

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

C Number: C55196
Lock Date: Not Entered.
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 11/26/1985

Experiment Number: 05051-02
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Lung [Inflammation TGLS = 5]	Inflammation	Subacute, Multifocal, Mild
Penis Note: DEVELOP MALFOR TGLs = 3	Developmental Malformation	Mild
Skin [Inflammation TGLS = 1]	Inflammation	Subacute, Focal, Mild
Tooth	Dysplasia	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

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Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 1	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

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Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Lung	Inflammation	Subacute, Multifocal, Minimal
Penis	Developmental Malformation	

[Developmental Malformation TGLS = 3]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
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	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2]			
Lung		Inflammation	Subacute, Multifocal, Mild

PRIMARY CAUSE OF DEATH

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Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 2	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney	Medulla	Mineralization	Mild
Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Subacute, Multifocal, Moderate

[Alveolar/Bronchiolar Adenoma TGLS = 6]
[Inflammation TGLS = 5,7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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Test Compound: Nitrofurantoin
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Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 2	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Penis	Developmental Malformation
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[Developmental Malformation TGLS = 1]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

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Date Report Requested: 10/23/2014
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First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 1 DOSE: UNTREATD CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Lung	Inflammation	Subacute, Multifocal, Mild
[Inflammation TGLS = 2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Moribund	DAY ON TEST: 621 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Epididymis		Atypia Cellular	Moderate
		Depletion Cellular	Moderate
Gallbladder		Hyperplasia	Minimal
Kidney	Medulla	Mineralization	Mild
Lymph Node	Axillary	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 3			
Nose		Hemorrhage	Moderate
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2]			
Testes		Aspermatogenesis	Moderate
	Germinal Epith	Degeneration	Moderate
Note: DEGEN TGLs = 4			
[Degeneration TGLS = 4]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - 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		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Kidney	Renal Tubule	Hyperplasia	Focal, Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 53
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Mammary Gland	Nose
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OBSERVATIONS

Lung		Congestion	Moderate
Preputial Gland	Duct	Cyst	
Note: CYST TGLs = 2			
Seminal Vesicle		Dilatation	Mild
Note: DILATATION TGLs = 5			
Skin		Alopecia	Multifocal, Mild
Note: ALOPECIA TGLs = 1,2		Inflammation	Subacute, Focal, Mild
Note: INFLAMMATION TGLs = 1			
Urethra		Inflammation	Suppurative, Subacute, Mild
Urinary Bladder	Transit Epithe	Hyperplasia	Mild
Note: INFLAMMATION TGLs = 4		Inflammation	Suppurative, Acute, Marked
[Inflammation TGLS = 4]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Epididymis		Atypia Cellular	Mild
Kidney	Medulla	Mineralization	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3			
Lung		Alveolar/Bronchiolar Adenoma	
[Inflammation TGLS = 6]		Inflammation	Subacute, Multifocal, Minimal
Seminal Vesicle		Dilatation	Mild
Note: DILATATION TGLs = 4			
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSIS TGLs = 2		Fibrosis	Mild
Note: FIBROSARC TGLs = 1			
Testes	Germinal Epith	Degeneration	Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

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Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
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First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3]			
Lung		Alveolar/Bronchiolar Carcinoma	
Preputial Gland	Duct	Cyst	
[Cyst TGLS = 2]			
Seminal Vesicle		Dilatation	Moderate
Note: DILATATION TGLs = 4			
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Blood		Anemia	Mild
Note: ANEMIA	TGLs = 8		
Heart		Inflammation	Subacute, Multifocal, Mild
Penis		Developmental Malformation	Moderate
Note: DEVELOP MALFOR	TGLs = 3		
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4]			
Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 7]			
Tooth		Dysplasia	Moderate

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First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5

TRT#: 3

SEX: Male

DAY ON TEST: 669

DOSE: 0.25%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Epididymis		Atypia Cellular	Moderate
		Depletion Cellular	Moderate
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
		Necrosis	Multifocal, Mild
Note: LYMPH MAL MIXD TGLs = 4			
Lung		Inflammation	Subacute, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 1			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3			
Testes		Aspermatogenesis	Moderate
	Germinal Epith	Degeneration	Moderate
Note: ASPERMATOGEN TGLs = 2			
Note: DEGEN TGLs = 2			

PRIMARY CAUSE OF DEATH

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First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 5	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Kidney	Cortex	Infarct	Focal, Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

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Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
Lung	Alveolar Epith	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Moribund	DAY ON TEST: 667 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Epididymis		Atypia Cellular	Moderate
		Depletion Cellular	Moderate
Kidney	Medulla	Mineralization	Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 4			
Lung		Inflammation	Subacute, Multifocal, Mild
[Inflammation TGLS = 6]			
Skin	Subcut Tiss	Fibrosarcoma	Multiple
		Fibrosis	Mild
Note: FIBROSARC TGLs = 1,3,5			
Note: FIBROSIS TGLs = 2			
Testes		Aspermatogenesis	Moderate
	Germinal Epith	Degeneration	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Harderian Gland		Adenoma	
Lung		Inflammation	Subacute, Multifocal, Mild
[Inflammation TGLS = 3]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 1 DOSE: UNTREATD CONTROL	SEX: Male DISP: Moribund	DAY ON TEST: 688 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Lung Note: INFLAMMATION TGLs = 4		Inflammation	Subacute, Multifocal, Moderate
Preputial Gland	Duct	Cyst Inflammation	Subacute, Moderate
Skin [Inflammation TGLS = 3] [Schwannoma Malignant TGLS = 2]	Subcut Tiss	Inflammation Schwannoma Malignant	Subacute, Focal, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Moribund	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mesenteric	Mammary Gland	Nose
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OBSERVATIONS

Epididymis		Atypia Cellular	Mild
		Depletion Cellular	Mild
Lung		Inflammation	Subacute, Multifocal, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 4		
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 6]			
Testes	Germinal Epith	Degeneration	Minimal
Thymus	Mediastinum	Fibrosarcoma	Metastatic (Skin)
Thyroid Gland	Follicle	Degeneration	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 7	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Dead	DAY ON TEST: 156 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Pituitary Gland
Salivary Glands	Spleen	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Nose
Parathyroid Gland	Stomach - Forestomach	Stomach - Glandular	

OBSERVATIONS

Lung [Inflammation TGLS = 6]	Inflammation	Subacute, Multifocal, Mild
Penis Note: DEVELOP MALFOR TGLs = 2	Developmental Malformation	
Prostate	Inflammation	Suppurative, Acute, Moderate
Skin Note: ALOPECIA TGLs = 1	Alopecia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Lung		Inflammation	Subacute, Multifocal, Moderate
Preputial Gland	Duct	Cyst	
		Inflammation	Subacute, Moderate
[Cyst TGLS = 3]			
[Inflammation TGLS = 3]			
Skin	Subcut Tiss	Fibrosarcoma	
		Fibrosis	Mild
		Mineralization	Focal, Marked
[Fibrosarcoma TGLS = 2]			
[Fibrosis TGLS = 1]			
[Mineralization TGLS = 1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 8	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Epididymis		Atypia Cellular	Mild
Liver		Cyst	
Note: CYST	TGLs = 2		
Lung		Alveolar/Bronchiolar Adenoma	
Testes		Aspermatogenesis	Mild
	Germinal Epith	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 8	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Dead	DAY ON TEST: 236 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Nose	Parathyroid Gland	
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OBSERVATIONS

Intestine Large	Rectum Rectum	Inflammation Perforation	Chronic, Focal, Mild
Note: PERFORATION TGLs = 10			
Note: INFLAMMATION TGLs = 3			
Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION TGLs = 13			
Prostate		Inflammation	Suppurative, Acute, Moderate
Skin		Alopecia Fibrosis Inflammation	Mild Mild Suppurative, Acute, Mild
Note: INFLAMMATION TGLs = 2			
Note: FIBROSIS TGLs = 1			
Note: ALOPECIA TGLs = 1			
Testes		Aspermatogenesis	Minimal
	Germinal Epith	Degeneration	Mild
Thyroid Gland	Follicle	Degeneration	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Large - Rectum

OBSERVATIONS

Lung		Inflammation	Subacute, Multifocal, Moderate
[Inflammation TGLS = 3,4]			
Stomach	Forestomach	Hyperplasia	Moderate
	Forestomach	Inflammation	Chronic, Focal, Moderate
	Forestomach	Mineralization	Mild
	Forestomach	Squamous Cell Carcinoma	
Testes	Interstit Cell	Adenoma	Multiple
[Adenoma TGLS = 1]			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Gallbladder

OBSERVATIONS

Epididymis		Atypia Cellular	Moderate
		Depletion Cellular	Moderate
Intestine Small	Ileum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4			
Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Subacute, Multifocal, Mild
Note: HYPERPLASIA TGLs = 8			
[Inflammation TGLS = 7]			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3			
Note: LYMPH MAL MIXD TGLs = 2			
Preputial Gland	Duct	Cyst	
Note: CYST TGLs = 5			
Testes		Aspermatogenesis	Mild
	Germinal Epith	Degeneration	Mild
Note: DEGEN TGLs = 6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 9	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Urinary Bladder			

MISSING

Esophagus	Mammary Gland	Parathyroid Gland	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3]			
Skin		Inflammation	Subacute, Focal, Mild
[Inflammation TGLS = 1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 688

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Thrombosis	Marked
[Thrombosis TGLS = 9]			
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4]			
Lung		Alveolar/Bronchiolar Adenoma	
[Congestion TGLS = 8]		Congestion	Mild
Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 3]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Kidney	Medulla	Mineralization	Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
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	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2]			
Lung		Inflammation	Subacute, Multifocal, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 631

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Intestine Large [Prolapse TGLS = 1,6]	Rectum	Prolapse	
Kidney Note: FIBROSARC TGLs = 4		Fibrosarcoma	Metastatic (Stomach)
Liver [Hepatocellular Carcinoma TGLS = 2]		Hepatocellular Carcinoma	
Lung Note: FIBROSARC TGLs = 8 Note: HEPATOCLR CARC TGLs = 8		Fibrosarcoma Hepatocellular Carcinoma	Metastatic (Stomach) Metastatic (Liver)
Lymph Node	Bronchial, Mediastinal	Fibrosarcoma	Metastatic (Stomach)
Skeletal Muscle Note: FIBROSARC TGLs = 7		Fibrosarcoma	Metastatic (Stomach)
Stomach	Forestomach	Fibrosarcoma	
Thyroid Gland		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach
Trachea

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Prostate
Stomach - Glandular
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Pancreas
Salivary Glands
Thymus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Spleen
Thyroid Gland

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland
Epididymis
Kidney

Medulla
Renal Tubule
Renal Tubule
Medulla

Pheochromocytoma Benign
Atypia Cellular
Degeneration
Dilatation
Mineralization
Alveolar/Bronchiolar Carcinoma
Inflammation

Mild
Multifocal, Mild
Mild
Mild
Subacute, Multifocal, Mild

Lung
[Inflammation TGLS = 5]

Skin
Note: FIBROSIS TGLs = 1,2
Testes

Fibrosis
Degeneration

Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 5

SEX: Male

DAY ON TEST: 530

DOSE: 0.13%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Islets, Pancreatic
Pancreas
Salivary Glands
Thymus

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Kidney
Parathyroid Gland
Skin
Thyroid Gland

Bone
Gallbladder
Intestine Small - Ileum
Lymph Node - Mandibular
Pituitary Gland
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Jejunum
Nose
Prostate
Stomach - Glandular

MISSING

Epididymis
Mammary Gland

Intestine Large - Colon
Testes

Intestine Large - Rectum

Lymph Node - Mesenteric

OBSERVATIONS

Liver
[Necrosis TGLS = 1]
Lung
[Inflammation TGLS = 4]
Spleen
[Hematopoietic Cell Proliferation TGLS = 3]
Urinary Bladder

Hemangiosarcoma
Necrosis
Inflammation
Hematopoietic Cell Proliferation
Inflammation

Multifocal, Mild
Subacute, Multifocal, Mild
Moderate
Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 449
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Nose

OBSERVATIONS

Intestine Large	Rectum	Inflammation	Subacute, Moderate
	Rectum	Prolapse	Marked
[Inflammation TGLS = 3]			
[Prolapse TGLS = 2]			
Skin		Alopecia	Mild
		Fibrosis	Mild
[Fibrosis TGLS = 1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Lung	Alveolar/Bronchiolar Adenoma
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Dead	DAY ON TEST: 580 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Multifocal, Mild
Lung		Inflammation	Subacute, Multifocal, Moderate
Prostate		Inflammation	Suppurative, Acute, Marked
Spleen		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 457

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Ileum
Liver
Nose
Prostate
Stomach - Forestomach
Thyroid Gland

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Salivary Glands
Stomach - Glandular
Trachea

Bone
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Skin
Testes
Urinary Bladder

Bone Marrow
Gallbladder
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Spleen
Thymus

OBSERVATIONS

Intestine Large

Rectum
Rectum
Rectum

Cyst
Inflammation
Prolapse

Subacute, Mild
Marked

Note: INFLAMMATION TGLs = 2
[Cyst TGLS = 2]
[Prolapse TGLS = 2]

Lung

Congestion
Inflammation

Moderate
Subacute, Multifocal, Mild

[Congestion TGLS = 4]
[Inflammation TGLS = 4]

Preputial Gland

Duct

Cyst
Inflammation

Subacute, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 13

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Kidney
Nose
Prostate
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Salivary Glands
Testes

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Spleen
Thymus

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Liver
Note: HEPATOCLR ADEN TGLs = 2
Lymph Node
Note: LYMPH MAL MIXD TGLs = 3
Skin
Note: INFLAMMATION TGLs = 1
Thyroid Gland

Mesenteric

Follicle

Hepatocellular Adenoma

Lymphoma Malignant Mixed

Inflammation

Cyst

Subacute, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - 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

Nose

Pancreas

Pituitary Gland

Prostate

Salivary Glands

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Trachea

Urinary Bladder

MISSING

Mammary Gland

Parathyroid Gland

Thymus

OBSERVATIONS

Skin

Inflammation

Subacute, Focal, Moderate

Mineralization

Focal, Moderate

[Inflammation TGLS = 1,2]

[Mineralization TGLS = 1,2]

Thyroid Gland

Follicle

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Intestine Large [Cyst TGLS = 2]	Rectum	Cyst	
Lung		Inflammation	Subacute, Multifocal, Mild
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Epididymis	Atypia Cellular	Mild
Lung [Inflammation TGLS = 4]	Inflammation	Subacute, Multifocal, Mild
Skin Note: INFLAMMATION TGLs = 1	Inflammation	Subacute, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 14

TRT#: 5

SEX: Male

DAY ON TEST: 699

DOSE: 0.13%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Intestine Large	Rectum	Prolapse	
Note: PROLAPSE TGLs = 3			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6]			
Skin	Subcut Tiss	Fibrosarcoma	
		Inflammation	Subacute, Focal, Mild
[Fibrosarcoma TGLS = 2]			
[Inflammation TGLS = 1]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Kidney	Cortex	Infarct	Focal, Minimal
Preputial Gland		Inflammation	Suppurative, Acute, Marked
[Inflammation TGLS = 3]			
Stomach	Forestomach	Cyst	
	Forestomach	Hyperplasia	Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Liver
Pancreas
Salivary Glands
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Spleen
Thymus

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Prostate
Stomach - Glandular
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Harderian Gland
Kidney
Lung
[Inflammation TGLS = 3]
Skin
[Inflammation TGLS = 1]

Medulla

Adenoma
Mineralization
Inflammation
Inflammation

Mild
Subacute, Multifocal, Mild
Subacute, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 5

SEX: Male

DAY ON TEST: 631

DOSE: 0.13%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - 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

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Skin

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Trachea

Urinary Bladder

MISSING

Mammary Gland

Thyroid Gland

OBSERVATIONS

Liver

Hepatocellular Carcinoma

[Hepatocellular Carcinoma TGLS = 1]

Lung

Hepatocellular Carcinoma

Metastatic (Liver)

Inflammation

Subacute, Multifocal, Mild

[Hepatocellular Carcinoma TGLS = 4]

Spleen

Hematopoietic Cell Proliferation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16	TRT#: 1 DOSE: UNTREATD CONTROL	SEX: Male DISP: Moribund	DAY ON TEST: 713 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Heart		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6			
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4			
Seminal Vesicle		Dilatation	Moderate
Note: DILATATION TGLs = 2			
Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 5]			
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Moribund	DAY ON TEST: 639 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Lung Note: HYPERPLASIA TGLs = 4	Alveolar Epith	Hyperplasia	Mild
Skin Note: FIBROSARC TGLs = 3	Subcut Tiss	Fibrosarcoma	
Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Salivary Glands
Testes
Urinary Bladder

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Spleen
Thymus

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach
Thyroid Gland

Brain
Heart
Intestine Small - Duodenum
Kidney
Nose
Prostate
Stomach - Glandular
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland
Harderian Gland
[Adenoma TGLS = 4]

Medulla

Hyperplasia
Adenoma

Mild

Lung
Skin
[Melanoma Benign TGLS = 3]

Inflammation
Melanoma Benign

Subacute, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 664

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - 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

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Lung

Inflammation

Subacute, Multifocal, Moderate

[Inflammation TGLS = 6]

Skin

Subcut Tiss

Fibrosarcoma

[Fibrosarcoma TGLS = 2]

Spleen

Hematopoietic Cell Proliferation

Marked

[Hematopoietic Cell Proliferation TGLS = 5]

Tooth

Dysplasia

Minimal

Urethra

Bulboureth GI

Dilatation

Marked

Note: DILATATION TGLs = 4,8,

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Kidney
Pancreas
Salivary Glands
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Spleen
Thymus

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Prostate
Stomach - Glandular
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Liver
[Hepatocellular Carcinoma TGLS = 3]
Lung
Skin
[Inflammation TGLS = 1]

Hepatocellular Carcinoma
Hepatocellular Carcinoma
Inflammation

Metastatic (Liver)
Subacute, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Mammary Gland	Pituitary Gland	Thymus
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OBSERVATIONS

Epididymis		Granuloma Sperm	Marked
Kidney	Renal Tubule	Nephropathy	Mild
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2]			
Lung		Inflammation	Subacute, Multifocal, Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 18	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Lung	Inflammation	Subacute, Multifocal, Mild
[Inflammation TGLS = 1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 18

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Kidney
Nose
Prostate
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Salivary Glands
Testes
Urinary Bladder

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Spleen
Thymus

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach
Thyroid Gland

MISSING

Mammary Gland

OBSERVATIONS

Lung Inflammation
Skin Inflammation

Subacute, Multifocal, Mild
Subacute, Focal, Mild

Note: INFLAMMATION TGLs = 1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 18	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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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	Kidney	Lymph Node - Mandibular
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Urinary Bladder		

OBSERVATIONS

Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4]			
Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION TGLs = 5			
Skin	Subcut Tiss	Fibroma	Multiple
[Fibroma TGLS = 2,3]			
Thyroid Gland	Follicle	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 127

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - 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

Pancreas

Parathyroid Gland

Pituitary Gland

Salivary Glands

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

Nose

OBSERVATIONS

Lung

Inflammation

Subacute, Multifocal, Moderate

Note: INFLAMMATION TGLs = 5

Mesentery

Inflammation

Suppurative, Acute, Multifocal, Moderate

Prostate

Inflammation

Suppurative, Acute, Marked

Skin

Alopecia

Mild

Note: INFLAMMATION TGLs = 1

Note: ALOPECIA TGLs = 1

Spleen

Hematopoietic Cell Proliferation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Small - Ileum	Mammary Gland	Stomach - Forestomach	Stomach - Glandular
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OBSERVATIONS

Epididymis		Depletion Cellular	Mild
Kidney	Renal Tubule	Dilatation	Mild
	Medulla	Mineralization	Mild
Lung		Inflammation	Subacute, Multifocal, Moderate
[Inflammation TGLS = 3]			
Testes		Aspermatogenesis	Mild
	Germinal Epith	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Dead	DAY ON TEST: 496 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder	Mammary 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		

OBSERVATIONS

Liver Note: HEPATOCLR CARC TGLs = 1,2		Hepatocellular Carcinoma	
Stomach	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Suppurative, Acute, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20	TRT#: 1	SEX: Male	DAY ON TEST: 408
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Urinary Bladder

MISSING

Esophagus	Mammary Gland	Nose	Parathyroid Gland
Thyroid Gland	Trachea		

OBSERVATIONS

Lung		Inflammation	Subacute, Multifocal, Minimal
Skin		Alopecia	Multifocal, Mild
	Subcut Tiss	Fibrosarcoma	
		Inflammation	Subacute, Focal, Mild
Note: FIBROSARC	TGLs = 3		
Note: INFLAMMATION	TGLs = 2		
Note: ALOPECIA	TGLs = 2		
Note: ALOPECIA	TGLs = 1		
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 3

DOSE: 0.25%

SEX: Male

DISP: Dead

DAY ON TEST: 527

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Kidney
Parathyroid Gland
Stomach - Forestomach
Thyroid Gland

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Lymph Node - Mandibular
Prostate
Stomach - Glandular
Trachea

Bone
Esophagus
Intestine Small - Duodenum
Nose
Salivary Glands
Testes
Urinary Bladder

Bone Marrow
Heart
Islets, Pancreatic
Pancreas
Skin
Thymus

MISSING

Gallbladder
Pituitary Gland

Intestine Large - Colon

Intestine Small - Ileum

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Liver
Note: LYMPH MAL HIST TGLs = 1,5
Lung
Lymph Node
Note: LYMPH MAL HIST TGLs = 2
Mesentery
Spleen
Note: LYMPH MAL HIST TGLs = 3

Mesenteric

Lymphoma Malignant Histiocytic
Lymphoma Malignant Histiocytic
Lymphoma Malignant Histiocytic
Lymphoma Malignant Histiocytic
Lymphoma Malignant Histiocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 5

SEX: Male

DAY ON TEST: 602

DOSE: 0.13%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Islets, Pancreatic

Kidney

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Liver

Fibrosis

Focal, Mild

Lung

Inflammation

Subacute, Multifocal, Moderate

Note: INFLAMMATION TGLs = 3

Skin

Alopecia

Mild

Subcut Tiss

Fibrosarcoma

Note: FIBROSARC TGLs = 2

Note: ALOPECIA TGLs = 1

Spleen

Hematopoietic Cell Proliferation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Salivary Glands
Stomach - Glandular
Trachea

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Skin
Testes
Urinary Bladder

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pituitary Gland
Spleen
Thymus

Brain
Heart
Intestine Small - Duodenum
Kidney
Nose
Prostate
Stomach - Forestomach
Thyroid Gland

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland
Harderian Gland
Lung
 Note: INFLAMMATION TGLs = 4
Preputial Gland
 Note: HEMANGIOSARC TGLs = 2

Medulla

Pheochromocytoma Benign
Adenoma
Inflammation

Hemangiosarcoma

Subacute, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 3

SEX: Male

DAY ON TEST: 695

DOSE: 0.25%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Epididymis		Atypia Cellular	Mild
		Depletion Cellular	Mild
Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Fibrosarcoma	
		Fibrosis	Mild
Note: FIBROSIS	TGLs = 2,3		
Note: FIBROMA	TGLs = 4		
[Fibrosis TGLS = 5]			
Testes		Aspermatogenesis	Mild
	Germinal Epith	Degeneration	Mild
Note: HYPERPLASIA	TGLs = 7		
[Aspermatogenesis TGLS = 7]			
[Degeneration TGLS = 7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 21 TRT#: 5 SEX: Male DAY ON TEST: 733
DOSE: 0.13% DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Small - Ileum Mammary Gland

OBSERVATIONS

Lung	Alveolar/Bronchiolar Carcinoma	
	Infiltration Cellular	Histiocyte, Multifocal, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 3]		
Skin	Fibrosis	Mild
Spleen	Atrophy	Mild
[Atrophy TGLS = 2]		
Tooth	Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Gallbladder	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3			
Lung		Inflammation	Subacute, Multifocal, Mild
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4			
Spleen		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 3

SEX: Male

DAY ON TEST: 684

DOSE: 0.25%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - 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

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Testes

Thymus

Trachea

Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney

Renal Tubule

Dilatation

Mild

Medulla

Mineralization

Mild

Liver

Hepatocellular Carcinoma

Note: HEPATOCLR CARC TGLs = 2

Stomach

Glandular

Mineralization

Mild

Thyroid Gland

Follicle

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Penis		Developmental Malformation	
[Developmental Malformation TGLS = 3]			
Skin		Fibrosis	Mild
[Fibrosis TGLS = 1]			
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Salivary Glands
Testes
Urinary Bladder

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Thymus

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Thyroid Gland

Brain
Heart
Intestine Small - Duodenum
Kidney
Nose
Prostate
Stomach - Glandular
Trachea

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland [Pheochromocytoma Malignant TGLS = 3]	Medulla	Pheochromocytoma Malignant
Liver [Hepatocellular Carcinoma TGLS = 5]		Hepatocellular Carcinoma
Skin [Fibrosarcoma TGLS = 1]	Subcut Tiss	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Liver	Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1		
Lung	Inflammation	Subacute, Multifocal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Salivary Glands
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Parathyroid Gland
Spleen
Thymus

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Prostate
Stomach - Glandular
Trachea

MISSING

Gallbladder Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Preputial Gland

Duct

Cyst

Inflammation

Subacute, Marked

Note: INFLAMMATION TGLs = 4,5

[Inflammation TGLS = 4,5]

Skin

Fibrosis

Moderate

[Fibrosis TGLS = 1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Moribund	DAY ON TEST: 65 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Nose	Parathyroid Gland	Thymus
Thyroid Gland			

OBSERVATIONS

Kidney	Renal Tubule Renal Tubule	Dilatation Necrosis	Mild Multifocal, Mild
[Dilatation TGLS = 8,7] [Necrosis TGLS = 6]			
Lung		Inflammation	Subacute, Multifocal, Moderate
[Inflammation TGLS = 10]			
Prostate		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Dead	DAY ON TEST: 574 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	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	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Lung	Inflammation	Subacute, Multifocal, Mild
Seminal Vesicle	Dilatation	Marked
Note: DILATATION TGLs = 5		
Skin	Alopecia	Mild
Note: ALOPECIA TGLs = 1		
Spleen	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25	TRT#: 1	SEX: Male	DAY ON TEST: 207
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Large - Rectum	Mammary Gland	Nose
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OBSERVATIONS

Skin	Alopecia	Multifocal, Mild
	Inflammation	Subacute, Focal, Mild

Note: ALOPECIA TGLs = 1,2
[Inflammation TGLS = 1]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Mild
	Medulla	Mineralization	Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION TGLs = 5			
Skin	Subcut Tiss	Fibroma	
		Fibrosis	Mild
		Hyperplasia	Focal, Mild
		Inflammation	Subacute, Focal, Mild
		Mineralization	Focal, Mild
Note: FIBROMA TGLs = 3			
Note: FIBROSIS TGLs = 1			
Note: MINERALIZATION TGLs = 3			
[Fibroma TGLS = 4]			
[Fibrosis TGLS = 4]			
Thyroid Gland	Follicle	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 5

SEX: Male

DAY ON TEST: 335

DOSE: 0.13%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland Nose

OBSERVATIONS

Lung		Inflammation	Subacute, Multifocal, Minimal
Penis		Developmental Malformation	
Note: DEVELOP MALFOR TGLs = 5			
Skin		Alopecia	Mild
	Subcut Tiss	Fibrosarcoma	
		Fungus	Moderate
		Inflammation	Granulomatous, Focal, Marked
Note: ALOPECIA TGLs = 1			
Note: FIBROSARC TGLs = 3			
[Alopecia TGLS = 2]			
[Inflammation TGLS = 2]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Kidney	Nephropathy	Mild
Liver	Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2		
Lung	Inflammation	Subacute, Multifocal, Moderate
Spleen	Angiectasis	Mild
Tooth	Dysplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Ear	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder	Intestine Small - Duodenum	Mammary Gland	
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OBSERVATIONS

Epididymis		Atypia Cellular	Mild
Kidney	Renal Tubule	Dilatation	Mild
Lung		Inflammation	Subacute, Multifocal, Minimal
Skin	Subcut Tiss	Fibroma	
		Mineralization	Focal, Mild
[Fibroma TGLS = 3]			
[Mineralization TGLS = 3]			
Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Moribund	DAY ON TEST: 660 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Skin	Subcut Tiss	Fibrosarcoma Inflammation	Subacute, Focal, Mild
[Fibrosarcoma TGLS = 2] [Inflammation TGLS = 1]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 697
DOSE: UNTREATD CONTROL **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Intestine Small - Ileum	Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Brain		Lymphoma Malignant Lymphocytic	
Esophagus		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant Lymphocytic	
Note: ALV BRON ADEN	TGLs = 6		
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
Preputial Gland		Inflammation	Subacute, Moderate
Note: INFLAMMATION	TGLs = 2		
Prostate		Inflammation	Chronic, Moderate
Seminal Vesicle		Inflammation	Chronic, Moderate
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 5		
Testes		Mineralization	Minimal
Thymus		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Epididymis		Atypia Cellular	Mild
Lung		Inflammation	Subacute, Multifocal, Minimal
Testes	Germinal Epith	Degeneration	Mild
Thyroid Gland	Follicle	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Dead	DAY ON TEST: 186 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Nose
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OBSERVATIONS

Prostate	Inflammation	Suppurative, Acute, Moderate
Skin	Inflammation	Subacute, Focal, Mild

Note: INFLAMMATION TGLs = 1,2

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 81

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Liver
Pituitary Gland
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Salivary Glands
Testes

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Spleen
Thymus

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Stomach - Forestomach
Thyroid Gland

MISSING

Mammary Gland

Nose

Parathyroid Gland

OBSERVATIONS

Kidney
Note: INFLAMMATION TGLs = 4
Lung
Prostate
Seminal Vesicle
Skin

Inflammation
Inflammation
Inflammation
Inflammation
Alopecia
Fibrosis
Inflammation

Suppurative, Acute, Multifocal, Marked
Subacute, Multifocal, Mild
Suppurative, Acute, Moderate
Suppurative, Acute, Moderate
Mild
Mild
Suppurative, Acute, Moderate

Note: INFLAMMATION TGLs = 2
Note: ALOPECIA TGLs = 1
Note: FIBROSIS TGLs = 1
Urinary Bladder

Calculus Micro Observation Only
Inflammation

Suppurative, Acute, Moderate

Note: CALCUS MIC OBS TGLs = 3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 3

SEX: Male

DAY ON TEST: 687

DOSE: 0.25%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Nose
Prostate
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Salivary Glands
Testes

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Thyroid Gland

MISSING

Thymus

OBSERVATIONS

Epididymis
Skin
[Fibrosarcoma TGLS = 1]

Subcut Tiss

Atypia Cellular
Fibrosarcoma

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - 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

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Lung

Inflammation

Subacute, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Gallbladder	Mammary Gland	Thymus
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OBSERVATIONS

Heart		Inflammation	Subacute, Multifocal, Moderate
[Inflammation TGLS = 3]			
Kidney	Renal Tubule	Nephropathy	Minimal
Lung		Inflammation	Subacute, Multifocal, Moderate
[Inflammation TGLS = 4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Epididymis		Atypia Cellular	Minimal
		Depletion Cellular	Mild
Kidney	Renal Tubule	Dilatation	Mild
	Cortex	Infarct	Focal, Minimal
	Medulla	Mineralization	Mild
Liver		Basophilic Focus	
Lung		Inflammation	Subacute, Multifocal, Mild
Stomach	Forestomach	Cyst	
Testes		Aspermatogenesis	Mild
	Germinal Epith	Degeneration	Mild
	Seminif Tub	Dilatation	Focal, Mild
		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Dead	DAY ON TEST: 378 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Kidney	Liver	Pituitary Gland	Prostate
Salivary Glands	Testes	Trachea	Urinary Bladder

MISSING

Gallbladder	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Spleen	Thymus
Thyroid Gland			

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		

OBSERVATIONS

Lung [Inflammation TGLS = 9,10]	Inflammation	Subacute, Multifocal, Moderate
Penis [Developmental Malformation TGLS = 2]	Developmental Malformation	
Skin [Inflammation TGLS = 1]	Inflammation	Subacute, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lung		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Subacute, Multifocal, Moderate
[Inflammation TGLS = 2]			
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder	Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1]			
Testes	Germinal Epith	Degeneration	Minimal
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30

TRT#: 5
DOSE: 0.13%

SEX: Male
DISP: Moribund

DAY ON TEST: 714
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Lung [Inflammation TGLS = 3,4]		Inflammation	Subacute, Multifocal, Mild
Preputial Gland	Duct	Cyst	
Skin [Inflammation TGLS = 2]		Inflammation	Subacute, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1			
Spleen		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 3

SEX: Male

DAY ON TEST: 660

DOSE: 0.25%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Duodenum

OBSERVATIONS

Epididymis		Atypia Cellular	Mild
		Depletion Cellular	Mild
Intestine Large	Rectum	Prolapse	
[Prolapse TGLS = 3]			
Lung		Inflammation	Subacute, Multifocal, Mild
Skin		Inflammation	Subacute, Focal, Mild
[Inflammation TGLS = 1]			
Testes		Aspermatogenesis	Mild
	Germinal Epith	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - 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

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Skin

Stomach - Forestomach

Stomach - Glandular

Testes

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

Thymus

OBSERVATIONS

Liver

Hepatocellular Adenoma

Multiple

Note: HEPATOCLR ADEN TGLs = 4,5

Lung

Inflammation

Subacute, Multifocal, Mild

Note: INFLAMMATION TGLs = 6

Spleen

Angiectasis

Moderate

[Angiectasis TGLS = 3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 6			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 9]			
Mesentery		Inflammation	Suppurative, Acute, Multifocal, Marked
Note: INFLAMMATION TGLs = 5			
Prostate		Inflammation	Suppurative, Acute, Marked
Seminal Vesicle		Inflammation	Suppurative, Acute, Marked
Skin	Subcut Tiss	Fibrosarcoma	Multiple
		Inflammation	Subacute, Focal, Moderate
Note: INFLAMMATION TGLs = 1			
Note: FIBROSARC TGLs = 2,3			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Salivary Glands
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Skin
Testes
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Spleen
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Nose
Prostate
Stomach - Forestomach
Thyroid Gland

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Epididymis
Kidney

Tooth

Renal Tubule
Medulla

Atypia Cellular
Dilatation
Mineralization
Dysplasia

Minimal
Mild
Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 5

SEX: Male

DAY ON TEST: 55

DOSE: 0.13%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Kidney
Pancreas
Salivary Glands
Testes
Urinary Bladder

Bone
Gallbladder
Intestine Small - Duodenum
Liver
Parathyroid Gland
Spleen
Thymus

Bone Marrow
Heart
Intestine Small - Jejunum
Lymph Node - Mandibular
Pituitary Gland
Stomach - Forestomach
Thyroid Gland

Brain
Intestine Large - Cecum
Islets, Pancreatic
Lymph Node - Mesenteric
Prostate
Stomach - Glandular
Trachea

MISSING

Adrenal Gland - Medulla

Intestine Large - Colon

Mammary Gland

Nose

AUTO PRECLUDES DIAG.

Intestine Small - Ileum

OBSERVATIONS

Epididymis
Lung
Skin

Granuloma Sperm
Inflammation
Inflammation
Inflammation
Inflammation

Moderate
Subacute, Multifocal, Moderate
Subacute, Focal, Mild
Suppurative, Acute, Mild
Chronic, Mild

Note: INFLAMMATION TGLs = 1

[Inflammation TGLS = 3]

[Inflammation TGLS = 2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 460

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Lung		Inflammation	Subacute, Multifocal, Minimal
Preputial Gland	Duct	Cyst	
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 1		
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3]			
Thyroid Gland	Follicle	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Adrenal Gland - Medulla	Gallbladder	Intestine Small - Ileum	Mammary Gland
Pituitary Gland			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Preputial Gland	Duct	Cyst	
Note: CYST	TGLs = 3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Adrenal Gland Note: CARCINOMA TGLs = 3	Cortex, Spindle Cell	Carcinoma	
Epididymis		Depletion Cellular	Mild
Testes [Degeneration TGLS = 2]	Germinal Epith	Degeneration	Moderate
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Prostate
Stomach - Forestomach
Thyroid Gland

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Salivary Glands
Stomach - Glandular
Trachea

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Skin
Testes
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Pituitary Gland
Spleen
Thymus

MISSING

Gallbladder Mammary Gland

Parathyroid Gland

OBSERVATIONS

Liver Hepatocellular Adenoma Multiple
Hepatocellular Carcinoma

Note: HEPATOCLR ADEN TGLs = 2,4
[Hepatocellular Adenoma TGLS = 3]

Lung Inflammation Subacute, Multifocal, Mild
[Inflammation TGLS = 7]

Lymph Node Mesenteric Thrombosis Moderate
[Thrombosis TGLS = 6]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Mesenteric	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland	Pituitary Gland
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OBSERVATIONS

Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 2			
Preputial Gland	Duct	Cyst	
[Cyst TGLS = 3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34	TRT#: 5	SEX: Male	DAY ON TEST: 733
	DOSE: 0.13%	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lung		Alveolar/Bronchiolar Adenoma Inflammation	Subacute, Multifocal, Mild
		[Alveolar/Bronchiolar Adenoma TGLS = 2] [Inflammation TGLS = 2]	
Lymph Node	Mesenteric	Ectasia	Marked
Skin		Inflammation	Subacute, Focal, Mild
		[Inflammation TGLS = 1]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35	TRT#: 1	SEX: Male	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION	TGLs = 6		
Lymph Node	Deep Cervical	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 2		
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 0.25%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 7]			
Intestine Large	Rectum	Prolapse	
[Prolapse TGLS = 3]			
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4]			
Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION TGLs = 6			
Skin		Fibrosis	Mild
[Fibrosis TGLS = 1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Kidney
Pancreas
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pituitary Gland
Spleen
Thymus

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Prostate
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Trachea

MISSING

Lymph Node - Mandibular

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Liver
Tooth

Mixed Cell Focus
Dysplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Cranium	Hyperostosis	Mild
Note: HYPEROSTOSIS TGLs = 4			
Intestine Small	Jejunum	Cyst	
[Cyst TGLS = 3]			
Lung		Inflammation	Subacute, Multifocal, Mild
[Inflammation TGLS = 7,6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 730
DOSE: 0.25% **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Epididymis		Atypia Cellular	Mild
Kidney	Renal Tubule	Dilatation	Mild
	Medulla	Mineralization	Mild
Lung		Inflammation	Subacute, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Skin		Fibrosis	Mild
		Hyperplasia	Focal, Mild
Note: FIBROSIS TGLs = 1			
[Fibrosis TGLS = 2]			
Testes		Aspermatogenesis	Mild
	Germinal Epith	Degeneration	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Dead	DAY ON TEST: 605 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Intestine Large - Colon	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Liver	Lymphoma Malignant Histiocytic	
Lung	Inflammation	Subacute, Multifocal, Moderate
Spleen	Lymphoma Malignant Histiocytic	

[Lymphoma Malignant Histiocytic TGLS = 1]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 37	TRT#: 1	SEX: Male	DAY ON TEST: 473
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Prostate	Inflammation	Suppurative, Acute, Marked
Seminal Vesicle	Dilatation	Marked
Thyroid Gland	Follicular Cel	Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 37	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Gallbladder	Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Focal, Marked
Epididymis		Atypia Cellular	Minimal
Kidney	Renal Tubule Medulla	Dilatation Mineralization	Mild Mild
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2]			
Lung		Inflammation	Subacute, Multifocal, Mild
Preputial Gland	Duct	Cyst	
[Cyst TGLS = 3]			
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:02

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland	Thymus
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OBSERVATIONS

Epididymis	Granuloma Sperm	Moderate
Lung	Inflammation	Subacute, Multifocal, Mild
Penis	Developmental Malformation	
[Developmental Malformation TGLS = 2]		
Seminal Vesicle	Dilatation	Moderate
	Inflammation	Chronic, Mild
Note: DILATATION TGLs = 3		
Skin	Inflammation	Subacute, Focal, Mild
[Inflammation TGLS = 1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:02
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Skin	Fibrosis	Mild
[Fibrosis TGLS = 1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Epididymis		Atypia Cellular	Mild
		Depletion Cellular	Moderate
Kidney	Renal Tubule	Dilatation	Mild
	Medulla	Mineralization	Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION TGLs = 3			
Skin	Subcut Tiss	Fibrosarcoma	
		Ulcer	Mild
Note: ULCER TGLs = 1,2 [Fibrosarcoma TGLS = 1,2]			
Testes	Germinal Epith	Aspermatogenesis	Moderate
		Degeneration	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 5

DOSE: 0.13%

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Intestine Small	Jejunum	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3]			
Kidney	Cortex	Infarct	Focal, Mild
Liver		Hepatocellular Adenoma	
		Thrombosis	Moderate
Note: HEPATOCLR ADEN TGLs = 4			
Note: THROMBUS TGLs = 4			
Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION TGLs = 7			
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2]			
[Lymphoma Malignant Lymphocytic TGLS = 5]			
Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1]			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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 - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
Lung		Alveolar/Bronchiolar Adenoma Inflammation	Subacute, Multifocal, Mild

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - 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 - Mesenteric

Nose

Pancreas

Pituitary Gland

Prostate

Salivary Glands

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Urinary Bladder

MISSING

Lymph Node - Mandibular

Mammary Gland

Parathyroid Gland

Thyroid Gland

Trachea

OBSERVATIONS

Lung

Inflammation

Subacute, Multifocal, Moderate

Skin

Fibrosis

Mild

Inflammation

Subacute, Focal, Mild

Note: FIBROSIS TGLs = 1

[Fibrosis TGLS = 2]

Tooth

Dysplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland	Thymus
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OBSERVATIONS

Lung [Inflammation TGLS = 3]	Inflammation	Subacute, Multifocal, Moderate
Tooth	Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Lung		Inflammation	Subacute, Multifocal, Mild
[Inflammation TGLS = 3]			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Epididymis		Atypia Cellular	Mild
		Depletion Cellular	Mild
Intestine Large	Rectum	Cyst	
	Rectum	Hyperplasia	Focal, Mild
	Rectum	Inflammation	Subacute, Mild
Note: HYPERPLASIA TGLs = 2			
Note: CYST TGLs = 3			
Note: INFLAMMATION TGLs = 10			
Kidney	Renal Tubule	Dilatation	Mild
[Dilatation TGLS = 8]			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Inflammation	Subacute, Multifocal, Mild
Note: ALV BRON CARC TGLs = 12			
[Inflammation TGLS = 11]			
Lymph Node	Iliac	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4			
Testes		Aspermatogenesis	Mild
	Germinal Epith	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0.25%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: DEGEN TGLs = 6

[Degeneration TGLS = 6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Kidney

Lymph Node - Mesenteric

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Islets, Pancreatic

Adenoma

Liver

Hepatocellular Adenoma

Mixed Cell Focus

Lung

Inflammation

Subacute, Multifocal, Mild

[Inflammation TGLS = 2]

Tooth

Dysplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41	TRT#: 1	SEX: Male	DAY ON TEST: 714
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

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	Kidney	Liver
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Medulla	Hyperplasia Pheochromocytoma Malignant	Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Skin	Subcut Tiss	Fibrosarcoma Fibrosis	Multiple Mild
Note: FIBROSIS TGLs = 1 Note: FIBROSARC TGLs = 3,4			
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 730
DOSE: 0.25% **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Epididymis		Atypia Cellular	Mild
		Depletion Cellular	Mild
Kidney	Medulla	Mineralization	Mild
Lung		Inflammation	Subacute, Multifocal, Moderate
[Inflammation TGLS = 3]			
Skin	Subcut Tiss	Fibrosarcoma	
		Fibrosis	Mild
[Fibrosarcoma TGLS = 1]			
[Fibrosis TGLS = 2]			
Testes		Aspermatogenesis	Mild
	Germinal Epith	Degeneration	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Penis	Developmental Malformation	
[Developmental Malformation TGLS = 2]		
Skin	Inflammation	Subacute, Focal, Mild
[Inflammation TGLS = 1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Blood		Leukemia	
Note: LEUKEMIA	TGLs = 1		
Liver		Lymphoma Malignant Lymphocytic Necrosis	Multifocal, Mild
Lung		Lymphoma Malignant Lymphocytic Angiectasis	Moderate
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 4		
Note: ANGIECTASIS	TGLs = 4		
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 3

SEX: Male

DAY ON TEST: 576

DOSE: 0.25%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Epididymis		Atypia Cellular	Mild
		Depletion Cellular	Moderate
Lung		Inflammation	Subacute, Multifocal, Mild
[Inflammation TGLS = 7,8,9,10]			
Skin		Alopecia	Mild
	Subcut Tiss	Fibrosarcoma	
		Inflammation	Suppurative, Acute, Mild
Note: INFLAMMATION TGLs = 1			
[Alopecia TGLS = 3]			
[Inflammation TGLS = 2]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5]			
Testes		Aspermatogenesis	Mild
	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 5

SEX: Male

DAY ON TEST: 733

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Brain

Heart

Intestine Small - Duodenum

Kidney

Nose

Prostate

Stomach - Glandular

Trachea

Adrenal Gland - Medulla

Epididymis

Intestine Large - Cecum

Intestine Small - Ileum

Liver

Pancreas

Salivary Glands

Testes

Urinary Bladder

Bone

Esophagus

Intestine Large - Colon

Intestine Small - Jejunum

Lymph Node - Mandibular

Parathyroid Gland

Spleen

Thymus

Bone Marrow

Gallbladder

Intestine Large - Rectum

Islets, Pancreatic

Lymph Node - Mesenteric

Pituitary Gland

Stomach - Forestomach

Thyroid Gland

MISSING

Mammary Gland

OBSERVATIONS

Lung

Skin

Inflammation

Squamous Cell Carcinoma

Subacute, Multifocal, Mild

[Squamous Cell Carcinoma TGLS = 2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 708

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lymph Node	Mesenteric	Angiectasis	Marked
	Mesenteric	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 5			
Note: ANGIECTASIS TGLs = 5			
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 1			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 8,4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 43	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Epididymis	Lymphoma Malignant Lymphocytic	
Skin	Fibrosis	Mild
Note: FIBROSIS TGLs = 1		
Spleen	Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Moribund	DAY ON TEST: 622 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
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 - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland		
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Skin		Fibrosis	Mild
		Inflammation	Subacute, Focal, Mild
		Ulcer	Mild
[Fibrosis TGLS = 2]			
[Inflammation TGLS = 1]			
[Ulcer TGLS = 3]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5]			
Testes		Atrophy	Marked
[Atrophy TGLS = 4]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Liver		Granuloma	Multiple, Mild
Lung		Inflammation	Subacute, Multifocal, Minimal
Note: INFLAMMATION TGLs = 4			
Lymph Node	Mesenteric	Angiectasis	Mild
Skin		Hyperplasia	Focal, Mild
	Subcut Tiss	Schwannoma Malignant	
Note: SCHWANNOMA MAL TGLs = 3			
Note: HYPERPLASIA TGLs = 1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Epididymis		Atypia Cellular	Mild
		Depletion Cellular	Mild
Skin		Fibrosis	Minimal
Note: FIBROSIS	TGLs = 1		
Testes		Aspermatogenesis	Mild
	Germinal Epith	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44

TRT#: 5
DOSE: 0.13%

SEX: Male
DISP: Moribund

DAY ON TEST: 723
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Duodenum	Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Harderian Gland	Adenoma	
Lung	Fibrosis	Multifocal, Moderate
	Inflammation	Subacute, Multifocal, Moderate
[Fibrosis TGLS = 2]		
[Inflammation TGLS = 2]		
Skin	Inflammation	Granulomatous, Focal, Moderate
	Ulcer	Mild
Note: INFLAMMATION TGLs = 1		
[Ulcer TGLS = 1]		
Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Kidney		Metaplasia	Osseous, Focal, Moderate
Liver		Hemangiosarcoma	Multiple
Note: HEMANGIOSARC TGLs = 2,3			
Lung		Inflammation	Subacute, Multifocal, Minimal
Note: INFLAMMATION TGLs = 6			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 5			
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Liver	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Lymph Node - Mesenteric	Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Epididymis		Atypia Cellular	Mild
Kidney	Cortex	Infarct	Mild
Skin		Fibrosis	Minimal
		Inflammation	Subacute, Focal, Mild

Note: INFLAMMATION TGLs = 4
[Fibrosis TGLS = 1]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - 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

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Liver

Hepatocellular Carcinoma

[Hepatocellular Carcinoma TGLS = 2]

Lung

Inflammation

Subacute, Multifocal, Moderate

[Inflammation TGLS = 3,4]

Skin

Fibrosis

Mild

[Fibrosis TGLS = 1]

Ulcer

Mild

[Ulcer TGLS = 1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 611

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Prostate
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Pancreas
Salivary Glands
Testes
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Skin
Thymus

Brain
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pituitary Gland
Stomach - Forestomach
Thyroid Gland

MISSING

Lymph Node - Mesenteric

Mammary Gland

OBSERVATIONS

Bone Marrow
Kidney
Liver
Note: HEPATOCLR CARC TGLs = 2,3
Lung

[Alveolar/Bronchiolar Adenoma TGLS = 7]
[Inflammation TGLS = 6]

Spleen

Note: NECROSIS TGLs = 1
[Hemangiosarcoma TGLS = 1]

Hemangiosarcoma
Nephropathy
Hepatocellular Carcinoma
Alveolar/Bronchiolar Adenoma
Inflammation

Moderate

Subacute, Multifocal, Mild

Hemangiosarcoma
Necrosis

Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	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	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING			
Mammary Gland	Pituitary Gland		

OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Mild
Epididymis		Atypia Cellular	Mild
Lung		Inflammation	Subacute, Multifocal, Minimal

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Dead	DAY ON TEST: 614 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Liver Note: HEPATOCLR CARC TGLs = 3,4,9	Hepatocellular Carcinoma	Multiple
Lung [Inflammation TGLS = 8]	Hepatocellular Carcinoma Inflammation	Metastatic (Liver) Subacute, Multifocal, Moderate
Spleen [Hematopoietic Cell Proliferation TGLS = 6]	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47	TRT#: 1	SEX: Male	DAY ON TEST: 58
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Kidney	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Pituitary Gland
Salivary Glands	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Gland - Medulla	Coagulating Gland	Gallbladder	Mammary Gland
Nose	Parathyroid Gland	Prostate	Stomach - Forestomach
Testes			

OBSERVATIONS

Lung [Inflammation TGLS = 7]		Inflammation	Subacute, Multifocal, Moderate
Lymph Node Note: HYPERPLASIA TGLs = 3	Inguinal	Hyperplasia	Mild
Skin Note: ALOPECIA TGLs = 1 Note: INFLAMMATION TGLs = 1		Alopecia Inflammation	Mild Subacute, Focal, Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47	TRT#: 3 DOSE: 0.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Duodenum	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Marked
Kidney	Renal Tubule	Dilatation	Mild
Lung		Inflammation	Subacute, Multifocal, Moderate

[Inflammation TGLS = 3,4,5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 5

SEX: Male

DAY ON TEST: 723

DOSE: 0.13%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Liver	[Lymphoma Malignant Histiocytic TGLS = 4,6,7]	Lymphoma Malignant Histiocytic	
Lung	[Inflammation TGLS = 8]	Inflammation	Subacute, Multifocal, Marked
Mesentery	[Lymphoma Malignant Histiocytic TGLS = 3]	Lymphoma Malignant Histiocytic	
Seminal Vesicle	[Dilatation TGLS = 5]	Dilatation	Marked
Spleen	[Lymphoma Malignant Histiocytic TGLS = 2]	Lymphoma Malignant Histiocytic	
Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48	TRT#: 1	SEX: Male	DAY ON TEST: 533
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Lung [Inflammation TGLS = 5]		Inflammation	Subacute, Multifocal, Moderate
Lymph Node Note: ANGIOECTASIS TGLs = 3	Mesenteric	Angiectasis	Minimal
Skin Note: SCHWANNOMA MAL TGLs = 1,2	Subcut Tiss	Schwannoma Malignant	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 0.25%	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
	Medulla	Mineralization	Minimal
Penis		Developmental Malformation	
Note: DEVELOP MALFOR TGLs = 3			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Moribund	DAY ON TEST: 673 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Skin	Subcut Tiss	Fibrosarcoma	
		Ulcer	Moderate
Note: FIBROSARC TGLs = 1,2 [Ulcer TGLS = 2]			
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 49	TRT#: 1	SEX: Male	DAY ON TEST: 61
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mesenteric	Pancreas
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Intestine Small - Duodenum	Lymph Node - Mandibular	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Thyroid Gland	

OBSERVATIONS

Skin	Fibrosis	Mild
[Fibrosis TGLS = 1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 3

SEX: Male

DAY ON TEST: 575

DOSE: 0.25%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Epididymis		Atypia Cellular	
		Depletion Cellular	Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Skin		Alopecia	Mild
	Subcut Tiss	Fibrosarcoma	
Note: ALOPECIA	TGLs = 1,2		
Note: FIBROSARC	TGLs = 3		
Spleen		Hematopoietic Cell Proliferation	Marked
Testes		Aspermatogenesis	Marked
	Germinal Epith	Degeneration	Marked
Note: DEGEN	TGLs = 4		
Note: ASPERMATOGEN	TGLs = 4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 49	TRT#: 5 DOSE: 0.13%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Lung [Inflammation TGLS = 4]	Inflammation	Subacute, Multifocal, Minimal
Tooth	Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 651

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Epididymis		Depletion Cellular	Moderate
Heart		Inflammation	Acute, Multifocal, Mild
Kidney		Calculus Gross Observation	Moderate
		Hydronephrosis	Moderate
	Papilla	Necrosis	Moderate
Note: CALCUS GRO OBS TGLs = 13			
Note: HYDRONEPHROSIS TGLs = 13			
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 4,5			
Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION TGLs = 11			
Lymph Node	Mesenteric	Angiectasis	Mild
	Iliac	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 7			
Note: ANGIECTASIS TGLs = 10			
Mesentery		Inflammation	Subacute, Focal, Marked
		Thrombosis	Moderate
Note: INFLAMMATION TGLs = 6			
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes		Aspermatogenesis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50	TRT#: 1 DOSE: UNTREATD CONTROL	SEX: Male DISP: Moribund	DAY ON TEST: 651 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
Ureter		Inflammation	Suppurative, Acute, Moderate
Note: INFLAMMATION	TGLs = 9		
Urinary Bladder		Calculus Gross Observation	Moderate
	Transit Epithe	Hyperplasia	Moderate
Note: CALCUS GRO OBS	TGLs = 3		

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 3

SEX: Male

DAY ON TEST: 602

DOSE: 0.25%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Mesenteric	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 3,4		
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC	TGLs = 9		
Lymph Node	Bronchial, Mandibular, Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Mesentery		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Pancreas		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Note: ALV BRON CARC	TGLs = 6		
Skeletal Muscle	Diaphragm, Intercostal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Note: ALV BRON CARC	TGLs = 5,8		
Skin		Alopecia	Mild
		Fungus	Marked
		Inflammation	Granulomatous, Focal, Marked
Note: INFLAMMATION	TGLs = 2		
Note: FUNGUS	TGLs = 2		
Note: ALOPECIA	TGLs = 1		
Spleen		Atrophy	Mild
Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 5

SEX: Male

DAY ON TEST: 734

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Spleen
Thymus

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Islets, Pancreatic
Nose
Prostate
Stomach - Forestomach
Thyroid Gland

Bone
Esophagus
Intestine Large - Rectum
Liver
Pancreas
Salivary Glands
Stomach - Glandular
Trachea

Bone Marrow
Heart
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Skin
Testes
Urinary Bladder

MISSING

Gallbladder

Intestine Small - Duodenum

Mammary Gland

OBSERVATIONS

Kidney
Lung
[Inflammation TGLS = 4]
Tooth

Renal Tubule

Hyperplasia
Inflammation

Dysplasia

Mild
Subacute, Multifocal, Moderate

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1	TRT#: 2	SEX: Female	DAY ON TEST: 717
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Ovary		Abscess	Marked
[Abscess TGLS = 4]			
Pancreas		Abscess	Moderate
Spleen		Hematopoietic Cell Proliferation	Marked
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Marked
Note: GOOD EXAMPLE OF SPINDLE CELL HYPERPLASIA;			
Lung	Alveolar Epith	Hyperplasia	Mild
Ovary		Atrophy	Minimal
Thyroid Gland	Follicle	Cyst	
Uterus		Hyperplasia	Cystic, Marked
		Sarcoma Stromal	
Note: HYPERPLASIA TGLs = 1			
Note: SARC STROMAL TGLs = 2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Inflammation	Subacute, Multifocal, Minimal
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Marked
		Cyst	
Spleen		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Marked

Note: HYPERPLASIA TGLs = 1

Note: MASS BELIEVED TO CONSIST OF CONTENT;WET TISSUE NEG

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 2 DOSE: UNTREATD CONTROL	SEX: Female DISP: Dead	DAY ON TEST: 696 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Rectum	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

MISSING

Adrenal Gland - Medulla	Gallbladder	Thymus
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Liver [Infiltration Cellular TGLS = 6]	Sinusoid	Infiltration Cellular	Polymorphnuclr, Marked
Mesentery		Inflammation	Suppurative, Acute, Multifocal, Marked
Ovary Note: ABSCESS TGLs = 4,5		Abscess	Marked
Spleen [Hematopoietic Cell Proliferation TGLS = 3]		Hematopoietic Cell Proliferation	Marked
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Kidney	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 Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Brain		Compression	
		Meningioma Benign	
Note: MENINGIOMA BGN TGLs = 2 [Compression TGLS = 5]			
Liver		Basophilic Focus	
		Hepatocellular Adenoma	
Lung		Inflammation	Subacute, Multifocal, Minimal
[Inflammation TGLS = 4]			
Ovary		Atrophy	Marked
Note: GOOD EXAMPLE OF ATROPHY			
Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
Note: HYPERPLASIA TGLs = 3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 2	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Duodenum

OBSERVATIONS

Kidney		Lymphoma Malignant Lymphocytic	
Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION	TGLs = 3		
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Ovary		Granulosa Cell Tumor Benign	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 2		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 2	SEX: Female	DAY ON TEST: 667
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
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		

MISSING

Gallbladder	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum
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OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Lung		Inflammation	Subacute, Multifocal, Moderate
Mesentery		Inflammation	Suppurative, Acute, Multifocal, Marked
Ovary		Abscess	Marked
		Cystadenoma	Papillary
Note: ABSCESS	TGLs = 3		
Skin		Hemorrhage	Focal, Marked
Note: HEMORRHAGE	TGLs = 2		
Spleen		Hematopoietic Cell Proliferation	Marked
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Moribund	DAY ON TEST: 656 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
	Cortex, Spindle Cell	Hyperplasia	Minimal
Note: CYST TGLs = 3			
Lung		Hemorrhage	Focal, Mild
Note: HEMORRHAGE TGLs = 4			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6			
Stomach	Glandular	Edema	Mild
Thymus		Cyst	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pancreas	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4	TRT#: 2	SEX: Female	DAY ON TEST: 734
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Kidney	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
[Angiectasis TGLS = 3]			
Uterus		Hyperplasia Inflammation	Cystic, Moderate Suppurative, Acute, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	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	

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Lung		Inflammation	Subacute, Multifocal, Mild
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 2,3]			
Ovary		Adenoma	Tubular
		Atrophy	Marked
		Cyst	
Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Marked
Note: HYDROMETRA TGLs = 4			
[Hydrometra TGLS = 4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 5	TRT#: 2 DOSE: UNTREATD CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Liver Note: HEMANGIOMA TGLs = 3		Hemangioma	
Lung [Inflammation TGLS = 5]		Inflammation	Subacute, Multifocal, Minimal
Mammary Gland [Adenocarcinoma TGLS = 2]		Adenocarcinoma	
Uterus [Hyperplasia TGLS = 4]		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Intestine Large	Cecum	Lymphoma Malignant Histiocytic	
Liver		Lymphoma Malignant Histiocytic	
	[Lymphoma Malignant Histiocytic TGLS = 6]		
Lymph Node	Axillary	Lymphoma Malignant Histiocytic	
	Bronchial	Lymphoma Malignant Histiocytic	
	Mandibular	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
	[Lymphoma Malignant Histiocytic TGLS = 2,3]		
	[Lymphoma Malignant Histiocytic TGLS = 7]		
Ovary		Atrophy	Marked
	Note: GOOD SLIDE TO PHOTOGRAPH ATROPHY		
Spleen		Lymphoma Malignant Histiocytic	
	[Lymphoma Malignant Histiocytic TGLS = 4,5,9]		
Uterus		Hyperplasia	Cystic, Marked
	Note: HYPERPLASIA TGLs = 8		

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 5	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	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

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Kidney		Fibrosis	Focal, Mild
Lung		Inflammation	Subacute, Multifocal, Minimal
Note: INFLAMMATION TGLs = 2			
Ovary		Atrophy	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Lymphoma Malignant Mixed	
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 2 DOSE: UNTREATD CONTROL	SEX: Female DISP: Moribund	DAY ON TEST: 631 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 11,4			
Lung		Inflammation	Subacute, Mild
	Mediastinum	Lymphoma Malignant Lymphocytic	
		Lymphoma Malignant Lymphocytic	
Note: INFLAMMATION TGLs = 12			
Note: LYMPH MAL LYMP TGLs = 6			
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5			
[Lymphoma Malignant Lymphocytic TGLS = 10]			
Mesentery		Lymphoma Malignant Lymphocytic	
	Fat	Necrosis	Focal, Moderate
Note: NECROSIS TGLs = 3			
Note: LYMPH MAL LYMP TGLs = 3			
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 8]			
Thymus		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 2	SEX: Female	DAY ON TEST: 631
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lung [Inflammation TGLS = 3]		Inflammation	Subacute, Multifocal, Minimal
Ovary Note: GOOD EXAMPLE OF ATROPHY		Atrophy	Marked
Spleen [Angiectasis TGLS = 2]		Angiectasis	Mild
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Harderian Gland		Adenocarcinoma	
Liver		Necrosis	Multifocal, Mild
Lung		Inflammation	Subacute, Multifocal, Minimal
Ovary		Atrophy	Marked
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4]			
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 2 DOSE: UNTREATD CONTROL	SEX: Female DISP: Moribund	DAY ON TEST: 708 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Cecum

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Lung		Inflammation	Subacute, Multifocal, Minimal
	Mediastinum	Lymphoma Malignant Lymphocytic	
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5			
Note: LYMPH MAL LYMP TGLs = 11,12			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 10]			
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 3			
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS TGLs = 4			
Spleen		Angiectasis	Moderate
		Lymphoma Malignant Lymphocytic	
[Angiectasis TGLS = 7]			
[Lymphoma Malignant Lymphocytic TGLS = 7]			
Thymus		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 7	TRT#: 2	SEX: Female	DAY ON TEST: 708
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex Cortex, Spindle Cell	Cyst Hyperplasia Inflammation	Moderate Subacute, Multifocal, Mild
Lung Note: INFLAMMATION TGLs = 3			
Ovary		Adenoma Atrophy	Tubular Marked
Uterus Note: HYPERPLASIA TGLs = 2		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Lung		Inflammation	Subacute, Multifocal, Mild
Ovary		Lymphoma Malignant Lymphocytic	
Spleen		Atrophy	Marked
[Lymphoma Malignant Lymphocytic TGLS = 2]		Lymphoma Malignant Lymphocytic	
Thymus		Cyst	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 8	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION	TGLs = 5		
Ovary		Cyst	
Note: CYST	TGLs = 2		
Thyroid Gland	Follicular Cel	Adenoma	
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 3		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 8	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Mammary Gland	Duct	Cyst	
Mesentery		Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Moderate
		Cyst	
[Cyst TGLS = 1]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicle	Hyperplasia	Cystic, Mild
Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	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	

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lung		Inflammation	Subacute, Multifocal, Moderate
Note: INFLAMMATION TGLs = 3			
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 9	TRT#: 2 DOSE: UNTREATD CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Adrenal Gland - Medulla

OBSERVATIONS

Lung Note: INFLAMMATION TGLs = 6	Inflammation	Subacute, Multifocal, Moderate
Ovary Note: CYSTADENOMA TGLs = 4 [Inflammation TGLS = 5]	Cystadenoma Inflammation	Papillary Chronic, Moderate
Uterus [Hyperplasia TGLS = 3]	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 9	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Nose		Hemorrhage	Mild
		Inflammation	Suppurative, Acute, Moderate
Ovary		Atrophy	Marked
Stomach	Glandular	Mineralization	Minimal
Uterus		Adenocarcinoma	
		Hyperplasia	Cystic, Marked

Note: ADENOCARC TGLs = 2
[Adenocarcinoma TGLS = 3]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 9	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Lung		Inflammation	Subacute, Multifocal, Mild
[Inflammation TGLS = 2]			
Ovary		Atrophy	Marked
		Cyst	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Brain

OBSERVATIONS

Kidney		Fibrosis	Focal, Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Mammary Gland	Duct	Cyst	
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3]			
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Moribund	DAY ON TEST: 660 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Kidney		Hydronephrosis	Moderate
Liver		Hepatocellular Adenoma	
Mesentery		Sarcoma	
[Sarcoma TGLS = 1,2]			
Ovary		Atrophy	Moderate
Note: ATROPHY TGLs = 3			
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pancreas	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION	TGLs = 4		
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Ovary		Cyst	
Note: CYST	TGLs = 2		
Spleen		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 3]		
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicular Cel	Carcinoma	
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Salivary Glands
Stomach - Glandular

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Skin
Thyroid Gland

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland
Lung
 Note: INFLAMMATION TGLs = 5
Ovary
 Note: GOOD EXAMPLE TO PHOTOGRAPH
Thymus
Uterus
 Note: HYPERPLASIA TGLs = 3

Cortex, Spindle Cell

Hyperplasia
Inflammation

Atrophy

Cyst
Hyperplasia

Mild
Subacute, Multifocal, Mild

Marked

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pancreas	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12	TRT#: 2	SEX: Female	DAY ON TEST: 603
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Small - Duodenum	Islets, Pancreatic	Kidney
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

MISSING

Lymph Node - Mesenteric

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Liver	Hepatocellular Adenoma		
Lung	Alveolar/Bronchiolar Adenoma		
	Inflammation		Subacute, Multifocal, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 3]			
Uterus	Hyperplasia		Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Kidney	Liver	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
	Cortex, Spindle Cell	Hyperplasia	Marked
Note: GOOD EXAMPLE OF SPINDLE CELL HYPERPLASIA; [Cyst TGLS = 5]			
Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 4]			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Marked
Note: GOOD EXAMPLE OF ATROPHY			
Skin	Sebaceous GI	Adenoma	
[Adenoma TGLS = 3]			
Spleen		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 6

SEX: Female

DAY ON TEST: 708

DOSE: 0.13%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney	Cortex	Infarct	Mild
Liver		Lymphoma Malignant Histiocytic	
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Inguinal	Lymphoma Malignant Histiocytic	
	Mandibular	Lymphoma Malignant Histiocytic	
	[Lymphoma Malignant Histiocytic TGLS = 1]		
	[Lymphoma Malignant Histiocytic TGLS = 2]		
Ovary		Atrophy	Marked
Spleen		Lymphoma Malignant Histiocytic	
	[Lymphoma Malignant Histiocytic TGLS = 3]		
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 13	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Lung	Alveolar/Bronchiolar Adenoma Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION TGLs = 4 [Alveolar/Bronchiolar Adenoma TGLS = 3]		
Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Nitrofurantoin
 CAS Number: 67-20-9

Date Report Requested: 10/23/2014
 Time Report Requested: 14:32:03
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 13	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney	Medulla	Lymphoma Malignant Lymphocytic Mineralization	Mild
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Lumbar	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3 [Lymphoma Malignant Lymphocytic TGLs = 4]			
Ovary		Atrophy	Marked
Note: GOOD EXAMPLE OF ATROPHY			
Spleen		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Skin
Thyroid Gland

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Salivary Glands
Thymus

OBSERVATIONS

Adrenal Gland Cortex, Spindle Cell

Hyperplasia

Marked

Note: GOOD SLIDE OF SPINDLE CELL HYPERPLASIA;

Lung Inflammation
Ovary Atrophy
Spleen Lymphoma Malignant Lymphocytic
[Lymphoma Malignant Lymphocytic TGLS = 1]

Subacute, Multifocal, Mild

Marked

Uterus Hyperplasia
Polyp Stromal

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 14	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Lung	Inflammation	Subacute, Multifocal, Mild
Ovary	Cyst	
Note: CYST TGLs = 4		
Spleen	Lymphoma Malignant Lymphocytic	
Uterus	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 3		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Nitrofurantoin
 CAS Number: 67-20-9

Date Report Requested: 10/23/2014
 Time Report Requested: 14:32:03
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 14	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Moribund	DAY ON TEST: 630 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Kidney		Lymphoma Malignant Histiocytic	
Liver		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 7			
Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Subacute, Multifocal, Mild
		Lymphoma Malignant Histiocytic	
Note: INFLAMMATION TGLs = 8			
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 9			
Note: LYMPH MAL HIST TGLs = 9			
Ovary		Atrophy	Marked
		Lymphoma Malignant Histiocytic	
		Mixed Tumor Benign	
Spleen		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 4]			
Thymus		Lymphoma Malignant Histiocytic	
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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 - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Marked
		Cyst	
		Mineralization	Mild
Spleen		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 1]		
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 2

SEX: Female

DAY ON TEST: 148

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Liver
Salivary Glands
Stomach - Glandular
Uterus

Bone
Gallbladder
Mammary Gland
Skin
Thymus

Bone Marrow
Heart
Ovary
Spleen
Trachea

Brain
Kidney
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

MISSING

Lymph Node - Mesenteric

Nose

Parathyroid Gland

Thyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum
Intestine Small - Ileum

Intestine Large - Colon
Intestine Small - Jejunum

Intestine Large - Rectum
Islets, Pancreatic

Intestine Small - Duodenum
Pancreas

OBSERVATIONS

Adrenal Gland
[Congestion TGLS = 2]

Cortex

Congestion

Moderate

Lung
[Inflammation TGLS = 3,4]

Inflammation

Suppurative, Acute, Marked

Lymph Node
[Congestion TGLS = 5]
[Congestion TGLS = 1]

Mandibular
Mediastinal

Congestion
Congestion

Moderate
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 15	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Liver	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Adrenal Gland - Medulla	Gallbladder	Lymph Node - Mandibular
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney	Renal Tubule	Degeneration	Multifocal, Mild
Ovary		Atrophy	Marked
		Mixed Tumor Benign	
Skin		Fibrosis	Mild
[Fibrosis TGLS = 1]			
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 15	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Moribund	DAY ON TEST: 709 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
Note: ADENOCARC TGLs = 3			
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 1,2]			
Ovary		Atrophy	Marked
Spleen		Hematopoietic Cell Proliferation	Marked
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder

OBSERVATIONS

Kidney		Lymphoma Malignant Lymphocytic	
Lung		Inflammation	Subacute, Multifocal, Minimal
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Mammary Gland	Duct	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 3]			
[Angiectasis TGLS = 3]			
Spleen		Lymphoma Malignant Lymphocytic	
Thymus		Hemorrhage	Mild
		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Marked
Note: GOOD EXAMPLE OF SPINDLE CELL HYPERPLASIA;			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2]			
Lung		Inflammation	Subacute, Multifocal, Minimal
Ovary		Atrophy	Marked
Note: GOOD SLIDE TO PHOTOGRAPH			
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 6

SEX: Female

DAY ON TEST: 687

DOSE: 0.13%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney		Lymphoma Malignant Histiocytic	
	[Lymphoma Malignant Histiocytic TGLS = 5]		
Liver		Ito Cell Tumor Nos	
		Lymphoma Malignant Histiocytic	
	[Lymphoma Malignant Histiocytic TGLS = 1]		
Lung		Lymphoma Malignant Histiocytic	
	[Lymphoma Malignant Histiocytic TGLS = 6]		
Lymph Node	Bronchial	Lymphoma Malignant Histiocytic	
	Inguinal	Lymphoma Malignant Histiocytic	
	Mandibular	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
	[Lymphoma Malignant Histiocytic TGLS = 7]		
	[Lymphoma Malignant Histiocytic TGLS = 7]		
	[Lymphoma Malignant Histiocytic TGLS = 7]		
	[Lymphoma Malignant Histiocytic TGLS = 7]		
	[Lymphoma Malignant Histiocytic TGLS = 7]		
Ovary		Atrophy	Marked
Spleen		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16

TRT#: 6
DOSE: 0.13%

SEX: Female
DISP: Moribund

DAY ON TEST: 687
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Lymphoma Malignant Histiocytic

Note: HEMORRHAGE TGLs = 2
[Lymphoma Malignant Histiocytic TGLS = 2,4]

Uterus

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 635
DOSE: UNTREATD CONTROL **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney Note: NECROSIS TGLs = 6	Renal Tubule	Necrosis	Multifocal, Mild
Liver Note: NECROSIS TGLs = 5		Necrosis	Multifocal, Mild
Lung Note: INFLAMMATION TGLs = 8		Inflammation	Subacute, Multifocal, Mild
Lymph Node Note: ANGIECTASIS TGLs = 4	Mesenteric	Angiectasis	Moderate
Mammary Gland Note: ADENOCARC TGLs = 3		Adenocarcinoma	
Ovary		Cyst	
Spleen		Hematopoietic Cell Proliferation	Marked
Thyroid Gland	Follicular Cel	Adenoma	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Moribund	DAY ON TEST: 568 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Gallbladder		Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 8,9,10		
Liver		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 12,13,14]			
Lung		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 16]			
Lymph Node	Mesenteric	Lymphoma Malignant Histiocytic	
Mesentery		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 2,3		
Ovary		Lymphoma Malignant Histiocytic	
Pancreas		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 3		
Skin		Alopecia	Mild
Note: ALOPECIA	TGLs = 1		
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 6]			
Uterus		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17

TRT#: 4
DOSE: 0.25%

SEX: Female
DISP: Moribund

DAY ON TEST: 568
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone
Heart
Intestine Small - Duodenum
Kidney
Nose
Salivary Glands
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Skin
Thyroid Gland

MISSING

Gallbladder Lymph Node - Mesenteric

OBSERVATIONS

Lung Lymphoma Malignant Lymphocytic
Ovary Atrophy
Spleen Lymphoma Malignant Lymphocytic
Uterus Hyperplasia

Marked

Cystic, Marked

Note: HYPERPLASIA TGLs = 2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Skin	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Harderian Gland		Adenocarcinoma	
Note: ADENOCARC	TGLs = 6		
Lung		Inflammation	Subacute, Multifocal, Mild
Mesentery		Hemorrhage	Focal, Moderate
	Fat	Necrosis	Focal, Moderate
Note: HEMORRHAGE	TGLs = 3		
Note: NECROSIS	TGLs = 3		
Stomach	Forestomach	Squamous Cell Papilloma	
Thyroid Gland	Follicle	Cyst	
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 4

DOSE: 0.25%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Salivary Glands
Thymus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Pancreas
Skin
Thyroid Gland

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Pituitary Gland
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Kidney
Lung
Lymph Node

Iliac
Inguinal
Mandibular
Mediastinal
Mesenteric
Pancreatic
Renal

Lymphoma Malignant Mixed
Inflammation
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed

Subacute, Multifocal, Mild

Note: LYMPH MAL MIXD TGLs = 2

Note: LYMPH MAL MIXD TGLs = 3

Mammary Gland
Ovary
Spleen

Duct

Cyst
Atrophy
Lymphoma Malignant Mixed

Moderate

Note: LYMPH MAL MIXD TGLs = 5

Uterus

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 18	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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 - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Medulla	Hyperplasia Hyperplasia	Minimal Mild
Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 3			
Ovary		Cyst	
Note: CYST TGLs = 4			
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 5]			
Thymus		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Nitrofurantoin
 CAS Number: 67-20-9

Date Report Requested: 10/23/2014
 Time Report Requested: 14:32:03
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 19	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney	Renal Tubule	Dilatation	Mild
	Medulla	Mineralization	Mild
	Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic
Ovary	Mesenteric	Lymphoma Malignant Lymphocytic	
		Atrophy	Marked
		Cyst	
		Hemangioma	
Note: CYST	TGLs = 2		
Spleen		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 2

SEX: Female

DAY ON TEST: 714

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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

Lymph Node [Hyperplasia TGLS = 5]	Mediastinal	Hyperplasia	Moderate
Mesentery [Inflammation TGLS = 2] [Necrosis TGLS = 2]	Fat	Inflammation Necrosis	Subacute, Focal, Marked Focal, Marked
Pancreas [Atrophy TGLS = 4] [Cyst TGLS = 4] [Inflammation TGLS = 4]	Duct	Atrophy Cyst Inflammation	Moderate Subacute, Moderate
Uterus [Hyperplasia TGLS = 3]		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Nose
Skin
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Spleen
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Mammary Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland
Ovary

Cortex, Spindle Cell

Hyperplasia
Atrophy
Cyst
Mineralization
Mixed Tumor Benign

Minimal
Marked
Mild

Note: MIXD TUMOR BGN TGLs = 4
Note: ATROPHY TGLs = 3
Note: GOOD SLIDE TO PHOTOGRAPH
[Cyst TGLS = 3]

Uterus

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Skin
Thyroid Gland

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Salivary Glands
Stomach - Glandular

MISSING

Thymus

OBSERVATIONS

Adrenal Gland
Lung
[Inflammation TGLS = 1]
Ovary
Uterus

Cortex, Spindle Cell

Hyperplasia
Inflammation

Atrophy
Hyperplasia

Moderate
Subacute, Multifocal, Minimal
Marked
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 21	TRT#: 2	SEX: Female	DAY ON TEST: 607
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Kidney
Lymph Node - Mandibular	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Lymph Node - Mesenteric
-------------	-------------------------

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas

OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Lung	Mediastinum	Inflammation	Suppurative, Acute, Mild
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 3			
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Acute, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Nitrofurantoin
 CAS Number: 67-20-9

Date Report Requested: 10/23/2014
 Time Report Requested: 14:32:03
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 21	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Moribund	DAY ON TEST: 696 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Kidney	Liver	Lymph Node - Mandibular
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Islets, Pancreatic

OBSERVATIONS

Adrenal Gland	Cortex Cortex	Cyst Fibrosarcoma	Metastatic (Mesentery)
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Note: FIBROSARC	TGLs = 5		
Lung		Inflammation	Subacute, Multifocal, Mild
Lymph Node	Mesenteric	Fibrosarcoma	Metastatic (Mesentery)
Note: FIBROSARC	TGLs = 4		
Mesentery		Fibrosarcoma	
Note: FIBROSARC	TGLs = 1		
Ovary		Atrophy	Marked
Pancreas		Fibrosarcoma	Metastatic (Mesentery)
Note: FIBROSARC	TGLs = 3		
Skeletal Muscle		Fibrosarcoma	Metastatic (Mesentery)
Note: FIBROSARC	TGLs = 2		
Spleen		Fibrosarcoma	Metastatic (Mesentery)
Stomach	Forestomach, Glandular	Fibrosarcoma	Metastatic (Mesentery)
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 6

SEX: Female

DAY ON TEST: 709

DOSE: 0.13%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Liver
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Thyroid Gland

Esophagus
Intestine Large - Colon
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

MISSING

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland

Cortex, Spindle Cell
Cortex

Hyperplasia
Osteosarcoma
Osteosarcoma

Moderate
Metastatic (Bone)

Bone

[Osteosarcoma TGLS = 1]

Kidney

Cyst

Lung

Osteosarcoma

Metastatic (Bone)

[Osteosarcoma TGLS = 3,4]

Ovary

Atrophy

Marked

Note: GOOD SLIDE TO PHOTOGRAPH ATROPHY OF OVARY

Uterus

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22	TRT#: 2	SEX: Female	DAY ON TEST: 722
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Lung		Inflammation	Subacute, Multifocal, Moderate
Mesentery		Inflammation	Suppurative, Acute, Multifocal, Marked
Ovary		Abscess	Marked
[Abscess TGLS = 1]			
Spleen		Hematopoietic Cell Proliferation	Marked
Thyroid Gland	Follicular Cel	Adenoma	
Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22	TRT#: 4	SEX: Female	DAY ON TEST: 734
	DOSE: 0.25%	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Kidney	Renal Tubule	Carcinoma	
Note: CARCINOMA	TGLs = 3		
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Marked
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2]			
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23 TRT#: 2 SEX: Female DAY ON TEST: 649
DOSE: UNTREATD CONTROL DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Kidney
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
Lymph Node - Mesenteric			

OBSERVATIONS

Liver		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 4			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic	
	Renal	Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 1]			
Spleen		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 2]			
Thymus		Lymphoma Malignant Histiocytic	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 4

DOSE: 0.25%

SEX: Female

DISP: Moribund

DAY ON TEST: 729

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Pancreas
Skin
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Stomach - Glandular

Bone Marrow
Heart
Intestine Small - Duodenum
Mammary Gland
Pituitary Gland
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Salivary Glands
Trachea

OBSERVATIONS

Adrenal Gland

Cortex, Spindle Cell

Hyperplasia

Mild

Kidney

Lymphoma Malignant Lymphocytic

Note: LYMPH MAL LYMP TGLs = 6

Liver

Lymphoma Malignant Lymphocytic

Note: LYMPH MAL LYMP TGLs = 7,8

Lung

Lymphoma Malignant Lymphocytic

Lymph Node

Bronchial

Lymphoma Malignant Lymphocytic

Iliac

Lymphoma Malignant Lymphocytic

Mandibular

Lymphoma Malignant Lymphocytic

Mediastinal

Lymphoma Malignant Lymphocytic

Mesenteric

Lymphoma Malignant Lymphocytic

Pancreatic

Lymphoma Malignant Lymphocytic

[Lymphoma Malignant Lymphocytic TGLS = 1]

[Lymphoma Malignant Lymphocytic TGLS = 2]

[Lymphoma Malignant Lymphocytic TGLS = 9]

Mesentery

Lymphoma Malignant Lymphocytic

Fat

Necrosis

Focal, Moderate

[Necrosis TGLS = 2]

Ovary

Adenoma

Tubular

Atrophy

Marked

Lymphoma Malignant Lymphocytic

Note: LYMPH MAL LYMP TGLs = 3

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Moribund	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY	TGLs = 3		
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 5]			
Stomach	Forestomach	Lymphoma Malignant Lymphocytic	
Thymus	Mediastinum	Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 4		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Ovary		Atrophy	Marked
		Granulosa Cell Tumor Benign	
Note: GRANLSA TM BGN TGLs = 3			
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 1,2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Intestine Small	Ileum	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2			
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Lymphocytic	
[Hematopoietic Cell Proliferation TGLS = 3]			
[Lymphoma Malignant Lymphocytic TGLS = 3]			
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 4

DOSE: 0.25%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney	Medulla	Mineralization	Moderate
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2]			
Lung		Inflammation	Subacute, Multifocal, Moderate
		Lymphoma Malignant Lymphocytic	
Note: INFLAMMATION	TGLs = 4		
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1]			
Ovary		Atrophy	Marked
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 5		
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	

Note: HYPERPLASIA TGLs = 1
[Hyperplasia TGLS = 1]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25	TRT#: 2	SEX: Female	DAY ON TEST: 654
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Mesentery		Inflammation	Suppurative, Acute, Multifocal, Moderate
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 3		
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5]			
Thyroid Gland	Follicle	Degeneration	Cystic, Mild
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Pancreas
Skin
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Adrenal Gland
Kidney
Liver

Cortex, Spindle Cell

Hyperplasia
Metaplasia
Hepatocellular Adenoma

Mild
Osseous, Focal, Mild

[Hepatocellular Adenoma TGLS = 1]

Lymph Node

Mandibular
Mediastinal

Lymphoma Malignant Lymphocytic
Lymphoma Malignant Lymphocytic
Atrophy

Marked

Ovary

Note: GOOD EXAMPLE OF ATROPHY TO PHOTOGRAPH

Spleen
Uterus

Lymphoma Malignant Lymphocytic
Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pancreas
Skin
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Salivary Glands
Thymus

MISSING

Gallbladder

OBSERVATIONS

Mammary Gland

[Adenocarcinoma TGLS = 1]

Ovary

Adenocarcinoma

Atrophy

Marked

Cyst

Hemorrhage

Mild

Mineralization

Mild

Note: ATROPHY TGLs = 4

Note: MINERALIZATION TGLs = 4

[Cyst TGLS = 4]

[Mineralization TGLS = 4]

Spleen

Hematopoietic Cell Proliferation

Moderate

Uterus

Hyperplasia

Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 2

SEX: Female

DAY ON TEST: 561

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Salivary Glands
Thymus

OBSERVATIONS

Liver
Lung

Vacuolization Cytoplasmic
Alveolar/Bronchiolar Carcinoma
Infiltration Cellular

Focal, Mild
Histiocyte, Multifocal, Mild

[Alveolar/Bronchiolar Carcinoma TGLS = 7]

Lymph Node Renal

Hyperplasia

Mild

Note: HYPERPLASIA TGLs = 2

Ovary

Abscess

Marked

Note: ABSCESS TGLs = 4

Spleen

Hematopoietic Cell Proliferation

Moderate

[Hematopoietic Cell Proliferation TGLS = 5]

Uterus

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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 - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Liver		Ito Cell Tumor Nos	
Note: ITO CL TM NOS TGLs = 1,2			
Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION TGLs = 3			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Ovary		Adenoma	Tubular
		Atrophy	Marked
Note: GOOD EXAMPLE OF TUBULAR CELL ADENOMA			
Spleen		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 2]			
Kidney	Cortex	Infarct	Minimal
Ovary		Atrophy	Marked
		Cyst	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Lung [Inflammation TGLS = 3]	Inflammation	Subacute, Multifocal, Minimal
Ovary [Cyst TGLS = 2]	Cyst	
Uterus	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Ovary		Atrophy	Marked
		Cyst	
		Hemorrhage	Moderate
Uterus		Hyperplasia	Cystic, Marked

Note: HYPERPLASIA TGLs = 1

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Moribund	DAY ON TEST: 706 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Ovary		Cyst	
[Cyst TGLS = 1]			
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Liver	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Clitoral Gland		Cyst	
Note: CYST TGLs = 2			
Intestine Small	Jejunum	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1			
Lung		Inflammation	Subacute, Multifocal, Mild
Spleen		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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 - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Marked
		Cyst	
Note: ATROPHY	TGLs = 2		
Note: GOOD EXAMPLE OF ATROPHY			
Note: CYST	TGLs = 2		
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3]			
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Ovary		Atrophy	Marked
Note: GOOD SLIDE TO PHOTOGRAPH ATROPHY OF OVARY			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 3			
Skin		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1]			
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Stomach - Forestomach	Stomach - Glandular
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OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Deep Cervical	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
Mesentery		Lymphoma Malignant Lymphocytic	
Ovary		Cyst	
Note: CYST	TGLs = 1		
Pancreas		Atrophy	Mild
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29 TRT#: 4 SEX: Female DAY ON TEST: 733
DOSE: 0.25% DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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 - 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 Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION TGLs = 5			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Marked
		Cyst	
		Granulosa Cell Tumor Benign	
Note: GRANLSA TM BGN TGLs = 3			
Note: ATROPHY TGLs = 3			
Note: GOOD EXAMPLE OF GRANLSA TM BGN TO PHOTOGRAPH			
Note: CYST TGLs = 2			
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 6

SEX: Female

DAY ON TEST: 617

DOSE: 0.13%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Harderian Gland		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 1		
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 7		
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 8		
[Lymphoma Malignant Mixed TGLS = 2]			
Ovary		Atrophy	Moderate
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5]			
Thymus		Lymphoma Malignant Mixed	
Uterus	Cervix	Lymphoma Malignant Mixed	
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3		
Note: LYMPH MAL MIXD	TGLs = 4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Nose	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Mammary Gland	Duct	Cyst	
Note: CYST TGLs = 3			
Ovary		Cyst	
Note: CYST TGLs = 4			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5]			
Thyroid Gland	Follicle	Cyst	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Nitrofurantoin
 CAS Number: 67-20-9

Date Report Requested: 10/23/2014
 Time Report Requested: 14:32:03
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 30 TRT#: 4 SEX: Female DAY ON TEST: 639
 DOSE: 0.25% DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Kidney		Lymphoma Malignant Histiocytic	
Liver		Lymphoma Malignant Histiocytic	
Lung		Inflammation	Subacute, Multifocal, Moderate
		Lymphoma Malignant Histiocytic	
Note: INFLAMMATION TGLs = 2			
Note: LYMPH MAL HIST TGLs = 2			
Lymph Node	Mandibular	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
Ovary		Atrophy	Marked
Note: GOOD EXAMPLE OF ATROPHY IN BOTH OVARIES			
Pancreas		Lymphoma Malignant Histiocytic	
Salivary Glands		Lymphoma Malignant Histiocytic	
Spleen		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 1			
Thymus		Lymphoma Malignant Histiocytic	
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Kidney	Liver	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Medulla	Hyperplasia Hyperplasia	Mild Mild
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Ovary		Atrophy Cystadenoma	Marked Papillary
Spleen		Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 2

SEX: Female

DAY ON TEST: 601

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Salivary Glands
Thymus

Bone
Heart
Intestine Small - Duodenum
Kidney
Nose
Skin
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Stomach - Forestomach
Trachea

MISSING

Gallbladder Parathyroid Gland

OBSERVATIONS

Liver Sinusoid
Lung [Inflammation TGLS = 6,7]
Mesentery
Ovary Note: ABSCESS TGLs = 3
Spleen [Hematopoietic Cell Proliferation TGLS = 4]
Uterus

Infiltration Cellular
Inflammation
Inflammation
Abscess
Hematopoietic Cell Proliferation
Hyperplasia
Inflammation

Polymorphnuclr, Mild
Subacute, Multifocal, Mild
Suppurative, Acute, Multifocal, Moderate
Marked
Marked
Cystic, Moderate
Suppurative, Acute, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 4

DOSE: 0.25%

SEX: Female

DISP: Moribund

DAY ON TEST: 729

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney	Cortex	Infarct	Minimal
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 6			
Liver		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 7,8,9]			
Lung		Inflammation	Subacute, Multifocal, Mild
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 10			
[Lymphoma Malignant Histiocytic TGLS = 10]			
Ovary		Atrophy	Marked
		Lymphoma Malignant Histiocytic	
Note: ATROPHY TGLs = 4			
Note: LYMPH MAL HIST TGLs = 3			
Skeletal Muscle		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 2]			
Spleen		Lymphoma Malignant Histiocytic	
[Lymphoma Malignant Histiocytic TGLS = 5]			
Thyroid Gland	Follicle	Cyst	
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 0.13%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Salivary Glands
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Pancreas
Skin
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Parathyroid Gland
Stomach - Forestomach
Trachea

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland
Lymph Node
Nose
Ovary
Spleen
[Lymphoma Malignant Lymphocytic TGLS = 1]
Uterus

Cortex, Spindle Cell
Mandibular

Hyperplasia
Lymphoma Malignant Lymphocytic
Inflammation
Atrophy
Lymphoma Malignant Lymphocytic
Hyperplasia

Mild
Suppurative, Acute, Mild
Marked
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 2

SEX: Female

DAY ON TEST: 521

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Mesentery		Inflammation	Suppurative, Acute, Multifocal, Moderate
Ovary		Abscess	Marked
Skin		Alopecia	Mild
Note: ALOPECIA	TGLs = 1		
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3]			
Stomach	Forestomach	Squamous Cell Carcinoma	
	Forestomach	Ulcer	Marked
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Acute, Moderate

Note: HYPERPLASIA TGLs = 2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Lung		Inflammation	Subacute, Multifocal, Mild
Ovary		Atrophy	Marked
		Cyst	
		Hemorrhage	Mild
		Mineralization	Mild
Note: CYST TGLs = 3			
Note: ATROPHY TGLs = 3			
[Cyst TGLS = 3]			
[Mineralization TGLS = 3]			
Pancreas	Duct	Cyst	
Note: CYST TGLs = 4			
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 32	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Ovary		Atrophy	Marked
Skin	Subcut Tiss	Granulosa Cell Tumor Benign	
[Schwannoma Benign TGLS = 3]		Schwannoma Benign	
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33	TRT#: 2	SEX: Female	DAY ON TEST: 500
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Mesentery		Inflammation	Suppurative, Acute, Multifocal, Moderate
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 1,2		
Spleen		Hematopoietic Cell Proliferation	Marked
Thymus	Mediastinum	Inflammation	Suppurative, Acute, Moderate
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Acute, Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 678
DOSE: 0.25% **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Medulla	Hyperplasia Hyperplasia	Minimal Moderate
Brain		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4			
Liver		Hepatocellular Carcinoma Lymphoma Malignant Lymphocytic	
Note: HEPATOCLR CARC TGLs = 5			
Note: LYMPH MAL LYMP TGLs = 5			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial Mandibular Mediastinal Mesenteric	Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6			
Ovary		Atrophy Lymphoma Malignant Lymphocytic	Moderate
Pancreas		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3			
Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Moribund	DAY ON TEST: 678 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Uterus		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Kidney	Liver	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	

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex, Spindle Cell	Adenoma Hyperplasia	Moderate
Ovary		Atrophy	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Uterus		Adenocarcinoma Hyperplasia	Cystic, Mild

Note: ADENOCARC TGLs = 1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 686
DOSE: UNTREATD CONTROL **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
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	
Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Lung		Inflammation	Subacute, Multifocal, Minimal
Lymph Node	Iliac	Hyperplasia	Mild
	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
	Renal	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3			
Note: HYPERPLASIA TGLs = 2			
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 5			
Skeletal Muscle		Inflammation	Suppurative, Acute, Mild
Note: INFLAMMATION TGLs = 6			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4]			
Uterus		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Acute, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	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 Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Kidney	Medulla	Mineralization	Mild
Lung		Basal Cell Carcinoma	Metastatic (Skin)
Note: BASAL CEL CARC TGLs = 2			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Marked
		Cyst	
Note: GOOD EXAMPLE OF ATROPHY TO PHOTOGRAPH			
Skin		Basal Cell Carcinoma	
Note: BASAL CEL CARC TGLs = 1			
Spleen		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Mammary Gland	Nose	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric	Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lung		Inflammation	Subacute, Multifocal, Minimal
Ovary		Atrophy	Mild
Uterus		Hyperplasia	Cystic, Marked

Note: HYPERPLASIA TGLs = 2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35	TRT#: 2	SEX: Female	DAY ON TEST: 607
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	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	

MISSING

Gallbladder

OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Mesentery		Inflammation	Suppurative, Acute, Multifocal, Mild
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 3		
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Kidney	Medulla	Mineralization	Mild
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3]			
Ovary		Atrophy	Marked
		Mixed Tumor Benign	
Note: GOOD SLIDE TO PHOTOGRAPH			
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35

TRT#: 6

SEX: Female

DAY ON TEST: 670

DOSE: 0.13%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Sarcoma	
[Sarcoma TGLS = 9]			
Kidney	Cortex	Mineralization	Diffuse, Mild
Note: SARCOMA TGLs = 1		Sarcoma	
Note: MINERALIZATION TGLs = 6			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3			
Lung	Mediastinum	Sarcoma	
[Sarcoma TGLS = 8]		Sarcoma	
Mesentery		Sarcoma	
Note: SARCOMA TGLs = 2			
Ovary		Atrophy	Marked
Pancreas		Sarcoma	
Note: SARCOMA TGLs = 5			
Skeletal Muscle		Sarcoma	
Note: SARCOMA TGLs = 4			
Stomach	Forestomach	Sarcoma	
	Glandular	Sarcoma	
	Forestomach	Ulcer	Moderate
	Glandular	Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35

TRT#: 6
DOSE: 0.13%

SEX: Female
DISP: Moribund

DAY ON TEST: 670
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Salivary Glands
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Stomach - Forestomach
Trachea

MISSING

Pituitary Gland

OBSERVATIONS

Liver
Note: HEMANGIOSARC TGLs = 4
Lymph Node
Note: ANGIECTASIS TGLs = 11
Ovary
Skin
Note: HEMANGIOSARC TGLs = 2
Spleen
Note: HEMANGIOSARC TGLs = 3,9,10
Uterus
Note: HYDROMETRA TGLs = 7

Mesenteric
Subcut Tiss

Hemangiosarcoma
Angiectasis Moderate
Cyst
Hemangiosarcoma
Hemangiosarcoma
Hydrometra Moderate
Hyperplasia Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Ovary		Atrophy	Marked
		Cyst	
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Nitrofurantoin
 CAS Number: 67-20-9

Date Report Requested: 10/23/2014
 Time Report Requested: 14:32:03
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 36

TRT#: 6
DOSE: 0.13%

SEX: Female
DISP: Moribund

DAY ON TEST: 696
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Colon	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2			
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4			
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5			
Lymph Node	Deep Cervical	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3			
Ovary		Atrophy	Marked
Pancreas		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1]			
Thymus		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 37

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Skin
Thymus

Bone
Gallbladder
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Heart

Hemangiosarcoma

Lung

Alveolar Epith

Hyperplasia

Mild

Note: INFLAMMATION TGLs = 3

[Inflammation TGLS = 2]

Inflammation

Subacute, Multifocal, Mild

Uterus

Hyperplasia

Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 4

DOSE: 0.25%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 8 [Hepatocellular Carcinoma TGLS = 3]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Mammary Gland		Adenocarcinoma	Multiple
[Adenocarcinoma TGLS = 1,2]			
Mesentery		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 4]			
Ovary		Atrophy	Marked
Spleen		Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 6]			
Stomach	Forestomach	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 7			
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Adrenal Gland
Lung
Ovary

Cortex, Spindle Cell

Hyperplasia
Inflammation
Atrophy
Cyst
Hemangioma
Hyperplasia

Minimal
Subacute, Multifocal, Minimal
Marked

Cystic, Moderate

Uterus
Note: HYPERPLASIA TGLs = 1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38	TRT#: 2	SEX: Female	DAY ON TEST: 456
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Liver	Kupffer Cell	Pigmentation	Moderate
Mesentery		Cyst	
Note: CYST	TGLs = 2		
Pancreas		Atrophy	Mild
Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 4		
Note: HYDROMETRA	TGLs = 3		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Kidney		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
Mesentery	Fat	Necrosis	Focal, Moderate
[Necrosis TGLS = 1]			
Ovary		Atrophy	Moderate
Pancreas		Atrophy	Marked
	Duct	Cyst	
[Atrophy TGLS = 2]			
[Cyst TGLS = 2]			
Spleen		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 6

DOSE: 0.13%

SEX: Female

DISP: Dead

DAY ON TEST: 596

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Lymph Node - Mesenteric
Salivary Glands
Thymus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Nose
Skin
Thyroid Gland

Bone
Gallbladder
Islets, Pancreatic
Pancreas
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Lymph Node - Mandibular
Pituitary Gland
Stomach - Glandular

MISSING

Intestine Large - Cecum

Intestine Small - Duodenum

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Kidney

Hydronephrosis
Lymphoma Malignant Histiocytic

Moderate

Note: LYMPH MAL HIST TGLs = 7
Note: HYDRONEPHROSIS TGLs = 7,8

Liver

Lymphoma Malignant Histiocytic
Necrosis

Multifocal, Moderate

Note: LYMPH MAL HIST TGLs = 9

Lung

Inflammation
Congestion

Subacute, Multifocal, Mild
Mild

Lymph Node

Renal

Note: CONGESTION TGLs = 4

Mammary Gland

Adenocarcinoma

Note: ADENOCARC TGLs = 3

Ovary

Atrophy
Lymphoma Malignant Histiocytic
Hematopoietic Cell Proliferation
Inflammation
Hyperplasia
Lymphoma Malignant Histiocytic

Marked

Spleen

Urinary Bladder

Uterus

Moderate
Chronic, Mild
Cystic, Mild

Note: LYMPH MAL HIST TGLs = 6

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38	TRT#: 6	SEX: Female	DAY ON TEST: 596
	DOSE: 0.13%	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 2

SEX: Female

DAY ON TEST: 452

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Nose	Parathyroid Gland
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OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Lung	Mediastinum	Inflammation	Suppurative, Acute, Mild
Lymph Node	Iliac	Hyperplasia	Mild
	Renal	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2			
Note: HYPERPLASIA TGLs = 3			
Mesentery		Inflammation	Suppurative, Acute, Multifocal, Moderate
Ovary		Abscess	Marked
		Cyst	
		Hemorrhage	Marked
Note: CYST TGLs = 6			
Note: ABSCESS TGLs = 5			
Note: HEMORRHAGE TGLs = 5			
Skin		Alopecia	Mild
		Inflammation	Suppurative, Acute, Mild
Note: INFLAMMATION TGLs = 1			
Note: ALOPECIA TGLs = 1			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 7]			
Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39	TRT#: 2	SEX: Female	DAY ON TEST: 452
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Lung [Inflammation TGLS = 4]		Inflammation	Subacute, Multifocal, Mild
Ovary		Atrophy Cyst	Moderate
Note: CYST TGLs = 1			
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 2,3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	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	

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Lung		Inflammation	Subacute, Multifocal, Mild
[Inflammation TGLS = 1]			
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Nitrofurantoin
 CAS Number: 67-20-9

Date Report Requested: 10/23/2014
 Time Report Requested: 14:32:03
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 40	TRT#: 2 DOSE: UNTREATD CONTROL	SEX: Female DISP: Moribund	DAY ON TEST: 728 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Esophagus	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
Stomach - Forestomach	Stomach - Glandular	Trachea	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
Gallbladder		Dilatation	Moderate
Note: DILATATION TGLs = 11			
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 10			
Lung	Mediastinum	Lymphoma Malignant Lymphocytic	
		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
Mesentery		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6			
Salivary Glands		Lymphoma Malignant Lymphocytic	
Skeletal Muscle		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3,5			
Skin		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 1,2,4,7,8			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 9			
Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40	TRT#: 2 DOSE: UNTREATD CONTROL	SEX: Female DISP: Moribund	DAY ON TEST: 728 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
Thyroid Gland		Lymphoma Malignant Lymphocytic	
Tongue		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 12		
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Mild
		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 733
DOSE: 0.25% **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Mesenteric	Mammary Gland	Nose
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Kidney	Medulla	Mineralization	Minimal
Ovary		Atrophy	Moderate
		Cyst	
Note: CYST TGLs = 1			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Ovary		Atrophy	Marked
		Cyst	
[Cyst TGLS = 1]			
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41	TRT#: 2	SEX: Female	DAY ON TEST: 687
	DOSE: UNTREATD CONTROL	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Lung [Inflammation TGLS = 7]	Inflammation	Subacute, Multifocal, Mild
Mammary Gland Note: ADENOCARC TGLs = 3	Adenocarcinoma	
Ovary [Cyst TGLS = 4]	Cyst	
Spleen [Hematopoietic Cell Proliferation TGLS = 5]	Hematopoietic Cell Proliferation	Mild
Uterus [Hyperplasia TGLS = 6]	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Marked
Lung		Congestion	Mild
		Inflammation	Subacute, Multifocal, Mild
[Congestion TGLS = 4]			
Ovary		Atrophy	Marked
		Cyst	
Note: GOOD EXAMPLE OF ATROPHY TO PHOTOGRAPH			
Note: CYST TGLs = 3			
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Skin
Trachea

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Glandular

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Salivary Glands
Thyroid Gland

OBSERVATIONS

Adrenal Gland
Kidney

Cortex, Spindle Cell
Renal Tubule

Hyperplasia
Dilatation
Nephropathy

Moderate
Moderate
Moderate

Note: DILATATION TGLs = 4

Liver
Lung

Lymphoma Malignant Mixed
Alveolar/Bronchiolar Adenoma
Inflammation

Subacute, Multifocal, Mild

Note: ALV BRON ADEN TGLs = 6

Lymph Node

Bronchial
Mandibular
Mediastinal

Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 5

Ovary
Pancreas

Atrophy
Atrophy

Marked
Moderate

Note: ATROPHY TGLs = 3

Spleen

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 2

Thymus
Uterus

Lymphoma Malignant Mixed
Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 2

SEX: Female

DAY ON TEST: 589

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Salivary Glands
Thymus

OBSERVATIONS

Liver Sinusoid
Lung
Mesentery
Ovary
 Note: ABSCESS TGLs = 4,5
Spleen
 [Hematopoietic Cell Proliferation TGLS = 6]
Uterus

 Note: HYPERPLASIA TGLs = 5
 Note: INFLAMMATION TGLs = 5

Infiltration Cellular
Inflammation
Inflammation
Abscess

Hematopoietic Cell Proliferation

Hyperplasia
Inflammation

Polymorphnuclr, Mild
Subacute, Multifocal, Mild
Suppurative, Acute, Multifocal, Moderate
Marked

Moderate

Cystic, Moderate
Suppurative, Acute, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 42 TRT#: 4 SEX: Female DAY ON TEST: 625
DOSE: 0.25% DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney		Lymphoma Malignant Histiocytic	
Liver		Lymphoma Malignant Histiocytic	
		Necrosis	Multifocal, Marked
Note: LYMPH MAL HIST TGLs = 4			
Lung	Alveolar Epith	Hyperplasia	Mild
		Lymphoma Malignant Histiocytic	
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Mild
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 42	TRT#: 6	SEX: Female	DAY ON TEST: 734
	DOSE: 0.13%	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Harderian Gland		Adenoma	
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 2

SEX: Female

DAY ON TEST: 593

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	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	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular		

MISSING

Esophagus	Gallbladder	Parathyroid Gland	Salivary Glands
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Lung		Inflammation	Subacute, Multifocal, Mild
Lymph Node	Renal	Hyperplasia	Mild
	Mandibular	Inflammation	Suppurative, Acute, Focal, Mild
Note: HYPERPLASIA TGLs = 7			
Mesentery		Inflammation	Suppurative, Acute, Multifocal, Moderate
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 3			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4]			
Urinary Bladder		Inflammation	Chronic, Mild
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Acute, Marked
Note: INFLAMMATION TGLs = 3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:03

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Skin
Thymus

MISSING

Lymph Node - Mandibular

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland
Ovary

Cortex, Spindle Cell

Hyperplasia
Adenoma
Atrophy
Hyperplasia

Mild
Tubular
Marked
Cystic, Mild

Uterus

Note: HYPERPLASIA TGLs = 2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44	TRT#: 2	SEX: Female	DAY ON TEST: 534
	DOSE: UNTREATD CONTROL	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Lung	Congestion	Moderate
[Congestion TGLS = 2]		
Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Ovary		Atrophy	Marked
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3			
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Moribund	DAY ON TEST: 575 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	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	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Rectum	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Medulla	Hyperplasia Hyperplasia	Mild Minimal
Brain		Compression Meningioma Benign Necrosis	Mild Mild
[Necrosis TGLS = 2]			
Lung		Inflammation	Subacute, Multifocal, Mild
Nose		Inflammation	Granulomatous, Marked
Ovary		Atrophy	Marked
Skin		Inflammation	Granulomatous, Focal, Marked
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:03
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45 TRT#: 2 SEX: Female DAY ON TEST: 714
DOSE: UNTREATD CONTROL DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	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

Adrenal Gland	Medulla	Hepatocellular Carcinoma	Metastatic (Liver)
	Medulla	Pheochromocytoma Malignant	
Gallbladder		Dilatation	Moderate
Note: DILATATION TGLs = 5			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 7,8			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Dead	DAY ON TEST: 649 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Ovary		Atrophy	Marked
		Neoplasm Nos	
Note: NEOPLASM IS GOOD EXAMPLE OF SERTOLI CELL TUMOR IN OVARY			
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 0.13%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Thyroid Gland

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland
Liver
 Note: LYMPH MAL MIXD TGLs = 1
Lung
 [Inflammation TGLS = 3]
Ovary
Uterus
 Note: HYPERPLASIA TGLs = 2

Cortex, Spindle Cell

Hyperplasia
Lymphoma Malignant Mixed
Inflammation
Atrophy
Hyperplasia

Mild
Subacute, Multifocal, Mild
Marked
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 2

SEX: Female

DAY ON TEST: 475

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Lung		Inflammation	Subacute, Multifocal, Mild
Lymph Node	Mesenteric	Hyperplasia	Marked
	Renal	Hyperplasia	Moderate
	Deep Cervical	Inflammation	Suppurative, Acute, Focal, Moderate
Note: HYPERPLASIA TGLs = 3			
Note: HYPERPLASIA TGLs = 8			
Mesentery		Inflammation	Suppurative, Acute, Multifocal, Moderate
Ovary		Abscess	Marked
		Cyst	
Note: CYST TGLs = 5			
Note: ABSCESS TGLs = 6			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 7			
Uterus		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Acute, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 4

DOSE: 0.25%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Small - Duodenum

OBSERVATIONS

Adrenal Gland	Cortex Cortex, Spindle Cell	Accessory Adrenal Cortical Nodule Hyperplasia	Marked
Liver	[Hepatocellular Adenoma TGLS = 3]	Hepatocellular Adenoma	
Lymph Node	Mandibular Mesenteric	Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic	
Ovary		Atrophy Cyst Hemorrhage Lymphoma Malignant Lymphocytic Mineralization	Marked Moderate Mild
Spleen		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 0.25%

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Ovary		Atrophy	Marked
		Cyst	
Note: CYST TGLs = 3			
Thyroid Gland	Follicular Cel	Adenoma	
Note: ADENOMA TGLs = 5			
Uterus		Hyperplasia	Cystic, Moderate
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 4			
Note: HYPERPLASIA TGLs = 4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 2

SEX: Female

DAY ON TEST: 524

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Moderate
Lymph Node	Renal	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 3			
Mesentery		Inflammation	Suppurative, Acute, Multifocal, Moderate
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 1			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2]			
Stomach	Forestomach	Hyperkeratosis	Mild
	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Suppurative, Acute, Focal, Mild
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Acute, Marked
Note: INFLAMMATION TGLs = 1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Kidney	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Ovary		Atrophy	Marked
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2]			
Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 6

SEX: Female

DAY ON TEST: 469

DOSE: 0.13%

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Skin
Thymus

MISSING

Pituitary Gland

OBSERVATIONS

Brain

Lung
Note: INFLAMMATION TGLs = 3

Ovary
Uterus
Note: HYPERPLASIA TGLs = 2

Hydrocephalus
Inflammation
Inflammation

Atrophy
Hyperplasia

Mild
Suppurative, Acute, Multifocal, Marked
Subacute, Multifocal, Mild

Marked
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Spleen

OBSERVATIONS

Lung	Inflammation	Subacute, Multifocal, Minimal
Thymus	Lymphoma Malignant Lymphocytic	
Uterus	Hyperplasia	Cystic, Marked
	Polyp Stromal	

Note: HYPERPLASIA TGLs = 1,2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 4

DOSE: 0.25%

SEX: Female

DISP: Moribund

DAY ON TEST: 729

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex Cortex, Spindle Cell	Adenoma Hyperplasia	Minimal
Kidney		Metaplasia	Osseous, Focal, Moderate
Lung		Inflammation	Subacute, Multifocal, Mild
Note: INFLAMMATION TGLs = 6,7			
Mammary Gland	Duct	Adenoacanthoma Cyst	
Note: ADENOACANTHOMA TGLs = 3 [Cyst TGLS = 1]			
Ovary		Atrophy Granulosa Cell Tumor Malignant	Marked
Note: GRANLSA TM MAL TGLs = 4 Note: EXAMPLE OF GRANLSA TM MAL			
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis	Moderate
Note: ADENOMA TGLs = 8 [Adenoma TGLS = 8]			
Uterus		Hyperplasia Sarcoma Stromal	Cystic, Moderate
Note: HYPERPLASIA TGLs = 5			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Moribund	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma Stromal TGLS = 2]

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Gallbladder	Lymph Node - Mesenteric	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3]			
Mesentery	Fat	Necrosis	Focal, Mild
[Necrosis TGLS = 2]			
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 2

SEX: Female

DAY ON TEST: 444

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney	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		

AUTO PRECLUDES DIAG.

Islets, Pancreatic	Pancreas
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OBSERVATIONS

Liver	Sinusoid	Infiltration Cellular	Polymorphnuclr, Mild
Lymph Node	Deep Cervical	Inflammation	Suppurative, Acute, Focal, Moderate
Mesentery		Inflammation	Suppurative, Acute, Multifocal, Moderate
Note: INFLAMMATION TGLs = 6			
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 5			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4			
Uterus		Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Acute, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 49	TRT#: 4 DOSE: 0.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Kidney	Medulla	Mineralization	Minimal
Ovary		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 49	TRT#: 6 DOSE: 0.13%	SEX: Female DISP: Moribund	DAY ON TEST: 694 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Ovary		Atrophy	Marked
Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4]			
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrofurantoin
CAS Number: 67-20-9

Date Report Requested: 10/23/2014
Time Report Requested: 14:32:04
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATD CONTROL	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 3,5]			
Ovary		Cyst	
[Cyst TGLS = 1]			
Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Nitrofurantoin
 CAS Number: 67-20-9

Date Report Requested: 10/23/2014
 Time Report Requested: 14:32:04
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 50

TRT#: 4
DOSE: 0.25%

SEX: Female
DISP: Moribund

DAY ON TEST: 708
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Kidney	Mammary Gland	Nose
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Liver		Necrosis	Multifocal, Moderate
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 2]		
Ovary		Atrophy	Marked
		Cyst	
		Cystadenoma	
		Lymphoma Malignant Lymphocytic	
Note: CYST	TGLs = 3		
Pancreas		Atrophy	Marked
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 4		
Thymus		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05051-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofurantoin

CAS Number: 67-20-9

Date Report Requested: 10/23/2014

Time Report Requested: 14:32:04

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 6

SEX: Female

DAY ON TEST: 609

DOSE: 0.13%

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Salivary Glands
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Skin
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Pituitary Gland
Stomach - Glandular

MISSING

Adrenal Gland - Medulla

OBSERVATIONS

Kidney
Liver
Lung
 Note: HEMORRHAGE TGLs = 5
Lymph Node
 Note: LYMPH MAL HIST TGLs = 4
Ovary

Spleen
Urinary Bladder
Uterus

Cortex

Mesenteric

Infarct
Lymphoma Malignant Histiocytic
Hemorrhage

Lymphoma Malignant Histiocytic

Atrophy
Cyst
Lymphoma Malignant Histiocytic
Inflammation
Hyperplasia

Mild

Focal, Mild

Mild

Chronic, Mild
Cystic, Moderate

PRIMARY CAUSE OF DEATH

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** END OF REPORT **

* PROTOCOL REQUIRED TISSUE