation	Mild
[ Dilatation TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 439

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 636

**DOSE:** 0.5%

**DISP:** Moribund Sacrifice

**HISTO:** 90-52157

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Sarcoma	Metastatic (Mesentery)
* Gallbladder		Dilatation	Moderate
[ Dilatation TGLS = 7-6 ]			
* Intestine Small, Duodenum		Sarcoma	Metastatic (Mesentery)
* Kidney	Renal Tubule	Dilatation	Moderate
	Renal Tubule	Regeneration	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Mild
[ Hyperplasia TGLS = 8-24,9-25 ]			
* Lung		Sarcoma	Metastatic (Mesentery)
[ Sarcoma TGLS = 10-2 ]			
Lymph Node	Pancreatic	Sarcoma	Metastatic (Mesentery)
Mesentery		Sarcoma	
[ Sarcoma TGLS = 6-23 ]			
* Ovary		Cyst	Moderate
		Sarcoma	Metastatic (Mesentery)
[ Cyst TGLS = 3-7 ]			
* Pancreas		Sarcoma	Metastatic (Mesentery)
[ Sarcoma TGLS = 6-23 ]			
Skeletal Muscle		Sarcoma	Metastatic (Mesentery)
[ Sarcoma TGLS = 4-21 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 439

**TRT#:** 8

**DOSE:** 0.5%

**SEX:** Female

**DISP:** Moribund Sacrifice

**DAY ON TEST:** 636

**HISTO:** 90-52157

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Sarcoma TGLS = 5-22 ]

\* Uterus

[ Sarcoma TGLS = 2-7 ]

Sarcoma

Metastatic (Mesentery)

Sarcoma

Metastatic (Mesentery)

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 440

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53925

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
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 1-8 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 1-8 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 5-7 ]			
* Pancreas	Acinus	Atrophy	Marked
[ Atrophy TGLS = 3-7 ]			
* Spleen		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 4-6 ]			
* Uterus		Dilatation	Moderate
[ Dilatation TGLS = 2-7 ]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 441

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53926

**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	* 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		

**OBSERVATIONS**

* Bone	Femur	Fibrous Osteodystrophy	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Uterus		Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 442

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 565

**DOSE:** 0.5%

**DISP:** Natural Death

**HISTO:** 90-51517

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Pancreas

**OBSERVATIONS**

* Ovary [ Abscess TGLS = 2-7 ]	Abscess	Moderate
* Thymus	Atrophy	Moderate
* Uterus [ Hyperplasia TGLS = 1-7 ]	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 443

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53927

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
* Kidney	Renal Tubule	Dilatation	Minimal
* Mammary Gland	Duct	Adenoma	
		Cyst	Mild
Note: ADENOMA ON SLIDE 8-1			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-1 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 444	<b>TRT#:</b> 8 <b>DOSE:</b> 0.5%	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 490 <b>HISTO:</b> 89-51329
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Bone Marrow	Hypercellularity	Marked
* Liver	Hematopoietic Cell Proliferation	Mild
* Ovary	Abscess	Marked
[ Abscess TGLS = 2-21 ]		
* Spleen	Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 1-6,3-6 ]		
* Thymus	Atrophy	Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 445

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53928

**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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Spleen	Hyperplasia	Lymphoid, Mild
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 446	<b>TRT#:</b> 8 <b>DOSE:</b> 0.5%	<b>SEX:</b> Female <b>DISP:</b> Accidentally Killed	<b>DAY ON TEST:</b> 7 <b>HISTO:</b> 88-46427
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

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

* Salivary Glands Note: DEPLETION OF SECRETORY GRANULES	Cytoplasmic Alteration	Mild
* Spleen [ Atrophy TGLS = 1-6 ]	Atrophy	Marked
* Stomach, Glandular [ Erosion TGLS = 2-4-1 ]	Erosion	Mild
* Thymus	Atrophy	Moderate
* Uterus	Atrophy	Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: p-Nitrobenzoic acid  
 CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
 Time Report Requested: 22:00:43  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 447      TRT#: 8      SEX: Female      DAY ON TEST: 731  
 DOSE: 0.5%      DISP: Terminal Sacrifice      HISTO: 90-53929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Trachea	

MISSING

\* Thymus

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant Lymphocytic	
* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Heart	Coron Artery	Amyloid Deposition	Minimal
* Kidney	Glomerulus	Amyloid Deposition	Moderate
	Renal Tubule	Casts	Mild
* Liver		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 6-22 ]	Lymphoma Malignant Lymphocytic	
* Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Pancreatic	Lymphoma Malignant Lymphocytic	
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
* Mammary Gland		Lymphoma Malignant Lymphocytic	
* Ovary		Hemorrhage	Moderate
	[ Hemorrhage TGLS = 4-7 ]	Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 4-7 ]		
* Pancreas		Lymphoma Malignant Lymphocytic	
* Salivary Glands		Lymphoma Malignant Lymphocytic	
* Skin	Subcut Tiss	Lymphoma Malignant Lymphocytic	
* Spleen		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 3-6,3-21 ]		
* Stomach, Glandular		Lymphoma Malignant Lymphocytic	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** p-Nitrobenzoic acid

**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 22:00:43

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

**Lab:** SRI

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**ANIMAL ID:** 447

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53929

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

Lymphoma Malignant Lymphocytic

\* Urinary Bladder

Lymphoma Malignant Lymphocytic

\* Uterus

Lymphoma Malignant Lymphocytic

[ Lymphoma Malignant Lymphocytic TGLS = 5-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 448

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 0.5%

DISP: Moribund Sacrifice

HISTO: 89-50944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Pigmentation	Mild
* Ovary		Cyst	Moderate
		Hemorrhage	Marked
	[ Hemorrhage TGLS = 1-7-1 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-6 ]		
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 449	<b>TRT#:</b> 8 <b>DOSE:</b> 0.5%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 731 <b>HISTO:</b> 90-53930
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**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Liver		Clear Cell Focus	Mild
[ Clear Cell Focus TGLS = 7-23 ]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 3-22 ]			
* Ovary		Hemorrhage	Moderate
[ Hemorrhage TGLS = 5-7 ]			
* Skin	Dermis	Inflammation	Subacute, Mild
[ Inflammation TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Mild
[ Angiectasis TGLS = 6-7 ]			
[ Hyperplasia TGLS = 4-7 ]			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 450

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53931

**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	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: p-Nitrobenzoic acid  
 CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
 Time Report Requested: 22:00:43  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 451

TRT#: 8

SEX: Female

DAY ON TEST: 700

DOSE: 0.5%

DISP: Moribund Sacrifice

HISTO: 90-52891

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, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Intestine Small, Duodenum [ Polyp Adenomatous TGLS = 7-22 ]		Polyp Adenomatous	
* Kidney	Glomerulus Capsule	Amyloid Deposition Fibrosis Lymphoma Malignant Lymphocytic	Moderate Moderate
[ Fibrosis TGLS = 6-21 ] [ Lymphoma Malignant Lymphocytic TGLS = 5-5 ]			
* Liver [ Lymphoma Malignant Lymphocytic TGLS = 8-6 ]		Lymphoma Malignant Lymphocytic	
* Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Iliac Mediastinal Pancreatic Renal	Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 1-8,11-2,10-24,9-23,1-8 ] [ Lymphoma Malignant Lymphocytic TGLS = 1-8,11-2,10-24,9-23,1-8 ] [ Lymphoma Malignant Lymphocytic TGLS = 1-8,11-2,10-24,9-23,1-8 ] [ Lymphoma Malignant Lymphocytic TGLS = 1-8,11-2,10-24,9-23,1-8 ]			
* Lymph Node, Mandibular [ Lymphoma Malignant Lymphocytic TGLS = 1-8,11-2,10-24,9-23,1-8 ]		Lymphoma Malignant Lymphocytic	
Mesentery		Lymphoma Malignant Lymphocytic	
* Pancreas		Edema	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 451

**TRT#:** 8

**DOSE:** 0.5%

**SEX:** Female

**DISP:** Moribund Sacrifice

**DAY ON TEST:** 700

**HISTO:** 90-52891

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Edema TGLS = 4-7 ]

\* Spleen

Lymphoma Malignant Lymphocytic

[ Lymphoma Malignant Lymphocytic TGLS = 3-6 ]

\* Thymus

Lymphoma Malignant Lymphocytic

\* Urinary Bladder

Lymphoma Malignant Lymphocytic

\* Uterus

Hyperplasia

Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 452

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53932

**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Kidney	Renal Tubule	Casts	Mild
		Glomerulosclerosis	Minimal
		Infiltration Cellular	Lymphocyte, Moderate
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 2-21,2-21-1 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 3-6 ]		
* Uterus		Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 4-7 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Test Compound: p-Nitrobenzoic acid  
 CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
 Time Report Requested: 22:00:43  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 453                      TRT#: 8                      SEX: Female                      DAY ON TEST: 570  
 DOSE: 0.5%                      DISP: Moribund Sacrifice                      HISTO: 90-51518

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

**OBSERVATIONS**

* Clitoral Gland	Duct	Cyst	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 7-22 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 7-22 ]			
* Ovary		Abscess	Marked
		Cyst	Mild
		Inflammation	Subacute, Moderate
[ Abscess TGLS = 4-7 ]			
[ Inflammation TGLS = 5-7 ]			
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-6 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 6-7 ]			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 454

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53933

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Thymus

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2-21,3-22 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus		Dilatation	Moderate
[ Dilatation TGLS = 4-7 ]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 455

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53934

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
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Thymus

INSUFFICIENT TISSUE

\* Parathyroid Gland

OBSERVATIONS

* Kidney		Metaplasia	Osseous, Mild
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-21 ]		
* Lymph Node, Mesenteric		Angiectasis	Mild
* Pancreas	Acinus	Depletion Secretory	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 3-6 ]		
* Uterus		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 456

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53935

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	* Lung
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

\* Pituitary Gland

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 7-5,8-5 ]		
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 4-22,4-22-1 ]		
Lymph Node	Deep Cervical	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 5-23,1-8,3-8,9-8,3-24 ]		
	[ Lymphoma Malignant Lymphocytic TGLS = 5-23,1-8,3-8,9-8,3-24 ]		
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 5-23,1-8,3-8,9-8,3-24 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 5-23,1-8,3-8,9-8,3-24 ]		
* Pancreas	Duct	Cyst	Mild
* Spleen		Lymphoma Malignant Lymphocytic	
	[ Lymphoma Malignant Lymphocytic TGLS = 2-6,2-21 ]		
* Urinary Bladder		Lymphoma Malignant Lymphocytic	
* Uterus		Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 6-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 456

**TRT#:** 8

**DOSE:** 0.5%

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 731

**HISTO:** 90-53935

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 457

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53936

**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	* Liver
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Ovary

**OBSERVATIONS**

* Clitoral Gland	Duct	Cyst	Mild
* Heart		Infiltration Cellular	Histiocyte, Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-22,1-22-1 ]			
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Mammary Gland	Duct	Cyst	Mild
* Pancreas	Acinus	Atrophy	Marked
	Duct	Cyst	Moderate
[ Cyst TGLS = 2-21 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Mild
		Leiomyoma	
[ Leiomyoma TGLS = 3-23 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 458

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53937

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3-23 ] [ Hepatocellular Carcinoma TGLS = 2-21,2-21-1 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 5-2-1 ]		
* Pancreas		Basophilic Focus Depletion Secretory	Mild Mild
	Acinus		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLS = 1-6,1-22 ]		
* Uterus		Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 4-7 ]		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 459

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53938

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	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone	Femur	Fibrous Osteodystrophy	Mild
* Kidney		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 4-2-1 ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLS = 1-8 ]		
* Ovary		Cyst	Moderate
	[ Cyst TGLS = 3-7 ]		
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 2-7 ]		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 460

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53939

**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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Spleen		Hyperplasia	Lymphoid, Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 2-4-1 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 461

TRT#: 8

SEX: Female

DAY ON TEST: 616

DOSE: 0.5%

DISP: Moribund Sacrifice

HISTO: 90-51651

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

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 2-21 ]		
* Lymph Node, Mesenteric		Angiectasis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 1-6 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 462

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 630

**DOSE:** 0.5%

**DISP:** Moribund Sacrifice

**HISTO:** 90-52158

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thyroid Gland

\* Adrenal Medulla  
\* Clitoral Gland  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Liver  
\* Mammary Gland  
\* Parathyroid Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Thymus

**OBSERVATIONS**

\* Spleen  
\* Uterus

Pigmentation  
Hyperplasia

Hemosiderin, Mild  
Cystic, Mild

[ Hyperplasia TGLS = 2-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 463

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 712

**DOSE:** 0.5%

**DISP:** Natural Death

**HISTO:** 90-53940

**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	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Liver		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 3-6 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 5-5,1-8,4-21,7-22 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 5-5,1-8,4-21,7-22 ]			
[ Lymphoma Malignant Lymphocytic TGLS = 5-5,1-8,4-21,7-22 ]			
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 5-5,1-8,4-21,7-22 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 5-5,1-8,4-21,7-22 ]			
* Pancreas	Acinus	Depletion Secretory	Moderate
* Spleen		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 2-6 ]			
* Stomach, Forestomach		Hyperplasia	Mild
		Inflammation	Subacute, Mild
[ Inflammation TGLS = 6-4-1 ]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 464

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53941

**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	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Lymph Node, Mesenteric [ Angiectasis TGLS = 3-5 ]		Angiectasis	Moderate
* Ovary		Cyst	Mild
* Pituitary Gland [ Adenoma TGLS = 2-1 ]	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus [ Hyperplasia TGLS = 1-7 ]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 465

TRT#: 8

SEX: Female

DAY ON TEST: 471

DOSE: 0.5%

DISP: Moribund Sacrifice

HISTO: 89-51330

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	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone	Femur	Osteosarcoma	
Note: TISSUE NOS-TGL 1-21 IS FEMUR [ Osteosarcoma TGLS = 1-21 ]			
* Kidney		Osteosarcoma	Metastatic (Bone)
* Lung		Osteosarcoma	Metastatic (Bone)
[ Osteosarcoma TGLS = 5-2 ]			
Mesentery		Osteosarcoma	Metastatic (Bone)
Note: TISSUE NOS-TGL 4-22 IS MESENTERY [ Osteosarcoma TGLS = 4-22 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 466

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53942

**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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Bone	Femur	Fibrous Osteodystrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 467

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 678

**DOSE:** 0.5%

**DISP:** Natural Death

**HISTO:** 90-52836

**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	* Islets, Pancreatic	* Kidney
* Liver	* 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			

**AUTO PRECLUDES DIAG.**

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
-----------------------------	--------------------------	----------------------------

**OBSERVATIONS**

* Clitoral Gland	Duct	Cyst	Mild
* Heart		Hemorrhage	Mild
* Lung		Hemorrhage	Moderate
[ Hemorrhage TGLS = 4-2 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]		Cystadenoma	
[ Cystadenoma TGLS = 2-7 ]			
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 468

TRT#: 8

SEX: Female

DAY ON TEST: 665

DOSE: 0.5%

DISP: Moribund Sacrifice

HISTO: 90-52608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Bone Marrow		Hypercellularity	Moderate
* Clitoral Gland	Duct	Cyst	Mild
* Kidney	Renal Tubule	Casts	Minimal
	Renal Tubule	Dilatation	Mild
* Liver		Hepatocellular Carcinoma	Multiple
		Inflammation	Subacute, Marked
		Necrosis	Mild
		[ Hepatocellular Carcinoma TGLS = 5-22,6-23 ]	
		[ Inflammation TGLS = 5-22,6-23 ]	
Lymph Node	Mediastinal	Edema	Moderate
	Iliac	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Inflammation	Subacute, Marked
	Renal	Inflammation	Subacute, Moderate
		[ Edema TGLS = 7-2 ]	
		[ Hyperplasia TGLS = 7-2,8-24 ]	
		[ Hyperplasia TGLS = 7-2,8-24 ]	
		[ Inflammation TGLS = 7-2,9-25 ]	
		[ Inflammation TGLS = 7-2,9-25 ]	
* Ovary		Abscess	Marked
		[ Abscess TGLS = 3-7 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 468	<b>TRT#:</b> 8 <b>DOSE:</b> 0.5%	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 665 <b>HISTO:</b> 90-52608
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Skin [ Sarcoma TGLS = 1-21 ]	Subcut Tiss	Sarcoma	
* Spleen [ Hematopoietic Cell Proliferation TGLS = 4-6 ]		Hematopoietic Cell Proliferation	Marked
* Uterus [ Inflammation TGLS = 2-7 ]		Inflammation	Subacute, Mild

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05155-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p-Nitrobenzoic acid  
CAS Number: 62-23-7

Date Report Requested: 10/18/2014  
Time Report Requested: 22:00:43  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 469

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 90-53943

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Thymus

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	Mild
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 2-21 ]		
* Ovary		Cyst	Moderate
		Hemorrhage	Moderate
	[ Cyst TGLS = 1-7 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 470

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 90-53944

**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	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Bone	Femur	Fibrous Osteodystrophy	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Lung	[ Alveolar/Bronchiolar Adenoma TGLS = 3-2 ]	Alveolar/Bronchiolar Adenoma	
* Uterus	[ Hyperplasia TGLS = 1-7 ]	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 471

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50945

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Liver [ Basophilic Focus TGLS = 2-21 ]	Basophilic Focus	Mild
* Uterus [ Hyperplasia TGLS = 1-7 ]	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 472

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50946

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Liver		Inflammation	Subacute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 473

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50947

**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	* 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

**OBSERVATIONS**

* Uterus	Dilatation	Mild
	Hyperplasia	Cystic, Mild
[ Dilatation TGLS = 2-7 ]		
[ Hyperplasia TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 474

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 0.5%

DISP: Scheduled Sacrifice

HISTO: 89-50948

**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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 2-21 ]		
* Uterus		Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 475

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50949

**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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Liver [ Angiectasis TGLS = 4-22 ]		Angiectasis	Mild
Mesentery [ Necrosis TGLS = 3-21 ]	Fat	Necrosis	Mild
* Ovary [ Cyst TGLS = 2-7 ]		Cyst	Moderate
* Uterus [ Hyperplasia TGLS = 1-7 ]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05155-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: p-Nitrobenzoic acid

CAS Number: 62-23-7

Date Report Requested: 10/18/2014

Time Report Requested: 22:00:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 476

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 0.5%

DISP: Scheduled Sacrifice

HISTO: 89-50950

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Liver  
\* Mammary Gland  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Adrenal Medulla  
\* Clitoral Gland  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thymus

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Spleen  
\* Thyroid Gland

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

\* Kidney  
\* Uterus  
[ Hyperplasia TGLS = 1-7 ]

Infiltration Cellular  
Hyperplasia

Lymphocyte, Mild  
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 477

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50951

**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
* 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	

**OBSERVATIONS**

* Adrenal Cortex	X-Zone	Vacuolization Cytoplasmic	Mild
* Liver		Inflammation	Subacute, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 478

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50952

**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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Dilatation	Mild
		Hyperplasia	Cystic, Mild

[ Dilatation TGLS = 3-7 ]

[ Hyperplasia TGLS = 2-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 479

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50953

**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	* 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

**OBSERVATIONS**

* Uterus	Hyperplasia	Cystic, Mild
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[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05155-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p-Nitrobenzoic acid  
**CAS Number:** 62-23-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 22:00:43  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 480

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 0.5%

**DISP:** Scheduled Sacrifice

**HISTO:** 89-50954

**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	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Lymph Node, Mesenteric	Necrosis	Minimal
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE