

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

C Number:	C60026
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	01/19/1989

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 1 DOSE: VEHICLE 72VM	SEX: Male DISP: Moribund	DAY ON TEST: 602 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	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Kidney		Inflammation	Chronic, Mild
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-2.1]			
Salivary Glands		Inflammation	Chronic, Minimal
Skin	Dermis, Subcut Tiss	Fibrosis	Marked
Note: FIBROSIS	TGLs = 2-9		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1 DOSE: VEHICLE 72VM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 3-9			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-2]			
Salivary Glands		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Inflammation	Acute, Mild
Note: INFLAMMATION TGLs = 2-3			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 328
DOSE: VEHICLE 72VM **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
Liver	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea			

MISSING

Mammary Gland Thymus

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Mineralization	Moderate
	Papilla	Necrosis	Marked
Note: MINERALIZATION TGLs = 5			
Lung		Congestion	Mild
[Congestion TGLS = 1]			
Prostate		Inflammation	Suppurative, Marked
Seminal Vesicle		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 3			
Thyroid Gland	Follicle	Hyperplasia	Mild
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 537
	DOSE: VEHICLE 72VM	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mesenteric	Pancreas	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Nose	Parathyroid Gland	Thymus
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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

Prostate	Inflammation	Suppurative, Mild
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 483
	DOSE: VEHICLE 72VM	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
Liver	Lung	Lymph Node - Mesenteric	Nose
Pancreas	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
Skin	Prepuce	Hyperkeratosis	Moderate

[Hyperkeratosis TGLS = 1]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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 - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Lung	Alveolar Epith	Hyperplasia	Moderate
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Squamous Cell Papilloma	

Note: PAPILLOMA SQUA TGLs = 2-3

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Diaminophenol dihydrochloride

CAS Number: 137-09-7

Date Report Requested: 10/23/2014

Time Report Requested: 05:15:02

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE 72VM

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

Lung

Lymph Node - Mesenteric

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Seminal Vesicle

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney

Inflammation

Chronic, Minimal

Renal Tubule

Regeneration

Minimal

Liver

Hepatocellular Adenoma

[Hepatocellular Adenoma TGLS = 3-2]

Salivary Glands

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland	Skin
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Moderate
	Renal Tubule	Regeneration	Minimal
Note: INFLAMMATION TGLs = 3-3			
Lung		Hemorrhage	Moderate
	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 2-1]			
Salivary Glands		Inflammation	Chronic, Mild
Thymus		Thymoma Benign	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 1 DOSE: VEHICLE 72VM	SEX: Male DISP: Dead	DAY ON TEST: 543 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 - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Small - Ileum
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OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Liver	Hemangiosarcoma	Metastatic (Uncertain Primary Site)
Note: [HEMANGIOSARC] TGLs = 2-2		
Skin	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-2]		

PRIMARY CAUSE OF DEATH -

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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 - Mesenteric	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Pancreas	Acinus	Atrophy	Mild
Salivary Glands		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Lymph Node	Mesenteric	Congestion	Moderate
Note: CONGESTION	TGLs = 1-5		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE 72VM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Pituitary Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 2-9			
Kidney	Renal Tubule	Inflammation	Chronic, Mild
		Regeneration	Minimal
Pancreas		Inflammation	Chronic, Mild
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-3]			

PRIMARY CAUSE OF DEATH

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Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14	TRT#: 1	SEX: Male	DAY ON TEST: 669
	DOSE: VEHICLE 72VM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Nose
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-9			
Harderian Gland		Carcinoma	
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Lung		Carcinoma	Metastatic (Harderian Gland)

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 670

DOSE: VEHICLE 72VM

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 - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Osteosarcoma	Metastatic (Uncertain Primary Site)
Note: [OSTEOSARC] TGLs = 3			
Liver		Fatty Change	Marked
		Hepatocellular Adenoma	
		Necrosis	Mild
Salivary Glands		Inflammation	Chronic, Mild
Skin		Fibrosarcoma	Multiple
Note: TISSUE NOS IS HINDLIMB FIBROSARCOMA			
Note: FIBROSARC TGLs = 4-9			
Spleen		Hematopoietic Cell Proliferation	Marked
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 147

DOSE: VEHICLE 72VM

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	Lung	Lymph Node - Mesenteric	Mesentery
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Mammary Gland

OBSERVATIONS

Liver		Necrosis	Minimal
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Marked
Note: HYPERPLASIA TGLs = 8-6			
Prostate		Inflammation	Suppurative, Marked
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 6-4			
Thymus		Necrosis	Mild
Urethra	Lumen, Mucosa	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 4-5			
Urinary Bladder	Serosa	Inflammation	Acute, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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
Lung	Lymph Node - Mesenteric	Nose	Pancreas
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
Mesentery	Fat	Necrosis	Focal, Marked
Note: NECROSIS TGLs = 3-5			
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hemangiosarcoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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
Lung	Nose	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Mild
Liver		Fatty Change	Mild
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hemangiosarcoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19	TRT#: 1 DOSE: VEHICLE 72VM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 739 HISTO:
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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	Liver
Lung	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Esophagus	Mammary Gland	Parathyroid Gland	Thymus
Thyroid Gland			

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Salivary Glands		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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
Lung	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
Salivary Glands		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22	TRT#: 1	SEX: Male	DAY ON TEST: 719
	DOSE: VEHICLE 72VM	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
Liver	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Skin	Subcut Tiss	Sarcoma	Poorly Diffr
Note: SARCOMA TGLs = 1-9			
Note: TISSUE NOS IS A SUBCUT SARCOMA			
Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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
Lung	Nose	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Congestion	Moderate
Note: CONGESTION TGLs = 2-5			
Salivary Glands		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

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Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 1	SEX: Male	DAY ON TEST: 739
	DOSE: VEHICLE 72VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mesenteric	Mammary Gland	Nose	Pituitary Gland
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OBSERVATIONS

Bone Note: HYPEROSTOSIS TGLs = 2-9	Joint, Tarsal	Hyperostosis	
Harderian Gland Note: ADENOMA TGLs = 4-7		Adenoma	
Kidney	Renal Tubule	Inflammation	Chronic, Mild
	Follicular Cel	Regeneration	Minimal
Thyroid Gland		Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE 72VM

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
Nose	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
Liver		Necrosis	Marked
Note: NECROSIS TGLs = 5-2			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: [ALV BRON CARC] TGLs = 2-1			
Lymph Node	Mesenteric	Congestion	Marked
Note: CONGESTION TGLs = 3-5			
Pancreas	Acinus	Atrophy	Mild
Salivary Glands		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27	TRT#: 1	SEX: Male	DAY ON TEST: 214
	DOSE: VEHICLE 72VM	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	Lung	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

MISSING

Mammary Gland	Pituitary Gland	Urinary Bladder
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OBSERVATIONS

Lymph Node Note: HYPERPLASIA TGLs = 8-11	Lumbar	Hyperplasia	Plasma Cell, Moderate
Prostate		Inflammation	Chronic, Moderate
Skin	Prepuce	Inflammation	Suppurative, Marked
Testes	Interstit Tiss	Inflammation	Suppurative, Moderate
		Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE 72VM

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder	Mammary Gland	Nose	Pituitary Gland
Thymus			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Kidney	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-2.1]			
Salivary Glands		Inflammation	Chronic, Minimal
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Inflammation	Chronic, Moderate
Note: ACANTHOSIS TGLs = 3-3			
Testes	Seminif Tub	Mineralization	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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	Nose	Pancreas
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Congestion	Moderate
Note: CONGESTION	TGLs = 4-5		
Salivary Glands		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 483
	DOSE: VEHICLE 72VM	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	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3			
Urinary Bladder	Submucosa	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 621

DOSE: VEHICLE 72VM

DISP: Moribund

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 Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Rectum	Mammary Gland	Thymus
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OBSERVATIONS

Gallbladder		Lymphoma Malignant Undifferentiated Cell Type
Kidney		Lymphoma Malignant Undifferentiated Cell Type
Note: LYMPH MAL UNDF	TGLs = 8-3,9-3,10-3	
Liver		Hepatocellular Carcinoma
		Lymphoma Malignant Undifferentiated Cell Type
Note: HEPATOCLR CARC	TGLs = 16-2.1	
Note: LYMPH MAL UNDF	TGLs = 13-2,13-2.1	
Lung		Lymphoma Malignant Undifferentiated Cell Type
Lymph Node	Axillary	Lymphoma Malignant Undifferentiated Cell Type
	Lumbar	Lymphoma Malignant Undifferentiated Cell Type
	Mandibular	Lymphoma Malignant Undifferentiated Cell Type
	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type
	Renal	Lymphoma Malignant Undifferentiated Cell Type
Note: LYMPH MAL UNDF	TGLs = 5-5.1	
Note: LYMPH MAL UNDF	TGLs = 14-2.1	
Note: LYMPH MAL UNDF	TGLs = 6-3.1	
Note: LYMPH MAL UNDF	TGLs = 3-5	
Note: LYMPH MAL UNDF	TGLs = 4-5	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 7-9]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32	TRT#: 1	SEX: Male	DAY ON TEST: 621
	DOSE: VEHICLE 72VM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Lymphoma Malignant Undifferentiated Cell Type	
Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
Preputial Gland	Duct	Ectasia	Marked
Note: ECTASIA	TGLs = 2-10		
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 11-3.1		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE 72VM

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
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
	Cortex	Hypertrophy	Mild
Note: CYST	TGLs = 4-7		
Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS	TGLs = 3-9		
Kidney	Renal Tubule	Inflammation	Chronic, Mild
		Regeneration	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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 - Mesenteric	Nose
Pancreas	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Mild
	Renal Tubule	Regeneration	Minimal
Salivary Glands		Inflammation	Chronic, Minimal
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35	TRT#: 1 DOSE: VEHICLE 72VM	SEX: Male DISP: Moribund	DAY ON TEST: 469 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 - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Thymus	
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OBSERVATIONS

Intestine Small Note: [LYMPH MAL MIXD] TGLs = 4	Ileum	Lymphoma Malignant Mixed	
Kidney	Renal Tubule	Lymphoma Malignant Mixed Regeneration	Minimal
Liver Note: HEPATOCLR CARC TGLs = 9		Hepatocellular Carcinoma	
Lymph Node Note: [LYMPH MAL MIXD] TGLs = 8 Note: [LYMPH MAL MIXD] TGLs = 7 Note: [LYMPH MAL MIXD] TGLs = 3	Mediastinal Mesenteric Renal	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Salivary Glands		Inflammation	Chronic, Mild
Spleen Note: [LYMPH MAL MIXD] TGLs = 5		Lymphoma Malignant Mixed	
Stomach Note: [ACANTHOSIS] TGLs = 10	Forestomach	Acanthosis	Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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 - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Nose
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OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-2]			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-1]			
Salivary Glands		Inflammation	Chronic, Minimal
Skin		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 2-6			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37	TRT#: 1	SEX: Male	DAY ON TEST: 739
	DOSE: VEHICLE 72VM	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
Lung	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
Salivary Glands		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38	TRT#: 1	SEX: Male	DAY ON TEST: 607
	DOSE: VEHICLE 72VM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Lymphoma Malignant Lymphocytic	
Epididymis		Inflammation	Chronic, Mild
Kidney		Inflammation	Chronic, Minimal
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 9-2			
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-5			
Salivary Glands		Inflammation	Chronic, Minimal
Skin		Fibrosarcoma	
Note: FIBROSARC TGLs = 2-9			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 1	SEX: Male	DAY ON TEST: 739
	DOSE: VEHICLE 72VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Bone Marrow	Mammary Gland
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OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-5			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41

TRT#: 1
DOSE: VEHICLE 72VM

SEX: Male
DISP: Dead

DAY ON TEST: 563
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Islets, Pancreatic	Kidney	Lung
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland Nose

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Intestine Small	Duodenum	Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
		Necrosis	Marked
Note: NECROSIS TGLs = 4-2			
Note: [HISTIO SARC] TGLs = 4-2			
Lymph Node	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Preputial Gland	Duct	Ectasia	Marked
Note: ECTASIA TGLs = 1			
Spleen		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43	TRT#: 1	SEX: Male	DAY ON TEST: 685
	DOSE: VEHICLE 72VM	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	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 3-5		
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 2-3.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 204

DOSE: VEHICLE 72VM

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	Lung	Pancreas	Pituitary Gland
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Esophagus	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Thymus		

OBSERVATIONS

Penis		Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 1-11		
Prostate		Inflammation	Acute, Marked
Salivary Glands		Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 3-11		
Skin	Prepuce	Inflammation	Suppurative, Marked
	Prepuce	Necrosis	Focal, Marked
Urinary Bladder	Mucosa	Inflammation	Acute, Moderate
	Mucosa	Necrosis	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45	TRT#: 1	SEX: Male	DAY ON TEST: 157
	DOSE: VEHICLE 72VM	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Islets, Pancreatic	Liver	Lung	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Intestine Large - Rectum	Lymph Node - Mesenteric	Mammary Gland	Seminal Vesicle
Thymus			

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Urinary Bladder	

OBSERVATIONS

Kidney	Cortex	Inflammation	Suppurative, Moderate
Nose	Nasolacrim Dct	Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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 - Mesenteric	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Mammary Gland	Pituitary Gland	Thymus	Urinary Bladder
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47	TRT#: 1	SEX: Male	DAY ON TEST: 113
	DOSE: VEHICLE 72VM	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 - Rectum	Islets, Pancreatic	Liver
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Mammary Gland	Thymus		

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Moderate
Lung		Congestion	Marked
Note: CONGESTION	TGLs = 1-1		
Prostate		Inflammation	Suppurative, Mild
Skin		Inflammation	Chronic, Mild
Urinary Bladder	Submucosa	Hemorrhage	Marked
Note: HEMORRHAGE	TGLs = 2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Pancreas	Parathyroid Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 2-9			
Kidney	Renal Tubule	Regeneration	Minimal
Lymph Node	Mesenteric	Congestion	Marked
Note: CONGESTION TGLs = 3-5			
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 4-7			
Salivary Glands		Inflammation	Chronic, Minimal
Stomach	Forestomach	Acanthosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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
Lung	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Angiectasis	Moderate
Spleen		Angiectasis	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 2-9			
Kidney	Renal Tubule	Inflammation	Chronic, Mild
		Regeneration	Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-2]			
Salivary Glands		Inflammation	Chronic, Mild
Testes	Seminif Tub	Degeneration	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 51	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
Lymph Node	Mesenteric	Congestion	Marked
Note: CONGESTION TGLs = 3-5			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Diaminophenol dihydrochloride

CAS Number: 137-09-7

Date Report Requested: 10/23/2014

Time Report Requested: 05:15:02

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 54

TRT#: 1

SEX: Male

DAY ON TEST: 739

DOSE: VEHICLE 72VM

DISP: Terminal Sacrifice

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	Liver	Lung
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Mammary Gland	Nose
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
Stomach	Forestomach	Squamous Cell Papilloma	

[Squamous Cell Papilloma TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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 - Mesenteric	Nose
Parathyroid Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Pancreas		Inflammation	Chronic, Mild
Salivary Glands		Inflammation	Chronic, Minimal
Testes	Seminif Tub	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 58	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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 - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE 72VM	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 - Mesenteric	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Nose	Mucosa	Inflammation	Suppurative, Moderate
Tooth	Peridont Tiss	Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60	TRT#: 1	SEX: Male	DAY ON TEST: 630
	DOSE: VEHICLE 72VM	DISP: Moribund	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	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Gallbladder	Lymph Node - Mesenteric	Mammary Gland	Thymus
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OBSERVATIONS

Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
		Nephropathy	Moderate
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 5-2,6-2.1		
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC	TGLs = 2-1		
Nose	Nasolacrim Dct	Inflammation	Chronic, Mild
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 61	TRT#: 2	SEX: Male	DAY ON TEST: 735
	DOSE: .019 G/KG 72LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 4-2]			
Lymph Node	Mesenteric	Congestion	Mild
Note: CONGESTION	TGLs = 3-5		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62	TRT#: 2	SEX: Male	DAY ON TEST: 735
	DOSE: .019 G/KG 72LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Stomach - Glandular

OBSERVATIONS

Eye		Cataract	Moderate
Note: CATARACT	TGLs = 3-9		
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Inflammation	Chronic, Mild
		Regeneration	Minimal
Liver		Hepatocellular Adenoma	
		Inflammation	Chronic, Mild
	Kupffer Cell	Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 4-2,4-2.1]			
Stomach	Forestomach	Acanthosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 63

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Mild

Kidney

Renal Tubule

Regeneration

Minimal

Liver

Kupffer Cell

Hepatocellular Adenoma

Pigmentation

Minimal

[Hepatocellular Adenoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 64	TRT#: 2	SEX: Male	DAY ON TEST: 735
	DOSE: .019 G/KG 72LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	Skin
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Regeneration	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	

[Alveolar/Bronchiolar Carcinoma TGLS = 3-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 65

TRT#: 2

SEX: Male

DAY ON TEST: 719

DOSE: .019 G/KG 72LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Stomach - Glandular

OBSERVATIONS

Harderian Gland

Carcinoma

Note: [CARCINOMA] TGLs = 5-9

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Renal Tubule

Regeneration

Mild

Liver

Carcinoma

Metastatic (Harderian Gland)

Kupffer Cell

Pigmentation

Minimal

Note: CARCINOMA TGLs = 4-2

Lung

Carcinoma

Metastatic (Harderian Gland)

Note: CARCINOMA TGLs = 3-1

Lymph Node

Mandibular

Carcinoma

Metastatic (Harderian Gland)

Note: CARCINOMA TGLs = 1-5

Preputial Gland

Inflammation

Chronic, Moderate

Stomach

Forestomach

Acanthosis

Marked

Note: ACANTHOSIS TGLs = 6-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66	TRT#: 2	SEX: Male	DAY ON TEST: 602
	DOSE: .019 G/KG 72LM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Large - Rectum

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-9			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Nose	Nasolacrim Dct	Inflammation	Chronic, Mild
Salivary Glands		Inflammation	Chronic, Mild
Skin	Dermis	Fibrosis	Marked
		Parakeratosis	Multifocal, Mild
Note: PARAKERATOSIS TGLs = 3-10			
Note: FIBROSIS TGLs = 2-10			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67	TRT#: 2	SEX: Male	DAY ON TEST: 518
	DOSE: .019 G/KG 72LM	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Epididymis	Intestine Large - Cecum	Lymph Node - Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Thymus	

AUTO PRECLUDES DIAG.

Intestine Small - Ileum

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 3			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Calculus Micro Observation Only	Mild
Liver	Kupffer Cell	Pigmentation	Minimal
Penis		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 4			
Prostate		Inflammation	Suppurative, Moderate
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68	TRT#: 2	SEX: Male	DAY ON TEST: 617
	DOSE: .019 G/KG 72LM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 5-9			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Preputial Gland		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 3-10			
Salivary Glands		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 69	TRT#: 2	SEX: Male	DAY ON TEST: 571
	DOSE: .019 G/KG 72LM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Ileum

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-9			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver		Angiectasis	Marked
		Hemangioma	
		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Minimal
[Angiectasis TGLS = 2-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 70

TRT#: 2

SEX: Male

DAY ON TEST: 102

DOSE: .019 G/KG 72LM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Pelvis	Inflammation	Acute, Mild
Liver	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Moderate
Note: SLIDE 12 IS GLANDULAR TISSUE, NOT L.N.			
Note: HYPERPLASIA TGLs = 7-3			
Penis		Necrosis	Marked
Note: NECROSIS TGLs = 1-11			
Prostate		Inflammation	Suppurative, Marked
Skin	Prepuce	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Marked
Urinary Bladder	Mucosa	Inflammation	Subacute, Marked
	Mucosa	Necrosis	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 71	TRT#: 2	SEX: Male	DAY ON TEST: 624
	DOSE: .019 G/KG 72LM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Esophagus	Mammary Gland
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OBSERVATIONS

Bone		Hyperostosis	
Note: HYPEROSTOSIS TGLs = 2-10			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Inflammation	Chronic, Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Salivary Glands		Inflammation	Chronic, Minimal
Skin		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 1-9			
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Duodenum, Lamina Propria

Renal Tubule

Renal Tubule

Renal Tubule

Liver

Kupffer Cell

[Hepatocellular Adenoma TGLS = 1-2.1]

Lung

[Alveolar/Bronchiolar Adenoma TGLS = 2-1.1]

Pigmentation

Dilatation

Pigmentation

Regeneration

Hepatocellular Adenoma

Pigmentation

Alveolar/Bronchiolar Adenoma

Minimal

Minimal

Minimal

Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver

Duodenum, Lamina Propria
Renal Tubule

Pigmentation
Regeneration
Hepatocellular Adenoma
Pigmentation

Minimal
Minimal
Minimal

Note: [HEPATOCLR ADEN] TGLs = 3-5.1

Lymph Node

Mesenteric
Mediastinal

Congestion
Hyperplasia

Mild
Lymphoid, Marked

[Congestion TGLS = 5-5]

[Hyperplasia TGLS = 4-5]

Spleen

[Hyperplasia TGLS = 2-3]

Hyperplasia

Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 74

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS	TGLs = 3-9		
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Mesenteric	Congestion	Moderate
	Mesenteric	Pigmentation	Minimal
[Congestion TGLS = 4-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 77

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Duodenum, Lamina Propria

Pigmentation

Minimal

Liver
Lymph Node

Renal Tubule

Inflammation

Chronic, Minimal

Kupffer Cell

Regeneration

Mild

Mesenteric

Pigmentation

Minimal

Congestion

Mild

Note: CONGESTION TGLs = 2

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 78

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum, Peyers Patch
Duodenum, Lamina Propria

Hyperplasia
Pigmentation

Neutrophil, Moderate
Minimal

Note: HYPERPLASIA TGLs = 3-6

Kidney

Renal Tubule

Necrosis
Regeneration

Minimal
Minimal

Liver

Kupffer Cell

Inflammation

Chronic, Mild

Lymph Node

Mesenteric

Pigmentation

Minimal

Hematopoietic Cell Proliferation

Marked

Note: HEMA CELL PROL TGLs = 2-5

Spleen

Hematopoietic Cell Proliferation

Marked

Note: HEMA CELL PROL TGLs = 1-3

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05043-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Diaminophenol dihydrochloride

CAS Number: 137-09-7

Date Report Requested: 10/23/2014

Time Report Requested: 05:15:02

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 79

TRT#: 2

SEX: Male

DAY ON TEST: 98

DOSE: .019 G/KG 72LM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Ileum
Liver
Pituitary Gland
Skin
Testes

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Prostate
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Forestomach
Trachea

Bone Marrow
Gallbladder
Intestine Large - Rectum
Kidney
Pancreas
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

MISSING

Mammary Gland

Parathyroid Gland

Thymus

OBSERVATIONS

Intestine Small
Lung

Duodenum, Lamina Propria

Pigmentation
Congestion

Minimal
Moderate

Note: CONGESTION TGLs = 4-1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone [Hyperostosis TGLS = 1-9]	Joint, Tarsal	Hyperostosis	
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Necrosis	Mild
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Minimal
[Hepatocellular Carcinoma TGLS = 3-2,2-2.1]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Seminal Vesicle

Stomach - Glandular

OBSERVATIONS

Epididymis		Inflammation	Granulomatous, Focal, Moderate
[Inflammation TGLS = 6-4.1]			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Mild
		Necrosis	Minimal
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Mesenteric	Congestion	Marked
[Congestion TGLS = 8-5]			
Mesentery		Necrosis	Multifocal, Marked
[Necrosis TGLS = 4-5.1,5-5.1]			
Skin		Fibrosarcoma	
Note: FIBROSARC TGLs = 2-9,3-9			
Stomach	Forestomach	Acanthosis	Marked
Note: ACANTHOSIS TGLs = 10-3.1			
Testes	Seminif Tub	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 83	TRT#: 2	SEX: Male	DAY ON TEST: 233
	DOSE: .019 G/KG 72LM	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 - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Lymph Node - Mesenteric	Pancreas	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Nose	Parathyroid Gland	Thymus
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Preputial Gland		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1			
Prostate		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 84	TRT#: 2	SEX: Male	DAY ON TEST: 590
	DOSE: .019 G/KG 72LM	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Nose

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Lymphoma Malignant Mixed	
		Necrosis	Minimal
Liver	Kupffer Cell	Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-2.1]	Pigmentation	Minimal
Lymph Node	Mesenteric	Congestion	Marked
Salivary Glands		Inflammation	Chronic, Moderate
Spleen		Lymphoma Malignant Mixed	
Stomach	Forestomach	Acanthosis	Mild

Note: ACANTHOSIS TGLs = 4-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 85

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Duodenum, Lamina Propria

Pigmentation
Necrosis

Minimal
Minimal

Liver
Lung

Renal Tubule
Kupffer Cell

Pigmentation
Pigmentation
Alveolar/Bronchiolar Carcinoma

Minimal
Minimal
Multiple

Note: ALV BRON CARC TGLs = 2-1
Note: ALV BRON CARC TGLs = 4-1.1

Lymph Node
[Congestion TGLS = 3-5]

Mesenteric

Congestion

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86	TRT#: 2 DOSE: .019 G/KG 72LM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Seminal Vesicle	Skin	Stomach - Glandular	
OBSERVATIONS			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Inflammation	Chronic, Marked
		Necrosis	Moderate
	Renal Tubule	Regeneration	Mild
[Inflammation TGLS = 5-3]			
Liver		Hepatocellular Carcinoma	Multiple
	Kupffer Cell	Pigmentation	Minimal
Note: HEPATOCLR CARC TGLs = 3-2,4-2.1			
Lymph Node	Mesenteric	Congestion	Marked
[Congestion TGLS = 2-5]			
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Ulcer	Moderate
Note: ACANTHOSIS TGLs = 7-3.1			
[Ulcer TGLS = 7-3.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 87

TRT#: 2

SEX: Male

DAY ON TEST: 734

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Renal Tubule

Regeneration

Minimal

Liver

Kupffer Cell

Pigmentation

Minimal

Lymph Node

Mesenteric

Congestion

Moderate

[Congestion TGLS = 2-5]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 88

TRT#: 2

SEX: Male

DAY ON TEST: 734

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone
Note: HYPEROSTOSIS TGLs = 2-9

Joint, Tarsal

Hyperostosis

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Renal Tubule

Dilatation

Minimal

Renal Tubule

Pigmentation

Minimal

Renal Tubule

Regeneration

Minimal

Liver

Kupffer Cell

Pigmentation

Minimal

Lymph Node

Mesenteric

Congestion

Mild

Mesenteric

Pigmentation

Minimal

[Congestion TGLS = 3-5]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89	TRT#: 2	SEX: Male	DAY ON TEST: 735
	DOSE: .019 G/KG 72LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Pancreatic	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 90	TRT#: 2	SEX: Male	DAY ON TEST: 734
	DOSE: .019 G/KG 72LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Seminal Vesicle

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Inflammation	Chronic, Marked
		Necrosis	Moderate
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Moderate
[Inflammation TGLS = 5-3,6-3]			
Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Minimal
[Hepatocellular Carcinoma TGLS = 4-2.1]			
Lymph Node	Mesenteric	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 91	TRT#: 2	SEX: Male	DAY ON TEST: 570
	DOSE: .019 G/KG 72LM	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	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	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Nose

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 8-9			
Bone Marrow		Hemangiosarcoma	Metastatic (Uncertain Primary Site)
Kidney		Inflammation	Chronic, Mild
Liver	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Mesenteric	Congestion	Moderate
Note: CONGESTION TGLs = 9-5			
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 4-3,5-3,6-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 95	TRT#: 2	SEX: Male	DAY ON TEST: 617
	DOSE: .019 G/KG 72LM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-9			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Lymph Node	Mesenteric	Congestion	Moderate
Note: CONGESTION TGLs = 3-5			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 96	TRT#: 2	SEX: Male	DAY ON TEST: 721
	DOSE: .019 G/KG 72LM	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	Seminal Vesicle
-------	-----------------

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Minimal
Lymph Node	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 4-5.1]			
Penis		Inflammation	Chronic Active, Mild
Note: INFLAMMATION	TGLs = 2-9		
Spleen		Lymphoma Malignant Undifferentiated Cell Type	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 97

TRT#: 2

SEX: Male

DAY ON TEST: 613

DOSE: .019 G/KG 72LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Parathyroid Gland
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	
	Kupffer Cell	Hepatocellular Carcinoma	
		Pigmentation	Minimal
	[Hepatocellular Adenoma TGLS = 6-2]		
	[Hepatocellular Carcinoma TGLS = 7-2.1]		
Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-1]		
Preputial Gland		Inflammation	Suppurative, Moderate
Note: INFLAMMATION	TGLs = 1-9		
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Cyst	
Note: CYST	TGLs = 5-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 2-9,3-9			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Mesenteric	Congestion	Marked
[Congestion TGLS = 4-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99	TRT#: 2	SEX: Male	DAY ON TEST: 735
	DOSE: .019 G/KG 72LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocellular Adenoma	Pigmentation	Minimal
	Kupffer Cell		
Note: [HEPATOCLR ADEN] TGLs = 3-2.1			
Lymph Node	Mesenteric	Congestion	Moderate
Note: CONGESTION TGLs = 4-5			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100

TRT#: 2

SEX: Male

DAY ON TEST: 483

DOSE: .019 G/KG 72LM

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
		Necrosis	Minimal
	Renal Tubule	Regeneration	Moderate
Liver		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 6,7			
Lymph Node	Mesenteric	Pigmentation	Minimal
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Moderate
Note: [ACANTHOSIS] TGLs = 8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 101

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Liver

Kupffer Cell

Pigmentation

Minimal

Stomach

Forestomach

Acanthosis

Mild

Forestomach

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102

TRT#: 2
DOSE: .019 G/KG 72LM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO:

OBSERVATIONS

Bone
Note: HYPEROSTOSIS TGLs = 2-9

Joint, Tarsal

Hyperostosis

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Renal Tubule

Regeneration

Minimal

Liver

Kupffer Cell

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 103

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 3-9			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Regeneration	Mild
Lymph Node	Mesenteric	Congestion	Mild
[Congestion TGLS = 4-5]			
Skin	Dermis	Inflammation	Chronic, Mild
[Inflammation TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocellular Adenoma	Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 3-2]			
Lymph Node	Mesenteric	Congestion	Marked
[Congestion TGLS = 2-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 105

TRT#: 2

SEX: Male

DAY ON TEST: 607

DOSE: .019 G/KG 72LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Parathyroid Gland	

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Minimal
Note: HEPATOCLR CARC TGLs = 7-9			
Lung	Perivascular	Inflammation	Chronic, Moderate
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
Pancreas		Inflammation	Chronic, Mild
Skin	Subcut Tiss	Inflammation	Granulomatous, Marked
		Ulcer	Multiple, Moderate
Note: ULCER TGLs = 3-3			
Note: ULCER TGLs = 4-10			
Note: INFLAMMATION TGLs = 4-10			
Spleen		Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 106	TRT#: 2	SEX: Male	DAY ON TEST: 736
	DOSE: .019 G/KG 72LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin	Stomach - Glandular
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Regeneration	Minimal
Liver		Cyst	
		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Minimal
[Cyst TGLS = 3-2]			
Lymph Node	Mesenteric	Congestion	Moderate
Note: CONGESTION TGLs = 5-5			
Preputial Gland	Duct	Ectasia	Marked
Note: ECTASIA TGLs = 2-9			
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Ulcer	Moderate
Note: ULCER TGLs = 4-3			
Note: ACANTHOSIS TGLs = 4-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 107

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Duodenum, Lamina Propria
Renal Tubule

Pigmentation
Dilatation
Necrosis

Mild
Minimal
Minimal

Renal Tubule
Renal Tubule

Pigmentation
Regeneration

Minimal
Mild

Liver
Lymph Node

Kupffer Cell
Mesenteric

Pigmentation
Congestion

Minimal
Mild

[Congestion TGLS = 3-5]

Mesentery
Note: NECROSIS TGLs = 2-7

Fat

Necrosis

Focal, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Inflammation

Chronic, Minimal

Necrosis

Minimal

Renal Tubule

Regeneration

Minimal

Liver

Kupffer Cell

Pigmentation

Minimal

Preputial Gland

Duct

Ectasia

Marked

Note: ECTASIA TGLs = 2-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 111

TRT#: 2
DOSE: .019 G/KG 72LM

SEX: Male
DISP: Moribund

DAY ON TEST: 449
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Preputial Gland	Thymus
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OBSERVATIONS

Bone Note: HYPEROSTOSIS TGLs = 2	Joint, Tarsal	Hyperostosis	
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Liver	Kupffer Cell	Hematopoietic Cell Proliferation	Marked
Lymph Node	Mesenteric	Pigmentation	Minimal
Skin		Hematopoietic Cell Proliferation	Moderate
Spleen Note: HEMA CELL PROL TGLs = 4		Fibrosarcoma	
Stomach	Forestomach	Hematopoietic Cell Proliferation	Moderate
	Forestomach	Acanthosis	Moderate
		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 2
DOSE: .019 G/KG 72LM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver
Lymph Node

Duodenum, Lamina Propria
Renal Tubule
Kupffer Cell
Mesenteric

Pigmentation
Regeneration
Pigmentation
Pigmentation

Minimal
Minimal
Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Inflammation

Chronic, Minimal

Necrosis

Minimal

Renal Tubule

Regeneration

Mild

Liver

Kupffer Cell

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Lymphoma Malignant Lymphocytic

Liver

Hepatocellular Adenoma

Kupffer Cell

Pigmentation

Minimal

[Hepatocellular Adenoma TGLS = 3-2]

Lymph Node

Lumbar

Lymphoma Malignant Lymphocytic

Note: LYMPH MAL LYMP TGLs = 4-6

Pancreas

Lymphoma Malignant Lymphocytic

[Lymphoma Malignant Lymphocytic TGLS = 2-5]

Spleen

Lymphoma Malignant Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 2

SEX: Male

DAY ON TEST: 734

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Renal Tubule

Dilatation

Mild

Renal Tubule

Regeneration

Minimal

Liver

Kupffer Cell

Hepatocellular Adenoma

Pigmentation

Minimal

[Hepatocellular Adenoma TGLS = 3-2]

Preputial Gland

Duct

Ectasia

Moderate

Note: ECTASIA TGLs = 2-9

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Stomach - Glandular

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Inflammation	Chronic, Mild

Note: ACANTHOSIS TGLs = 2-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: .019 G/KG 72LM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone
Note: HYPEROSTOSIS TGLs = 2-9

Joint, Tarsal

Hyperostosis

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Renal Tubule

Dilatation

Minimal

Liver

Renal Tubule

Necrosis

Minimal

Skin

Kupffer Cell

Regeneration

Minimal

Note: FIBROSARC TGLs = 1-10

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 121

TRT#: 3

SEX: Male

DAY ON TEST: 679

DOSE: .038 G/KG 72HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS	TGLs = 3-9		
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Fatty Change	Moderate
		Necrosis	Moderate
	Kupffer Cell	Pigmentation	Minimal
Note: FATTY CHANGE	TGLs = 9-2		
Lymph Node	Mesenteric	Pigmentation	Mild
Salivary Glands		Inflammation	Chronic, Minimal
Skin		Fibrosarcoma	
Note: FIBROSARC	TGLs = 4-10		
Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Prostate
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OBSERVATIONS

Ear		Schwannoma Malignant	
Note: [SCHWANNOMA MAL]	TGLs = 2-9		
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
		Necrosis	Minimal
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Note: INFLAMMATION	TGLs = 6-3		
Note: ADENOMA	TGLs = 5-3		
Liver		Hepatocellular Adenoma	
		Inflammation	Chronic, Mild
	Kupffer Cell	Pigmentation	Mild
Note: HEPATOCLR ADEN	TGLs = 7-2.1		
Lung		Alveolar/Bronchiolar Adenoma	
	Peribronchiolr, Perivascular	Inflammation	Chronic, Moderate
Lymph Node	Mesenteric	Congestion	Mild
	Pancreatic	Pigmentation	Mild
Note: CONGESTION	TGLs = 3-5		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands

Inflammation

Chronic, Moderate

Spleen

Hyperplasia

Lymphoid, Moderate

Note: HYPERPLASIA TGLs = 4-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 123

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Ileum
Lymph Node - Mesenteric
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Jejunum
Pancreas
Skin
Testes

Bone
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Parathyroid Gland
Spleen
Thymus

Bone Marrow
Gallbladder
Intestine Large - Rectum
Lung
Pituitary Gland
Stomach - Forestomach
Trachea

MISSING

Mammary Gland

Nose

Prostate

OBSERVATIONS

Intestine Small
Kidney

Duodenum, Lamina Propria
Renal Tubule

Pigmentation
Dilatation
Inflammation
Necrosis

Mild
Moderate
Chronic, Moderate
Mild

Renal Tubule
Renal Tubule
Kupffer Cell

Pigmentation
Regeneration
Pigmentation
Inflammation
Hyperplasia

Mild
Moderate
Minimal
Chronic, Minimal
Mild

Liver
Salivary Glands
Thyroid Gland

Follicular Cel

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 124

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Nose	Parathyroid Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder	Mammary Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS	TGLs = 2-9		
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild, Minimal
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
		Necrosis	Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Moderate
Liver		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Mesenteric	Pigmentation	Mild
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Intermed	Hyperplasia	Focal, Mild
Salivary Glands		Inflammation	Chronic, Moderate
Skeletal Muscle		Hemangiosarcoma	
Note: HEMANGIOSARC	TGLs = 3-10		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 126

TRT#: 3

SEX: Male

DAY ON TEST: 688

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Nose	Thymus
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Dilatation	Moderate
Liver	Renal Tubule	Inflammation	Chronic, Mild
		Mineralization	Mild
	Renal Tubule	Necrosis	Mild
	Renal Tubule	Pigmentation	Mild
	Kupffer Cell	Regeneration	Moderate
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 4-2,4-2.1		Pigmentation	Mild
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Congestion	Moderate
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Ulcer	Mild
Note: ACANTHOSIS TGLs = 5-3			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127	TRT#: 3	SEX: Male	DAY ON TEST: 733
	DOSE: .038 G/KG 72HM	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 - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum	Intestine Large - Colon	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland			

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Minimal
		Necrosis	Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lung		Alveolar/Bronchiolar Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 128

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Eye	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Small - Ileum	Mammary Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 5-9			
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 6-10			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Mild
	Renal Tubule	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Pigmentation	Mild
Salivary Glands		Inflammation	Chronic, Mild
Skin	Dermis	Fibrosis	Moderate
Note: FIBROSIS TGLs = 4-11			
Stomach	Forestomach	Acanthosis	Marked
Note: ACANTHOSIS TGLs = 7-3			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 129	TRT#: 3	SEX: Male	DAY ON TEST: 733
	DOSE: .038 G/KG 72HM	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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Inflammation	Acute, Moderate
Note: ACANTHOSIS TGLs = 3-3			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 130

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Mammary Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Mild
		Necrosis	Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Mild
Note: HEPATOCLR ADEN TGLs = 1-2			
Salivary Glands		Inflammation	Chronic, Minimal
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Inflammation	Focal, Moderate
Note: ACANTHOSIS TGLs = 2-3			
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Diaminophenol dihydrochloride

CAS Number: 137-09-7

Date Report Requested: 10/23/2014

Time Report Requested: 05:15:02

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 131

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Pancreas
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Lung
Parathyroid Gland
Skin
Testes

Brain
Heart
Intestine Small - Ileum
Lymph Node - Mesenteric
Pituitary Gland
Spleen
Thyroid Gland

Epididymis
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Prostate
Stomach - Forestomach
Trachea

MISSING

Adrenal Gland - Medulla

Mammary Gland

Thymus

OBSERVATIONS

Bone Marrow
Intestine Small
Kidney

Liver
Salivary Glands

Duodenum, Lamina Propria
Renal Tubule

Renal Tubule
Renal Tubule
Kupffer Cell

Myelofibrosis
Pigmentation
Dilatation
Inflammation
Necrosis
Pigmentation
Regeneration
Pigmentation
Inflammation

Moderate
Mild
Mild
Chronic, Mild
Minimal
Mild
Mild
Mild
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Moderate
		Inflammation	Chronic, Moderate
		Necrosis	Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Moderate
Note: DILATATION TGLs = 1-3,1-3.1,2-3,2-3.1			
Liver	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Pancreatic	Pigmentation	Minimal
Pancreas	Acinus	Hypertrophy	Focal, Moderate
Salivary Glands		Inflammation	Chronic, Mild
Tooth	Pulp	Inflammation	Necrotizing, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Esophagus	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Moderate
		Inflammation	Chronic, Mild
		Necrosis	Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Moderate
Note: DILATATION TGLs = 4-3,5-3			
Liver		Inflammation	Chronic, Mild
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Pigmentation	Minimal
Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic, Mild
Note: ECTASIA TGLs = 3-9			
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Ulcer	Moderate
Note: ACANTHOSIS TGLs = 6-3.1			
Note: ULCER TGLs = 6-3.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Diaminophenol dihydrochloride

CAS Number: 137-09-7

Date Report Requested: 10/23/2014

Time Report Requested: 05:15:02

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 135

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Prostate
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Renal Tubule	Dilatation	Mild
	Renal Tubule	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Necrosis	Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Congestion	Marked
	Mesenteric	Pigmentation	Minimal

Note: CONGESTION TGLs = 3-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 136 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 733
DOSE: .038 G/KG 72HM **DISP:** Terminal Sacrifice **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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Pancreas
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Esophagus	Mammary Gland	Nose	Parathyroid Gland
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Moderate
		Inflammation	Chronic, Moderate
		Necrosis	Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Moderate
Liver	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Mesenteric	Congestion	Moderate
	Mesenteric	Pigmentation	Minimal
Note: CONGESTION TGLs = 2-5			
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder	Submucosa	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137	TRT#: 3 DOSE: .038 G/KG 72HM	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 Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Pancreas	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Gallbladder	Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 2-9			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Moderate
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
		Necrosis	Mild
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Mild
[Hepatocellular Carcinoma TGLS = 3-2.1]			
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Inflammation	Chronic, Mild
Note: ACANTHOSIS TGLs = 5-3.1			
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 141

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Intestine Small - Duodenum	Mammary Gland	Nose	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 2-7	Medulla	Pheochromocytoma Benign	
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
		Necrosis	Minimal
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Spleen		Pigmentation	Minimal
Stomach Note: [INFLAMMATION] TGLs = 4-3.1	Forestomach	Inflammation	Acute, Mild
Thyroid Gland	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 142

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

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 - Rectum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Colon	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Intestine Small	Ileum	Hyperplasia	Lymphoid, Marked
	Duodenum, Lamina Propria	Pigmentation	Minimal
Note: HYPERPLASIA TGLs = 3-6.1			
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
		Necrosis	Minimal
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Congestion	Mild
Note: CONGESTION TGLs = 2-5			
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Inflammation	Acute, Minimal
Note: ACANTHOSIS TGLs = 4-5			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Mild
	Renal Tubule	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Renal Tubule	Mineralization	Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Prostate
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Mild
Note: HEPATOCLR CARC TGLs = 3-3.1			
Lymph Node	Mesenteric	Pigmentation	Minimal
Salivary Glands		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

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 - Ileum	Islets, Pancreatic	Lung	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Intestine Small	Jejunum	Lymphoma Malignant Lymphocytic	
	Duodenum, Lamina Propria	Pigmentation	Minimal
Note: LYMPH MAL LYMP TGLs = 2-6			
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
	Renal Tubule	Mineralization	Minimal
		Necrosis	Minimal
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Congestion	Moderate
	Mesenteric	Pigmentation	Minimal
	Pancreatic	Pigmentation	Mild
Note: CONGESTION TGLs = 3-5			
Preputial Gland		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-9			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 146

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS	TGLs = 2-9		
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 148

TRT#: 3

SEX: Male

DAY ON TEST: 606

DOSE: .038 G/KG 72HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Islets, Pancreatic
Pancreas
Spleen
Thymus

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Lung
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Ileum
Lymph Node - Mesenteric
Prostate
Stomach - Glandular

Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Seminal Vesicle
Testes

MISSING

Esophagus
Trachea

Mammary Gland

Parathyroid Gland

Thyroid Gland

OBSERVATIONS

Bone
Note: HYPEROSTOSIS TGLs = 3-9
Intestine Small
Kidney

Liver
Salivary Glands
Skin
Note: FIBROSARC TGLs = 2-10

Duodenum, Lamina Propria
Renal Tubule

Renal Tubule
Renal Tubule
Kupffer Cell

Hyperostosis

Pigmentation
Dilatation
Inflammation
Pigmentation
Regeneration
Pigmentation
Inflammation
Fibrosarcoma

Minimal
Minimal
Chronic, Mild
Minimal
Mild
Minimal
Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 4-9			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Mild
	Renal Tubule	Inflammation	Chronic, Mild
	Renal Tubule	Mineralization	Minimal
	Renal Tubule	Necrosis	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver	Kupffer Cell	Regeneration	Mild
Lymph Node	Mesenteric	Pigmentation	Minimal
Note: CONGESTION TGLs = 6-5		Congestion	Moderate
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Moderate
Note: ACANTHOSIS TGLs = 8-3			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 150

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 3-9			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Mild
		Necrosis	Minimal
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 4-1			
Lymph Node	Mesenteric	Congestion	Mild
Note: CONGESTION TGLs = 5-5			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 151

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Minimal
		Necrosis	Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Nose	Nasolacrim Dct	Hyperplasia	Squamous, Moderate
Salivary Glands		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 152

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Nose	Thymus
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Moderate
		Inflammation	Chronic, Mild
		Necrosis	Minimal
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Note: DILATATION TGLs = 3-3			
Liver		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 4-2]			
Lymph Node	Pancreatic	Pigmentation	Moderate
Preputial Gland	Duct	Ectasia	Marked
Note: ECTASIA TGLs = 2-9			
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Ulcer	Mild
Note: ACANTHOSIS TGLs = 5-3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 153 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 568
DOSE: .038 G/KG 72HM **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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland Nose

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Mild
		Fibrosarcoma	Metastatic (Skin)
		Necrosis	Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Mild
Salivary Glands	Acinus	Atrophy	Focal, Moderate
Skin		Fibrosarcoma	
Note: FIBROSARC TGLs = 1-9			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 154

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Mild
		Lymphoma Malignant Lymphocytic	
		Necrosis	Minimal
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Mesenteric	Congestion	Moderate
	Mesenteric	Pigmentation	Minimal
Note: CONGESTION	TGLs = 2-5		
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Lymphoma Malignant Lymphocytic	
Tooth	Peridont Tiss	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 156

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Moderate
		Inflammation	Chronic, Mild
		Necrosis	Mild
	Renal Tubule	Pigmentation	Moderate
	Renal Tubule	Regeneration	Moderate
Note: DILATATION TGLs = 3-3			
Liver	Kupffer Cell	Pigmentation	Mild
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-1.1]			
Lymph Node	Mesenteric	Congestion	Mild
	Mesenteric	Hyperplasia	Lymphoid, Marked
Note: CONGESTION TGLs = 2-5			
Note: HYPERPLASIA TGLs = 2-5			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Islets, Pancreatic
Pancreas
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Lung
Pituitary Gland
Skin
Testes

Bone Marrow
Heart
Intestine Small - Ileum
Lymph Node - Mesenteric
Prostate
Spleen
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Salivary Glands
Stomach - Forestomach
Trachea

MISSING

Esophagus

Mammary Gland

Parathyroid Gland

Thymus

OBSERVATIONS

Bone
Note: HYPEROSTOSIS TGLs = 3-9

Joint, Tarsal

Hyperostosis

Intestine Small
Kidney

Duodenum, Lamina Propria
Renal Tubule
Renal Tubule
Renal Tubule

Pigmentation
Dilatation
Pigmentation
Regeneration

Minimal
Mild
Mild
Minimal

Liver
Preputial Gland
Note: INFLAMMATION TGLs = 4-10

Kupffer Cell

Hematopoietic Cell Proliferation
Pigmentation
Inflammation

Moderate
Moderate
Suppurative, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 158 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 733
DOSE: .038 G/KG 72HM **DISP:** Terminal Sacrifice **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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Esophagus	Mammary Gland	Nose
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
		Necrosis	Minimal
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 2-1.1			
Lymph Node	Mesenteric	Congestion	Mild
	Mesenteric	Pigmentation	Minimal
Note: CONGESTION TGLs = 3-5			
Salivary Glands		Inflammation	Chronic, Minimal
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 159

TRT#: 3

SEX: Male

DAY ON TEST: 621

DOSE: .038 G/KG 72HM

DISP: Moribund

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Mild
		Necrosis	Minimal
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Lymphoma Malignant Undifferentiated Cell Type	
	Kupffer Cell	Pigmentation	Minimal
Note: [LYMPH MAL UNDF] TGLs = 10-2			
Lymph Node	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 5-5			
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 3-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 160

TRT#: 3

SEX: Male

DAY ON TEST: 136

DOSE: .038 G/KG 72HM

DISP: Dead

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	Islets, Pancreatic	Liver	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Gallbladder	Mammary Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Jejunum	Thymus
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INSUFFICIENT TISSUE

Nose

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Marked
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 3-1		
Prostate		Inflammation	Suppurative, Moderate
Urinary Bladder	Serosa	Inflammation	Mild
Note: INFLAMMATION	TGLs = 5		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 161

TRT#: 3

SEX: Male

DAY ON TEST: 603

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Mild
	Renal Tubule	Mineralization	Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Mild
	Kupffer Cell	Pigmentation	Mild
Skin	Dermis	Fibrosis	Marked

Note: FIBROSIS TGLs = 2-9

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 163

TRT#: 3

SEX: Male

DAY ON TEST: 378

DOSE: .038 G/KG 72HM

DISP: Moribund

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Pituitary Gland	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Blood Vessel	Artery	Inflammation	Chronic, Marked
Note: THE ARTERITIS IS FOUND IN THE THYROID GLAND.			
Note: SIMILAR TO INFLAMMATION OF THE CORONARY ARTERIES.			
Gallbladder	Serosa	Inflammation	Acute, Moderate
Heart	Coron Artery	Inflammation	Chronic, Marked
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Moderate
Lymph Node	Renal	Hyperplasia	Histiocytic, Moderate
Note: HYPERPLASIA TGLs = 4			
Pancreas	Acinus	Atrophy	Moderate
Note: MATURE ADIPOSE CELLS.			
Note: ACINUS ATROPHY ACCOMPANIED BY INFILTRATION OF			
Prostate		Inflammation	Acute, Mild
Salivary Glands		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 164 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 733
DOSE: .038 G/KG 72HM **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 - Jejunum
Islets, Pancreatic	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Rectum	Mammary Gland	Thymus
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OBSERVATIONS

Intestine Small	Ileum	Lymphoma Malignant Undifferentiated Cell Type	
	Duodenum, Lamina Propria	Pigmentation	Minimal
Note: [LYMPH MAL UNDF] TGLs = 4-6.1			
Kidney	Renal Tubule	Dilatation	Mild
		Lymphoma Malignant Undifferentiated Cell Type	
		Metaplasia	Osseous, Moderate
		Necrosis	Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Moderate
Note: [LYMPH MAL UNDF] TGLs = 2-3			
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
	Renal	Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 3-1			
Note: [LYMPH MAL UNDF] TGLs = 5-5.1			
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 165	TRT#: 3	SEX: Male	DAY ON TEST: 733
	DOSE: .038 G/KG 72HM	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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Parathyroid Gland		Cyst	Multiple
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Ulcer	Moderate

Note: [ACANTHOSIS] TGLs = 4-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 166

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 2-9			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Congestion	Marked
	Mesenteric	Pigmentation	Minimal
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 167

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Islets, Pancreatic	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 2-9			
Intestine Small	Jejunum	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-6	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Pigmentation	Mild
Salivary Glands		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 168

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	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
Lung	Nose	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Moderate
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
	Renal Tubule	Mineralization	Mild
	Renal Tubule	Pigmentation	Marked
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Marked
Note: PIGMENT	TGLs = 3-2		
Lymph Node	Mesenteric	Pigmentation	Moderate
Note: PIGMENT	TGLs = 2-5		
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Ulcer	Mild
Note: ACANTHOSIS	TGLs = 4-3		
Note: ULCER	TGLs = 4-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 169

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Nose	Pancreas
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Moderate
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Renal Tubule	Dilatation	Moderate
		Inflammation	Chronic, Mild
	Renal Tubule	Necrosis	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver	Kupffer Cell	Regeneration	Moderate
Lung		Pigmentation	Mild
		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-1]		
Lymph Node	Mesenteric	Congestion	Moderate
	Pancreatic	Pigmentation	Marked
Note: CONGESTION	TGLs = 3-5		
Salivary Glands		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 170

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 2-9			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Mild
Pancreas	Acinus	Atrophy	Mild
Spleen		Hemangioma	
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 171

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	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
Lung	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

MISSING

Mammary Gland	Nose	Thymus
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Congestion	Marked
Note: CONGESTION TGLs = 4-5			
Preputial Gland		Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 2-9			
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder	Submucosa	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 172

TRT#: 3

SEX: Male

DAY ON TEST: 733

DOSE: .038 G/KG 72HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 1-9			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Marked
		Inflammation	Chronic, Minimal
		Metaplasia	Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Minimal
Note: DILATATION TGLs = 2-3			
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Congestion	Marked
Note: CONGESTION TGLs = 3-5			
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder	Submucosa	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 173

TRT#: 3

SEX: Male

DAY ON TEST: 613

DOSE: .038 G/KG 72HM

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 - Ileum
Intestine Small - Jejunum	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland Nose

OBSERVATIONS

Epididymis		Inflammation	Chronic, Mild
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Marked
Note: PIGMENT TGLs = 3-6			
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Mixed Cell Focus	
		Necrosis	Minimal
	Kupffer Cell	Pigmentation	Mild
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-1]			
Lymph Node	Mesenteric	Pigmentation	Minimal
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Minimal
Stomach	Glandular	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 174

TRT#: 3

SEX: Male

DAY ON TEST: 470

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Blood Vessel			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
		Necrosis	Mild
	Renal Tubule	Pigmentation	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Marked
Salivary Glands		Inflammation	Chronic, Mild
Skin	Subcut Tiss	Inflammation	Chronic, Minimal
Spleen		Pigmentation	Marked
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Inflammation	Acute, Mild
	Forestomach	Mineralization	Mild

Note: [ACANTHOSIS] TGLs = 4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 177

TRT#: 3

SEX: Male

DAY ON TEST: 453

DOSE: .038 G/KG 72HM

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Dilatation	Minimal
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Moderate
Lymph Node	Mesenteric	Pigmentation	Minimal
	Pancreatic	Pigmentation	Moderate
Skin		Fibrosarcoma	
Note: FIBROSARC	TGLs = 1		
Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 178

TRT#: 3

SEX: Male

DAY ON TEST: 657

DOSE: .038 G/KG 72HM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Islets, Pancreatic	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
	Renal Tubule	Mineralization	Moderate
	Papilla	Necrosis	Mild
		Necrosis	Mild
		Pigmentation	Minimal
Liver	Renal Tubule	Regeneration	Mild
	Renal Tubule	Hemangiosarcoma	
Lymph Node	Mesenteric	Congestion	Marked
	Mesenteric	Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:02
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 180

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: .038 G/KG 72HM

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Carcinoma	Metastatic (Uncertain Primary Site)
Note: METASTASIS IS MAINLY IN PERIRENAL FAT			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
		Necrosis	Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lung		Carcinoma	Metastatic (Uncertain Primary Site)
Note: [CARCINOMA] TGLs = 4-1			
Lymph Node	Pancreatic	Pigmentation	Marked
Salivary Glands		Inflammation	Chronic, Minimal
Skin		Carcinoma	Metastatic (Uncertain Primary Site)
		Ulcer	Multiple, Marked
Note: ULCER TGLs = 1-3,1-9			
Note: ULCER TGLs = 2-9			
Note: ULCER TGLs = 3-10			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 4	SEX: Female	DAY ON TEST: 542
	DOSE: VEHICLE 72VF	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	Liver	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland	Stomach
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OBSERVATIONS

Gallbladder	Serosa	Inflammation	Suppurative, Marked
Kidney		Inflammation	Chronic, Mild
Lung	Perivascular	Inflammation	Acute, Marked
Mesentery		Inflammation	Acute, Moderate
Ovary	Bilateral	Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 3-9,4-9		
Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE 72VF	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	Lung
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

OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 4	SEX: Female	DAY ON TEST: 340
	DOSE: VEHICLE 72VF	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	Liver
Lung	Lymph Node - Mesenteric	Nose	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Mammary Gland	Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Ovary	Follicle	Cyst	
Note: CYST TGLs = 2			
Skeletal Muscle	Hindlimb	Rhabdomyoma	
Note: RHABDOMYOMA TGLs = 1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 4 DOSE: VEHICLE 72VF	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 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 Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Skin	Thymus	Thyroid Gland	Trachea

MISSING

Intestine Large - Rectum	Mammary Gland
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Angiectasis	Moderate
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 3-3			
Stomach	Forestomach	Squamous Cell Carcinoma	
	Glandular	Squamous Cell Carcinoma	Deep Invasion
Note: SQUAM CEL CARC TGLs = 4-3			
Urinary Bladder	Submucosa	Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE 72VF	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	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Nose	Parathyroid Gland
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Ovary		Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Marked

Note: HYPERPLASIA TGLs = 2-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE 72VF	DISP: Terminal Sacrifice	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	Lung	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Gland - Medulla	Gallbladder		
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OBSERVATIONS

Kidney		Lymphoma Malignant Mixed Regeneration	Minimal
Liver	Renal Tubule	Hepatocellular Adenoma Lymphoma Malignant Mixed	
Note: HEPATOCLR ADEN TGLs = 7-2			
Lymph Node	Inguinal Mandibular Mediastinal Mesenteric	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 3-5			
Note: [LYMPH MAL MIXD] TGLs = 2-6			
Note: [LYMPH MAL MIXD] TGLs = 5-1			
Note: [LYMPH MAL MIXD] TGLs = 6-5			
Mesentery		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Mixed	
Uterus	Endometrium Endometrium	Hyperplasia Inflammation	Cystic, Moderate Suppurative, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 656
DOSE: VEHICLE 72VF **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Uterus

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Marked
Bone Marrow		Hyperplasia	Marked
Intestine Small	Ileum	Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 4-6.1			
Kidney	Renal Tubule	Mineralization	Mild
	Papilla	Necrosis	Moderate
	Renal Tubule	Regeneration	Moderate
Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 5-5			
Ovary		Cyst	
Note: CYST TGLs = 3-4			
Parathyroid Gland		Cyst	
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 6-3			
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 4 DOSE: VEHICLE 72VF	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 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	Liver
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Lung	Peribronchiolr	Inflammation	Chronic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Inflammation	Chronic, Minimal
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Inflammation	Chronic, Mild
Note: [ACANTHOSIS] TGLs = 3-3			
Urinary Bladder	Submucosa	Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-4			

PRIMARY CAUSE OF DEATH -

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE 72VF	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 - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Salivary Glands		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11

TRT#: 4

SEX: Female

DAY ON TEST: 722

DOSE: VEHICLE 72VF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Intestine Large	Cecum	Lymphoma Malignant Mixed	
Intestine Small	Ileum	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 9-6			
Kidney	Renal Tubule	Regeneration	Mild
Liver		Lymphoma Malignant Mixed	
Lung		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Lumbar	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 2-5			
Note: [LYMPH MAL MIXD] TGLs = 12-10			
Note: [LYMPH MAL MIXD] TGLs = 10-5.1			
Note: [LYMPH MAL MIXD] TGLs = 5-5			
Note: [LYMPH MAL MIXD] TGLs = 14-3.1			
Note: [LYMPH MAL MIXD] TGLs = 13-9			
Ovary		Cyst	Multiple
		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE 72VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Intestine Large - Colon	Mammary Gland	Nose
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Kidney		Inflammation	Chronic, Mild
		Necrosis	Mild
	Renal Tubule	Regeneration	Mild
Liver		Eosinophilic Focus	Mild
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Inflammation	Acute, Focal, Mild

Note: [ACANTHOSIS] TGLs = 1-3

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE 72VF	DISP: Terminal Sacrifice	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	Liver	Lung
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

MISSING

Nose

INSUFFICIENT TISSUE

Ovary

OBSERVATIONS

Heart	Coron Artery	Inflammation	Acute, Moderate
Kidney		Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Mild
Urinary Bladder	Submucosa	Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE 72VF	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 Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Intestine Large - Rectum

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Ovary		Cyst	
Note: CYST IS THROMBOSED AND HEMMORRHAGIC			
Note: CYST TGLs = 2-4			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17	TRT#: 4	SEX: Female	DAY ON TEST: 729
	DOSE: VEHICLE 72VF	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	Lung
Nose	Pancreas	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Inflammation	Chronic, Moderate
		Necrosis	Moderate
	Renal Tubule	Regeneration	Mild
Liver		Inflammation	Chronic, Mild
Lymph Node	Mesenteric	Hyperplasia	Plasma Cell, Moderate
Mesentery		Inflammation	Chronic, Mild
Ovary		Inflammation	Suppurative, Marked

Note: INFLAMMATION TGLs = 2-4.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE 72VF

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	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Inflammation	Chronic, Moderate
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Mild
Mesentery		Inflammation	Chronic, Moderate
Ovary		Cyst	
Spleen		Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA	TGLs = 3-3		
Thyroid Gland		Inflammation	Chronic, Minimal
Urinary Bladder	Submucosa	Ulcer	Chronic, Marked
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 4-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE 72VF

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	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Mammary Gland	Thymus
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver		Inflammation	Chronic, Mild
Lung	Peribronchiolr	Inflammation	Chronic, Mild
Ovary		Cyst	
Note: CYST	TGLs = 3-4		
Salivary Glands		Inflammation	Chronic, Minimal
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Ulcer	Moderate
Note: ULCER	TGLs = 4-3		
Note: ACANTHOSIS	TGLs = 4-3		
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20	TRT#: 4	SEX: Female	DAY ON TEST: 710
	DOSE: VEHICLE 72VF	DISP: Dead	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	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Pituitary Gland
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 2-2			
Ovary		Hyperplasia	Cystic, Papillary, Marked
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Moderate
[Acanthosis TGLS = 3-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE 72VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Ear	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Salivary Glands		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23	TRT#: 4	SEX: Female	DAY ON TEST: 729
	DOSE: VEHICLE 72VF	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 - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-7		
Salivary Glands		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE 72VF	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 - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Urinary Bladder	Submucosa	Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE 72VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
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	Skin	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	

MISSING

Adrenal Gland - Medulla	Esophagus
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OBSERVATIONS

Lung		Inflammation	Chronic, Mild
Ovary		Cyst	
Note: CYST	TGLs = 2-4		
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Glandular	Inflammation	Chronic, Minimal
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 321
DOSE: VEHICLE 72VF **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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Uterus

MISSING

Nose	Pituitary Gland	Thymus	Urinary Bladder
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Rectum
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OBSERVATIONS

Gallbladder	Serosa	Inflammation	Suppurative, Marked
Liver		Hematopoietic Cell Proliferation	Moderate
	Serosa	Inflammation	Suppurative, Marked
Note: HEMA CELL PROL TGLs = 3			
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Hyperplasia	Plasma Cell, Marked
	Renal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Inflammation	Acute, Mild
Note: HYPERPLASIA TGLs = 4			
Note: [HYPERPLASIA] TGLs = 5			
Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1			
Pancreas	Serosa	Inflammation	Suppurative, Moderate
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 2			
Stomach	Serosa	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 458
DOSE: VEHICLE 72VF **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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 - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Uterus

MISSING

Gallbladder

OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Liver		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 8			
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Hyperplasia	Plasma Cell, Marked
	Renal	Hyperplasia	Plasma Cell, Marked
Note: HYPERPLASIA TGLs = 5			
Note: HYPERPLASIA TGLs = 7			
Note: HYPERPLASIA TGLs = 4			
Note: HYPERPLASIA TGLs = 6			
Mammary Gland		Inflammation	Chronic, Moderate
Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 2			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 3			
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 4

SEX: Female

DAY ON TEST: 400

DOSE: VEHICLE 72VF

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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	Mammary Gland
Nose	Pancreas	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

MISSING

Bone Marrow	Gallbladder	Parathyroid Gland	Pituitary Gland
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Capsule	Inflammation	Membranous, Marked
Liver		Hematopoietic Cell Proliferation	Marked
	Serosa	Inflammation	Membranous, Moderate
Lymph Node	Mediastinal	Inflammation	Acute, Marked
	Mesenteric, Serosa	Inflammation	Membranous, Moderate
Mesentery	Mesothelium	Inflammation	Membranous, Moderate
Ovary	Bilateral	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1			
Note: INFLAMMATION TGLs = 2			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 3			
Uterus	Endometrium	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

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Animal Note: TION OF THE ABDOMINAL PERITONEUM. MANY TISSUES
 Animal Note: IS TYPICAL OF KLEBSIELLA INFECTION WITH
 Animal Note: SEPTICEMIA.
 Animal Note: THERE IS FIBRINOPURULENT OR MEMBRANOUS INFLAMMA-
 Animal Note: HAVE GREAT NUMBERS OF SMALL BACILLI. PATHOLOGY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 376
DOSE: VEHICLE 72VF **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	Mammary Gland	Nose
Oviduct	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Lymph Node - Mesenteric Thymus

OBSERVATIONS

Gallbladder	Serosa	Inflammation	Suppurative, Mild
Kidney		Inflammation	Chronic, Mild
		Inflammation	Acute, Mild
Liver	Serosa	Inflammation	Suppurative, Moderate
Lung	Lymphatic, Perivascular	Inflammation	Acute, Moderate
Ovary		Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1			
Pancreas		Inflammation	Suppurative, Marked
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder	Serosa	Inflammation	Suppurative, Moderate
	Submucosa	Inflammation	Chronic, Moderate
Uterus	Endometrium	Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: LUNG, BLADDER, LIVER, GALL BLADDER, KIDNEY, OVARY

Animal Note: TION.

Animal Note: BERS OF BACILLI, CONSISTENT WITH KLEBSIELLA INFEC-

Animal Note: UTERUS, AND PANCREAS LESIONS CONTAIN GREAT NUM-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 4	SEX: Female	DAY ON TEST: 722
	DOSE: VEHICLE 72VF	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	Mammary Gland
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Kidney		Histiocytic Sarcoma
Note: [HISTIO SARC] TGLs = 10-3		
Liver		Histiocytic Sarcoma
Note: [HISTIO SARC] TGLs = 13-2		
Lung		Histiocytic Sarcoma
Lymph Node	Axillary	Histiocytic Sarcoma
	Inguinal	Histiocytic Sarcoma
	Lumbar	Histiocytic Sarcoma
	Mandibular	Histiocytic Sarcoma
	Mediastinal	Histiocytic Sarcoma
	Mesenteric	Histiocytic Sarcoma
	Renal	Histiocytic Sarcoma
Note: [HISTIO SARC] TGLs = 14-11		
Note: [HISTIO SARC] TGLs = 9-9		
Note: [HISTIO SARC] TGLs = 3-5		
Note: [HISTIO SARC] TGLs = 11-10		
Note: [HISTIO SARC] TGLs = 12-9		
Note: [HISTIO SARC] TGLs = 6-1		
Nose		Histiocytic Sarcoma
Ovary		Histiocytic Sarcoma
Pancreas		Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31

TRT#: 4

SEX: Female

DAY ON TEST: 722

DOSE: VEHICLE 72VF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands

Histiocytic Sarcoma

Spleen

Histiocytic Sarcoma

Note: [HISTIO SARC] TGLs = 8-3

Uterus

Histiocytic Sarcoma

Note: [HISTIO SARC] TGLs = 7-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: VEHICLE 72VF	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 - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Ovary	Follicle	Cyst	
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: VEHICLE 72VF	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	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 7-2			
Ovary	Follicle	Cyst	
Note: CYST TGLs = 4-4			
Salivary Glands		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: VEHICLE 72VF

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
Lung	Mammary Gland	Nose	Pancreas
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Liver		Basophilic Focus	Moderate
Note: [BASOPH FOCUS] TGLs = 8-2			
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 5-5			
Note: [LYMPH MAL MIXD] TGLs = 6-9			
Note: [LYMPH MAL MIXD] TGLs = 7-1			
Ovary	Follicle	Cyst	
Note: CYST TGLs = 2-4			
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-3			
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 3-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: VEHICLE 72VF

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
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 2-2]			
Ovary		Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE 72VF	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 - Mesenteric
Mammary Gland	Nose	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Moderate
Liver		Inflammation	Chronic, Mild
Lung		Alveolar/Bronchiolar Adenoma	
Ovary	Periovarn Tiss	Inflammation	Chronic, Moderate
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Salivary Glands		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked

Note: HYPERPLASIA TGLs = 2-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: VEHICLE 72VF	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 - Mesenteric	Mammary Gland
Nose	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 3-4			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild
Uterus	Endometrium	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41

TRT#: 4

SEX: Female

DAY ON TEST: 670

DOSE: VEHICLE 72VF

DISP: Dead

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Nose	Skin
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Intestine Small - Duodenum	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Ovary		Cyst	
		Lymphoma Malignant Lymphocytic	
Note: CYST	TGLs = 5-4		
Pancreas		Lymphoma Malignant Lymphocytic	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 7-7		
Salivary Glands		Lymphoma Malignant Lymphocytic	
Skeletal Muscle	Back	Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Stomach	Forestomach	Acanthosis	Moderate
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE 72VF	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	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Mild
Lung	Peribronchiolr, Perivascular	Inflammation	Chronic, Mild
Lymph Node	Mesenteric	Pigmentation	Minimal
Mesentery		Inflammation	Chronic, Moderate
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Inflammation	Acute, Focal, Moderate
Note: ACANTHOSIS	TGLs = 2-3.1		
Note: INFLAMMATION	TGLs = 2-3.1		
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 726
DOSE: VEHICLE 72VF **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Nose	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Lymphoid, Mild
Heart		Hyperplasia	Lymphoid, Mild
Kidney		Hyperplasia	Lymphoid, Mild
Liver		Hyperplasia	Lymphoid, Mild
Lung		Hyperplasia	Lymphoid, Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Plasma Cell, Marked
Note: HYPERPLASIA TGLs = 5-3			
Mammary Gland		Hyperplasia	Lymphoid, Mild
Ovary		Hyperplasia	Lymphoid, Mild
		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 2-4.1			
Pancreas		Hyperplasia	Lymphoid, Mild
Spleen		Hyperplasia	Lymphoid, Mild
Note: [HYPERPLASIA] TGLs = 1-3.1			
Stomach	Forestomach	Acanthosis	Mild
Note: ACANTHOSIS TGLs = 6-3			
Uterus	Endometrium	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 3-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE 72VF	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	Nose	Ovary	Pancreas
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Lymphoma Malignant Undifferentiated Cell Type	
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 3-3			
Thymus		Lymphoma Malignant Undifferentiated Cell Type	
Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46	TRT#: 4	SEX: Female	DAY ON TEST: 729
	DOSE: VEHICLE 72VF	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	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Mild
Liver		Inflammation	Chronic, Mild
Ovary		Cyst	
Note: CYST	TGLs = 2-4		
Stomach	Glandular	Pigmentation	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 3-4		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47	TRT#: 4 DOSE: VEHICLE 72VF	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 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	Nose
Ovary	Pancreas	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Salivary Glands	
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lung	Perivascular	Inflammation	Chronic, Mild
Lymph Node	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 2-5			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 1-3			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 3-4			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49	TRT#: 4	SEX: Female	DAY ON TEST: 621
	DOSE: VEHICLE 72VF	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	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Thyroid Gland	Trachea		

MISSING

Thymus

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver		Necrosis	Moderate
Ovary		Cystadenoma	Papillary
Note: CYSTADENOMA	TGLs = 2-4.1		
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
Stomach	Glandular	Pigmentation	Minimal
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE 72VF

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	Nose	Pancreas
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Ovary	Follicle	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-7		
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 2-3		
Urinary Bladder	Submucosa	Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 4-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 51	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: VEHICLE 72VF	DISP: Terminal Sacrifice	HISTO:

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

MISSING

Adrenal Gland - Medulla	Intestine Small - Duodenum	Mammary Gland
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Mild
Lung	Peribronchiolr, Perivascular	Inflammation	Chronic, Moderate
Ovary		Cyst	
	Periovarn Tiss	Inflammation	Chronic, Moderate
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder	Submucosa	Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 52	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: VEHICLE 72VF	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	Liver	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Thymus
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Ovary		Cyst	
Salivary Glands		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 53	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: VEHICLE 72VF	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	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

MISSING

Thymus	Urinary Bladder
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Ovary		Cyst	
Spleen		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 55

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: VEHICLE 72VF

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 - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Intestine Large - Colon	Thymus
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OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
		Lymphoma Malignant Lymphocytic	
	Renal Tubule	Regeneration	Mild
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Lumbar	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 6-10		
Note: LYMPH MAL LYMP	TGLs = 12-9		
Note: LYMPH MAL LYMP	TGLs = 9-5		
Note: LYMPH MAL LYMP	TGLs = 7		
Note: LYMPH MAL LYMP	TGLs = 10-5		
Note: LYMPH MAL LYMP	TGLs = 5-5		
	[Lymphoma Malignant Lymphocytic TGLS = 11-2]		
Ovary		Cyst	
	Periovarn Tiss	Lymphoma Malignant Lymphocytic	
Note: CYST	TGLs = 3-4		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 55	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: VEHICLE 72VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 8-3		
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 4-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 56

TRT#: 4

SEX: Female

DAY ON TEST: 705

DOSE: VEHICLE 72VF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Skin
Stomach - Forestomach	Trachea		

MISSING

Esophagus	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Capsule	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Gallbladder		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 8-2			
Lung	Alveolus	Alveolar/Bronchiolar Carcinoma Hyperplasia Lymphoma Malignant Lymphocytic	Macrophage, Marked
[Lymphoma Malignant Lymphocytic TGLs = 5-1.1]			
Lymph Node	Mediastinal Mesenteric	Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic	
Mammary Gland		Hyperplasia Lymphoma Malignant Lymphocytic	Cystic, Moderate
Nose		Lymphoma Malignant Lymphocytic	
Ovary		Lymphoma Malignant Lymphocytic	
Pancreas		Lymphoma Malignant Lymphocytic	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 9-7			
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-3			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 56

TRT#: 4
DOSE: VEHICLE 72VF

SEX: Female
DISP: Moribund

DAY ON TEST: 705
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Glandular, Muscularis	Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: VEHICLE 72VF	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	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Brain	Meninges	Inflammation	Chronic, Moderate
Kidney		Inflammation	Chronic, Mild
Ovary		Cyst	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 58	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE 72VF	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	Kidney	Liver
Lung	Lymph Node - Mesenteric	Nose	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		

MISSING

Intestine Small - Ileum	Ovary	Parathyroid Gland	Thymus
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OBSERVATIONS

Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 9-9		
Mammary Gland		Carcinoma	
Note: CARCINOMA	TGLs = 3-10		
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 10-7		
Salivary Glands		Inflammation	Chronic, Mild
Thyroid Gland		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59	TRT#: 4	SEX: Female	DAY ON TEST: 454
	DOSE: VEHICLE 72VF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Oviduct
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Liver		Fatty Change	Mild
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 3			
Pancreas		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 4			
Salivary Glands		Inflammation	Chronic, Mild
Spleen	Subcapsular	Inflammation	Acute, Mild
Tissue NOS		Necrosis	Moderate
Note: NECROSIS TGLs = 6			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60	TRT#: 4 DOSE: VEHICLE 72VF	SEX: Female DISP: Moribund	DAY ON TEST: 558 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	Pancreas
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Nose	Pituitary Gland	
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OBSERVATIONS

Kidney		Lymphoma Malignant Lymphocytic Regeneration	Mild
Note: LYMPH MAL LYMP TGLs = 4-3	Renal Tubule		
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Ovary		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Skeletal Muscle	Head	Sarcoma	
Note: SARCOMA TGLs = 6-9			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-3			
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 61	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
		Necrosis	Minimal
Liver	Renal Tubule	Regeneration	Mild
		Hematopoietic Cell Proliferation	Mild
	Serosa	Inflammation	Suppurative, Moderate
Lymph Node	Renal	Hyperplasia	Plasma Cell, Marked
	Mesenteric	Pigmentation	Minimal
Note: HYPERPLASIA TGLs = 3-9			
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 4-9			
Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 2-4.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Ovary	Skin
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 63	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	Skin
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Regeneration	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-1]		
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Mammary Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-9		
Spleen		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD]	TGLs = 3-3		
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 5-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 64	TRT#: 5	SEX: Female	DAY ON TEST: 713
	DOSE: .019 G/KG 72LF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 6-2]			
Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 4-4.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Regeneration	Minimal
Ovary		Cyst	
[Cyst TGLS = 2-4]			
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Ulcer	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Stomach - Glandular

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Carcinoma	
	Renal Tubule	Regeneration	Minimal
Note: CARCINOMA	TGLs = 4-3		
Liver	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA	TGLs = 3-9		
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Ulcer	Mild
Note: [ACANTHOSIS]	TGLs = 5-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 69	TRT#: 5	SEX: Female	DAY ON TEST: 71
	DOSE: .019 G/KG 72LF	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	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
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OBSERVATIONS

Lung		Congestion	Moderate
		Edema	Moderate
Note: [CONGESTION] TGLs = 3			
Thymus		Inflammation	Marked
	Thymocyte	Necrosis	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH: MEDIASTITIS AND PULMONARY EDEMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 70	TRT#: 5 DOSE: .019 G/KG 72LF	SEX: Female DISP: Moribund	DAY ON TEST: 592 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	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Uterus	

OBSERVATIONS

Adrenal Gland Note: INFLAMMATION TGLs = 4-7	Capsule	Inflammation	Suppurative, Moderate
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Fat	Inflammation	Chronic, Mild
Liver Note: [BASOPH FOCUS] TGLs = 6-2		Basophilic Focus	Moderate
		Hematopoietic Cell Proliferation	Mild
Lung		Inflammation	Acute, Focal, Mild
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Marked
Mesentery		Inflammation	Suppurative, Moderate
Ovary Note: INFLAMMATION TGLs = 1-4		Inflammation	Suppurative, Marked
Salivary Glands		Inflammation	Chronic, Mild
Spleen Note: HEMA CELL PROL TGLs = 3-3		Hematopoietic Cell Proliferation	Marked
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 71	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	Ovary	Stomach - Glandular
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Stomach	Forestomach	Acanthosis	Mild
Note: ACANTHOSIS TGLs = 4-3			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 3-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Metaplasia	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 74	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pancreas

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Necrosis	Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Minimal
Ovary		Cyst	
[Cyst TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 75

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Renal Tubule

Regeneration

Minimal

Liver

Kupffer Cell

Pigmentation

Minimal

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 76	TRT#: 5	SEX: Female	DAY ON TEST: 516
	DOSE: .019 G/KG 72LF	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	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Oviduct	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Small - Jejunum	Salivary Glands
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver		Fatty Change	Moderate
Mammary Gland		Hyperplasia	Moderate
Ovary		Luteoma	
Note: LUTEOMA	TGLs = 2		
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Ulcer	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 78	TRT#: 5	SEX: Female	DAY ON TEST: 726
	DOSE: .019 G/KG 72LF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Basophilic Focus	Moderate
		Pigmentation	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC	TGLs = 4-1,5-1		
Lymph Node	Mesenteric	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Renal Tubule

Regeneration

Minimal

Liver

Kupffer Cell

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80	TRT#: 5	SEX: Female	DAY ON TEST: 730
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Liver		Hyperplasia	Lymphoid, Mild
	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Lymphoid, Mild
Note: [HYPERPLASIA] TGLs = 4-9			
Note: [HYPERPLASIA] TGLs = 5-10			
Ovary		Cyst	
Note: CYST TGLs = 3-4			
Uterus		Hydrometra	Marked
Note: HYDROMETRA TGLs = 2-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 81	TRT#: 5	SEX: Female	DAY ON TEST: 692
	DOSE: .019 G/KG 72LF	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Carcinoma	

[Hepatocellular Carcinoma TGLS = 3-2.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Necrosis	Minimal
Liver		Hepatocellular Adenoma	

[Hepatocellular Adenoma TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 85

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Duodenum, Lamina Propria

Pigmentation

Minimal

Liver

Renal Tubule

Inflammation

Chronic, Minimal

Skin

Kupffer Cell

Pigmentation

Minimal

Subcut Tiss

Inflammation

Chronic, Moderate

Note: [SARCOMA] TGLs = 3-9

Stomach

Forestomach

Sarcoma

Minimal

Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86	TRT#: 5	SEX: Female	DAY ON TEST: 704
	DOSE: .019 G/KG 72LF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Liver	Kupffer Cell	Lymphoma Malignant Mixed Pigmentation	Minimal
Note: [LYMPH MAL MIXD] TGLs = 10-2			
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 5-1.1			
Note: [LYMPH MAL MIXD] TGLs = 2-5			
Note: [LYMPH MAL MIXD] TGLs = 6-5			
[Lymphoma Malignant Mixed TGLS = 9-5.1]			
[Lymphoma Malignant Mixed TGLS = 7-9]			
[Lymphoma Malignant Mixed TGLS = 8-10]			
Spleen		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 3-3,4-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 87	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

MISSING

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Spleen		Lymphoma Malignant Lymphocytic	

[Lymphoma Malignant Lymphocytic TGLS = 3-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 88

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal Gland
Note: PHEOCHROM BGN TGLs = 3-7

Medulla

Pheochromocytoma Benign

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Renal Tubule

Regeneration

Minimal

Liver

Kupffer Cell

Pigmentation

Minimal

Lymph Node

Mesenteric

Pigmentation

Minimal

Ovary

Cyst

[Cyst TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Renal Tubule

Regeneration

Minimal

Liver

Kupffer Cell

Pigmentation

Minimal

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 91 **TRT#:** 5 **SEX:** Female **DAY ON TEST:** 660
DOSE: .019 G/KG 72LF **DISP:** Moribund **HISTO:**

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Lumbar	Hematopoietic Cell Proliferation	Marked
	Mediastinal	Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 6-1			
Note: HEMA CELL PROL TGLs = 9-11,10-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 11-7			
Skin		Fibrosarcoma	Multiple
Note: FIBROSARC TGLs = 2-10,3-10			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 5-3			
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Ulcer	Moderate
Thyroid Gland	Follicular Cel	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 7-5			
Tissue NOS		Fibrosarcoma	
Note: FIBROSARC TGLs = 4-9			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 92

TRT#: 5

SEX: Female

DAY ON TEST: 256

DOSE: .019 G/KG 72LF

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone
Heart
Intestine Small - Ileum
Liver
Nose
Salivary Glands
Stomach - Glandular
Uterus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lung
Pancreas
Skin
Thyroid Gland

MISSING

Gallbladder

Intestine Large - Rectum

Thymus

OBSERVATIONS

Ovary

Teratoma

Note: TERATOMA TGLs = 1-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 93	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Metaplasia	Mild
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Mild
	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-9			
Spleen		Lymphoma Malignant Mixed	
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Ulcer	Mild
Note: ACANTHOSIS TGLs = 5-3			
Thymus		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Regeneration	Minimal
Lung	Alveolar Epith	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 2-1]			
Ovary		Cyst	
[Cyst TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 96

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Renal Tubule

Regeneration

Mild

Liver

Kupffer Cell

Hepatocellular Carcinoma

Pigmentation

Minimal

[Hepatocellular Carcinoma TGLS = 4-2]

Spleen

Hematopoietic Cell Proliferation

Marked

Hyperplasia

Lymphoid, Marked

[Hematopoietic Cell Proliferation TGLS = 3-3]

[Hyperplasia TGLS = 3-3]

Stomach

Forestomach

Squamous Cell Papilloma

[Squamous Cell Papilloma TGLS = 5-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney

Duodenum, Lamina Propria

Pigmentation
Necrosis

Minimal
Mild

Renal Tubule

Pigmentation

Minimal

Renal Tubule

Regeneration

Mild

Liver

Kupffer Cell

Pigmentation

Minimal

Uterus

Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99

TRT#: 5

SEX: Female

DAY ON TEST: 700

DOSE: .019 G/KG 72LF

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Kidney

Skin

MISSING

Adrenal Gland - Medulla

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Liver

Kupffer Cell

Hepatocellular Adenoma

Pigmentation

Minimal

Note: HEPATOCLR ADEN TGLs = 9-2,12-2

Lung

Pleura

Inflammation

Suppurative, Moderate

Note: INFLAMMATION TGLs = 3-1

Lymph Node

Mesenteric

Hyperplasia

Plasma Cell, Marked

Mesenteric

Inflammation

Suppurative, Mild

Note: HYPERPLASIA TGLs = 8-5

Ovary

Cyst

Inflammation

Suppurative, Marked

Note: INFLAMMATION TGLs = 5-4

Note: CYST TGLs = 6-4

Spleen

Hematopoietic Cell Proliferation

Marked

Note: HEMA CELL PROL TGLs = 7-3

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

Endometrium

Inflammation

Suppurative, Mild

Note: HYPERPLASIA TGLs = 4-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100	TRT#: 5	SEX: Female	DAY ON TEST: 619
	DOSE: .019 G/KG 72LF	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Gallbladder	Thymus	Urinary Bladder	
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3-2.1			
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 2-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102

TRT#: 5

SEX: Female

DAY ON TEST: 471

DOSE: .019 G/KG 72LF

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Adrenal Gland - Medulla	Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Inflammation	Marked
Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Gallbladder	Serosa	Inflammation	Suppurative, Moderate
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Note: PIGMENT TGLs = 4			
Kidney		Inflammation	Chronic, Minimal
Mesentery		Inflammation	Suppurative, Marked
Ovary	Periovarn Tiss	Inflammation	Chronic, Marked
		Inflammation	Suppurative, Moderate
Oviduct		Inflammation	Suppurative, Moderate
Skeletal Muscle	Abdominal	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 9			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MANY BACILLI IN SUPPURATIVE LESIONS --- TYPICAL
Animal Note: OF KLEBSIELLA INFECTION.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 103

TRT#: 5

SEX: Female

DAY ON TEST: 337

DOSE: .019 G/KG 72LF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mesenteric	Mammary Gland	Ovary
Oviduct	Pancreas	Parathyroid Gland	Pituitary Gland
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

MISSING

Urinary Bladder

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA TGLs = 3			
Nose	Turbinate	Inflammation	Suppurative, Mild
	Turbinate	Inflammation	Chronic, Mild
Salivary Glands		Inflammation	Chronic, Minimal
Skin	Vulva	Squamous Cell Carcinoma	Noninvasive
Note: SQUAM CEL CARC TGLs = 2			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 4			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 5

SEX: Female

DAY ON TEST: 330

DOSE: .019 G/KG 72LF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Parathyroid Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Ovary
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Lung
Oviduct
Skin
Thymus
Uterus

Bone Marrow
Heart
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Spleen
Thyroid Gland

MISSING

Mammary Gland

OBSERVATIONS

Intestine Small
Kidney

Duodenum, Lamina Propria

Pigmentation
Inflammation
Metaplasia
Regeneration
Pigmentation
Inflammation

Minimal
Chronic, Moderate
Minimal
Minimal
Minimal
Chronic, Mild

Liver
Salivary Glands

Renal Tubule
Kupffer Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 105	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-1]		
Lymph Node	Mesenteric	Lymphoma Malignant Histiocytic	
	Renal	Lymphoma Malignant Histiocytic	
	Note: LYMPH MAL HIST TGLs = 6-9		
	[Lymphoma Malignant Histiocytic TGLS = 5-5]		
Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 4-3]		
Uterus	Endometrium	Hemorrhage	Moderate
	[Hemorrhage TGLS = 3-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 107

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Stomach - Glandular

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Liver	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 8-10			
Note: [LYMPH MAL MIXD] TGLs = 7-9			
Note: [LYMPH MAL MIXD] TGLs = 2-1			
Note: [LYMPH MAL MIXD] TGLs = 6-5			
Pancreas		Atrophy	Marked
	Duct, Interlobular	Ectasia	Marked
[Atrophy TGLS = 5-5]			
Spleen		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-3			
Stomach	Forestomach	Acanthosis	Marked
Note: ACANTHOSIS TGLs = 9-3			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Intestine Small - Duodenum

OBSERVATIONS

Liver

Kupffer Cell

Pigmentation

Minimal

Lymph Node

Mesenteric

Pigmentation

Minimal

Uterus

Endometrium

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 3-4,3-4.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 109

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Renal Tubule

Regeneration

Minimal

Liver

Kupffer Cell

Pigmentation

Minimal

Mammary Gland

Carcinoma

Note: CARCINOMA TGLs = 2-9,3-9

Uterus

Endometrium

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 4-4.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110

TRT#: 5

SEX: Female

DAY ON TEST: 631

DOSE: .019 G/KG 72LF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pituitary Gland
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
Liver	Kupffer Cell	Pigmentation	Minimal
Pancreas		Inflammation	Chronic, Mild
Salivary Glands		Inflammation	Chronic, Mild
Skin		Fibrosarcoma	
Note: FIBROSARC	TGLs = 2-9		
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Inflammation	Acute, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 111

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Harderian Gland

Adenoma

Note: ADENOMA TGLs = 7-6

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Lymphoma Malignant Lymphocytic

[Lymphoma Malignant Lymphocytic TGLS = 2-3,3-3,6-3]

Liver

Hemangioma

Kupffer Cell

Pigmentation

Minimal

Note: [HEMANGIOMA] TGLs = 5-2

Spleen

Lymphoma Malignant Lymphocytic

[Lymphoma Malignant Lymphocytic TGLS = 4-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 112

TRT#: 5

SEX: Female

DAY ON TEST: 330

DOSE: .019 G/KG 72LF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Ovary	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Mammary Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Inflammation	Chronic, Mild
Liver	Kupffer Cell	Pigmentation	Minimal
Nose	Mucosa	Inflammation	Chronic, Marked
		Inflammation	Suppurative, Moderate
Salivary Glands		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Skin

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Liver	Kupffer Cell	Hematopoietic Cell Proliferation	Mild
Lung	[Alveolar/Bronchiolar Carcinoma TGLS = 2-1]	Pigmentation	Minimal
Lymph Node	Mesenteric	Alveolar/Bronchiolar Carcinoma	
Note: LYMPH MAL HIST TGLs = 5-5.1		Lymphoma Malignant Histiocytic	
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 4-3			
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 3-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 114

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Skin

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Necrosis

Minimal

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: .019 G/KG 72LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung	Skin
------	------

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Minimal
Ovary		Cyst	
[Cyst TGLS = 3-4]			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116

TRT#: 5

SEX: Female

DAY ON TEST: 620

DOSE: .019 G/KG 72LF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Pituitary Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Lung		Inflammation	Chronic, Mild
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 4-3			
Stomach	Forestomach	Acanthosis	Marked
Note: ACANTHOSIS TGLs = 3-3			
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Minimal

Kidney

Renal Tubule

Regeneration

Minimal

Liver

Kupffer Cell

Lymphoma Malignant Histiocytic

Pigmentation

Minimal

Lymph Node

Mandibular

Lymphoma Malignant Histiocytic

Mesenteric

Lymphoma Malignant Histiocytic

Note: LYMPH MAL HIST TGLs = 1-5

[Lymphoma Malignant Histiocytic TGLS = 4-5]

Spleen

Lymphoma Malignant Histiocytic

Note: LYMPH MAL HIST TGLs = 2-3.1,3-3.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .019 G/KG 72LF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Intestine Small

Duodenum, Lamina Propria

Pigmentation

Mild

Kidney

Renal Tubule

Regeneration

Minimal

Liver

Kupffer Cell

Basophilic Focus

Mild

Lung

Pigmentation

Minimal

[Alveolar/Bronchiolar Adenoma TGLS = 3-1]

Alveolar/Bronchiolar Adenoma

Ovary

Cyst

Note: CYST TGLs = 2-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120

TRT#: 5

SEX: Female

DAY ON TEST: 410

DOSE: .019 G/KG 72LF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mesenteric	Mammary Gland	Ovary	Oviduct
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Minimal
Nose		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 121

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

DISP: Terminal Sacrifice

HISTO:

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Small - Duodenum

OBSERVATIONS

Bone Marrow		Myelofibrosis	Moderate
Kidney		Inflammation	Chronic, Mild
	Papilla	Mineralization	Minimal
	Renal Tubule	Necrosis	Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Congestion	Marked
	Mesenteric	Pigmentation	Mild
Ovary		Luteoma	
Uterus		Hemangioma	
	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Inflammation	Suppurative, Moderate

Note: HYPERPLASIA TGLs = 2-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Moderate
	Papilla	Mineralization	Mild
		Necrosis	Moderate
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
[Inflammation TGLS = 2-3]			
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Pigmentation	Minimal
Nose	Mucosa	Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Moderate

Note: [ACANTHOSIS] TGLs = 3-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Diaminophenol dihydrochloride

CAS Number: 137-09-7

Date Report Requested: 10/23/2014

Time Report Requested: 05:15:03

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 123

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular

Bone
Gallbladder
Intestine Large - Rectum
Lung
Ovary
Skin
Thymus

Bone Marrow
Heart
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Spleen
Thyroid Gland

MISSING

Parathyroid Gland

OBSERVATIONS

Intestine Small
Kidney

Duodenum, Lamina Propria
Renal Tubule

Pigmentation
Dilatation

Moderate
Mild

Liver
Urinary Bladder
Uterus

Renal Tubule
Renal Tubule
Kupffer Cell
Submucosa

Inflammation
Pigmentation
Regeneration
Pigmentation
Inflammation
Hydrometra

Chronic, Mild
Minimal
Minimal
Mild
Chronic, Mild
Marked

Note: HYDROMETRA TGLs = 2-4.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

DISP: Terminal Sacrifice

HISTO:

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Adrenal Gland - Medulla	Parathyroid Gland
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Moderate
Kidney	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Mild
Lung		Inflammation	Chronic, Mild
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 5-5			
Ovary		Cyst	
Note: CYST TGLs = 1-4			
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 4-3.1			
Thymus		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 126

TRT#: 6

SEX: Female

DAY ON TEST: 531

DOSE: .038 G/KG 72HF

DISP: Moribund

HISTO:

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Moderate
		Necrosis	Moderate
	Renal Tubule	Pigmentation	Marked
	Renal Tubule	Regeneration	Moderate
Note: PIGMENT TGLs = 3-3			
Note: INFLAMMATION TGLs = 3-3			
Liver		Necrosis	Mild
	Kupffer Cell	Pigmentation	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Ovary	Pancreas	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Necrosis	Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver		Lymphoma Malignant Mixed	
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 2-3			
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 128	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: .038 G/KG 72HF	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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Marked

Note: HYPERPLASIA TGLs = 2-4,3-4

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 130	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: .038 G/KG 72HF	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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Moderate
Kidney		Inflammation	Chronic, Mild
	Papilla	Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Pancreatic	Pigmentation	Marked
Note: PIGMENT	TGLs = 4-5		
Ovary		Cyst	
Note: CYST	TGLs = 3-4		
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Salivary Glands		Inflammation	Chronic, Mild
Uterus		Hydrometra	Marked
Note: HYDROMETRA	TGLs = 2-4.1		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131

TRT#: 6

SEX: Female

DAY ON TEST: 340

DOSE: .038 G/KG 72HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

MISSING

Lymph Node - Mesenteric	Pituitary Gland	Urinary Bladder
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OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Brain	Cerebellum	Abscess	Multiple, Marked
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Cortex	Abscess	Single, Moderate
		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Minimal
Liver		Abscess	Single, Moderate
		Inflammation	Chronic, Mild
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Nose	Turbinate	Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132	TRT#: 6	SEX: Female	DAY ON TEST: 443
	DOSE: .038 G/KG 72HF	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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Ovary	Oviduct	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Uterus	

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Kupffer Cell	Pigmentation	Marked
Note: PIGMENT THAT IS IRON-NEGATIVE. A FEW KUPFFER			
Note: CELLS HAVE SMALL AMOUNTS OF HEMOSIDERIN.			
Note: KUPFFER CELLS ARE DISTENDED WITH BROWN, GRANULAR			
Nose	Nasolacrim Dct	Inflammation	Chronic, Minimal
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 134

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Moderate
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 136

TRT#: 6

SEX: Female

DAY ON TEST: 592

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Moderate
Lymph Node	Pancreatic	Pigmentation	Mild
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS	TGLs = 3-5,3-5.1,3-9		
Nose	Turbinate	Inflammation	Suppurative, Mild
Ovary	Periovarn Tiss	Inflammation	Chronic, Moderate
	Periovarn Tiss	Necrosis	Moderate
Pancreas	Duct	Cyst	
		Inflammation	Chronic, Moderate
Note: CYST	TGLs = 7-5.1		
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 8-3		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Skin
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Angiectasis	Moderate
		Clear Cell Focus	
	Kupffer Cell	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Lymphoma Malignant Mixed	
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 138	TRT#: 6	SEX: Female	DAY ON TEST: 245
	DOSE: .038 G/KG 72HF	DISP: Dead	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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urethra	Urinary Bladder	Uterus

MISSING

Gallbladder	Nose	Parathyroid Gland	Salivary Glands
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AUTO PRECLUDES DIAG.

Thymus

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Mineralization	Mild
	Renal Tubule	Pigmentation	Mild
Note: [MINERALIZATION] TGLs = 2-4			
Liver		Fatty Change	Marked
	Kupffer Cell	Pigmentation	Minimal
Note: FATTY CHANGE TGLs = 4-3			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140

TRT#: 6

SEX: Female

DAY ON TEST: 516

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Moderate
Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Marked
Lymph Node	Pancreatic	Pigmentation	Minimal
Nose	Mucosa	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 141	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: .038 G/KG 72HF	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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Pancreas	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

MISSING

Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver		Inflammation	Chronic, Mild
	Kupffer Cell	Pigmentation	Mild
Ovary		Cyst	
		Inflammation	Chronic, Mild
Salivary Glands	Artery	Inflammation	Necrotizing, Chronic, Marked
Urinary Bladder	Artery, Serosa	Inflammation	Chronic, Marked
	Submucosa	Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

MISSING

Esophagus	Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
Liver		Inflammation	Chronic, Mild
	Kupffer Cell	Pigmentation	Mild
Salivary Glands		Inflammation	Chronic, Minimal
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144	TRT#: 6	SEX: Female	DAY ON TEST: 410
	DOSE: .038 G/KG 72HF	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 - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Uterus	

MISSING

Intestine Small - Ileum	Pituitary Gland	Urinary Bladder
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Lymphoma Malignant Undifferentiated Cell Type	
	Kupffer Cell	Pigmentation	Mild
Lung		Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 4,5,6,7			
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

DISP: Terminal Sacrifice

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Ovary	Pancreas
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Gland - Medulla	Intestine Large - Rectum	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Lymphocytic	
	Kupffer Cell	Pigmentation	Mild
	Mesenteric	Lymphoma Malignant Lymphocytic	
Lymph Node	Pars Distalis	Adenoma	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen			
Note: LYMPH MAL LYMP	TGLs = 4-3		
Uterus		Hydrometra	Moderate
Note: HYDROMETRA	TGLs = 3-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 146 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 730
DOSE: .038 G/KG 72HF **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Glandular
Thyroid Gland	Trachea	Uterus	

MISSING

Adrenal Gland - Medulla	Lymph Node - Mesenteric	Mammary Gland	Thymus
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Inflammation	Chronic, Minimal
		Necrosis	Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Mild
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Pancreatic	Pigmentation	Moderate
Mesentery		Inflammation	Chronic Active, Moderate
Pancreas		Inflammation	Chronic, Moderate
Note: INFLAMMATION	TGLs = 1-5,1-5.1		
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Inflammation	Acute, Focal, Mild
Note: ACANTHOSIS	TGLs = 2-3.1		
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147

TRT#: 6

SEX: Female

DAY ON TEST: 288

DOSE: .038 G/KG 72HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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 - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

MISSING

Gallbladder	Ovary	Uterus
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OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Kidney		Inflammation	Chronic, Marked
		Necrosis	Moderate
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Moderate
Note: INFLAMMATION TGLs = 4			
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Marked
Note: HYPERPLASIA TGLs = 1			
Nose	Mucosa	Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 2			
Urinary Bladder	Submucosa	Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 3			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 148

TRT#: 6

SEX: Female

DAY ON TEST: 327

DOSE: .038 G/KG 72HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Lung
Pituitary Gland
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Gallbladder
Intestine Small - Ileum
Mammary Gland
Salivary Glands
Thymus

Bone
Heart
Intestine Small - Jejunum
Oviduct
Skin
Thyroid Gland

Brain
Intestine Large - Cecum
Islets, Pancreatic
Pancreas
Stomach - Forestomach
Trachea

MISSING

Intestine Large - Rectum

Ovary

Parathyroid Gland

Urinary Bladder

OBSERVATIONS

Bone Marrow
Intestine Small
Kidney

Myeloid Cell
Duodenum, Lamina Propria

Renal Tubule
Renal Tubule

Liver
Lymph Node
Nose

Kupffer Cell
Mesenteric
Mucosa

Spleen

Hyperplasia
Pigmentation
Inflammation
Pigmentation
Regeneration
Pigmentation
Inflammation
Inflammation
Hematopoietic Cell Proliferation

Marked
Mild
Chronic, Mild
Mild
Minimal
Mild
Minimal
Suppurative, Mild
Suppurative, Moderate
Marked

Note: HEMA CELL PROL TGLs = 1

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 327
DOSE: .038 G/KG 72HF **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Oviduct	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea		

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Brain	Meninges	Inflammation	Acute, Marked
Heart	Myocardium	Inflammation	Acute, Marked
Intestine Small	Duodenum, Lamina Propria	Congestion	Diffuse, Marked
	Jejunum, Lamina Propria	Congestion	Diffuse, Marked
	Duodenum, Lamina Propria	Pigmentation	Mild
Note: CONGESTION TGLs = 3			
Note: CONGESTION TGLs = 4			
Kidney		Inflammation	Acute, Moderate
	Renal Tubule	Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Mesenteric	Pigmentation	Minimal
Ovary	Bilateral	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1			
Pancreas	Interlobular	Inflammation	Acute, Moderate
Spleen		Hematopoietic Cell Proliferation	Marked
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild
Uterus	Endometrium	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

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Animal Note: MASSIVE NUMBERS OF BACILLI. LESIONS ARE CONSIDERABLE
Animal Note: AND SUPPURATIVE INFLAMMATION ARE ACCOMPANIED BY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149

TRT#: 6

SEX: Female

DAY ON TEST: 327

DOSE: .038 G/KG 72HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: HEART, BRAIN, OVARY, PANCREAS -- AREAS OF ACUTE

Animal Note: TENT WITH KLEBSIELLA INFECTION.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 150

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

MISSING

Esophagus	Mammary Gland	Ovary
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
	Kupffer Cell	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-7		
Salivary Glands		Inflammation	Chronic, Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Urinary Bladder	Submucosa	Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 2-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 151

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

DISP: Terminal Sacrifice

HISTO:

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Adrenal Gland - Medulla

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Salivary Glands		Inflammation	Chronic, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 152	TRT#: 6 DOSE: .038 G/KG 72HF	SEX: Female DISP: Moribund	DAY ON TEST: 659 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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Pituitary Gland	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Adrenal Gland - Medulla	Parathyroid Gland		
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Moderate
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Moderate
Liver		Hematopoietic Cell Proliferation	Moderate
	Kupffer Cell	Pigmentation	Moderate
Mesentery		Inflammation	Chronic, Moderate
Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 3-4.1			
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 2-3			
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Inflammation	Chronic, Moderate
Note: ACANTHOSIS TGLs = 4-3.1			
Uterus	Endometrium	Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 153

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Nose

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-7			
Spleen		Hyperplasia	Lymphoid, Moderate
		Metaplasia	Mild
Note: METAPL IS OSSEUS METAPLASIA			
Note: METAPL TGLs = 4-3.1			
Stomach	Forestomach	Acanthosis	Moderate
Note: ACANTHOSIS TGLs = 2-3			
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 154

TRT#: 6

SEX: Female

DAY ON TEST: 662

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hematopoietic Cell Proliferation	Marked
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Marked
Note: HYPERPLASIA TGLs = 4-2			
Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 3-4.1			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 2-3			
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Inflammation	Chronic, Minimal
Uterus	Endometrium	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 155

TRT#: 6

SEX: Female

DAY ON TEST: 614

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Nose

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
	Kupffer Cell	Pigmentation	Moderate
Mesentery		Inflammation	Suppurative, Mild
Ovary	Periovarn Tiss	Inflammation	Suppurative, Moderate
		Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 3-4		
Pancreas	Interlobular, Serosa	Inflammation	Suppurative, Mild
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 156	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: .038 G/KG 72HF	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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Moderate
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Moderate
Lung		Alveolar/Bronchiolar Adenoma	
Pancreas		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157

TRT#: 6

SEX: Female

DAY ON TEST: 479

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Oviduct	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Moderate
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Pigmentation	Moderate
Nose	Mucosa	Inflammation	Suppurative, Moderate
Ovary	Follicle	Cyst	
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3			
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL TGLs = 2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 159

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Parathyroid Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Mild
Ovary	Periovarn Tiss	Inflammation	Chronic, Moderate
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Inflammation	Suppurative, Marked

Note: INFLAMMATION TGLs = 3-4

Note: HYPERPLASIA TGLs = 3-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 160

TRT#: 6

SEX: Female

DAY ON TEST: 662

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Ovary	Pancreas	Pituitary Gland
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
		Metaplasia	Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic, Mild
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Lymphoid, Marked
Note: [HYPERPLASIA] TGLs = 4-2			
Salivary Glands		Inflammation	Chronic, Mild
Skin		Fibrosarcoma	
Note: FIBROSARC TGLs = 2-9			
Spleen		Hyperplasia	Lymphoid, Moderate
Note: [HYPERPLASIA] TGLs = 3-3			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 162

TRT#: 6

SEX: Female

DAY ON TEST: 688

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Amyloid Deposition	Marked
	Renal Tubule	Hyperplasia	Marked
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Moderate
Note: AMYLOID DEP TGLs = 6-3			
Liver	Kupffer Cell	Pigmentation	Mild
Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 2-4.1			
Pancreas	Acinus	Atrophy	Moderate
Note: ATROPHY TGLs = 3-5			
Spleen		Hyperplasia	Lymphoid, Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 163

TRT#: 6

SEX: Female

DAY ON TEST: 288

DOSE: .038 G/KG 72HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Islets, Pancreatic
Ovary
Salivary Glands
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Lung
Pancreas
Skin
Thymus

Bone
Heart
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

MISSING

Gallbladder

OBSERVATIONS

Intestine Small
Kidney
Liver
Nose
Urinary Bladder

Duodenum, Lamina Propria
Renal Tubule
Kupffer Cell
Mucosa
Submucosa

Pigmentation
Pigmentation
Pigmentation
Inflammation
Inflammation

Mild
Mild
Mild
Suppurative, Moderate
Chronic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 164

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Pituitary Gland	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Marked
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Mild
Note: HEPATOCLR ADEN TGLs = 4-2			
Lung		Alveolar/Bronchiolar Adenoma	
Ovary		Cyst	
	Periovarn Tiss	Inflammation	Chronic, Marked
Note: CYST TGLs = 3-4			
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Ulcer	Mild
Note: [ACANTHOSIS] TGLs = 5-3			
Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 166

TRT#: 6

SEX: Female

DAY ON TEST: 430

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Uterus	

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Pigmentation	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Moderate
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Ulcer	Mild
Note: [ACANTHOSIS] TGLs = 7			
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 167

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Moderate
Lymph Node	Mesenteric	Pigmentation	Mild
Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-4			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 2-3			
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Inflammation	Acute, Focal, Marked
Note: ACANTHOSIS TGLs = 3-3			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 168

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Minimal
Kidney		Lymphoma Malignant Mixed	
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 5-5			
Ovary		Cyst	
Salivary Glands		Lymphoma Malignant Mixed	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-3			
Stomach	Forestomach	Squamous Cell Papilloma	
Thymus		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Inflammation	Suppurative, Mild
Note: HYPERPLASIA TGLs = 3-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 168

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 169

TRT#: 6

SEX: Female

DAY ON TEST: 661

DOSE: .038 G/KG 72HF

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Heart	Pericardium	Inflammation	Suppurative, Mild
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Moderate
Lung	Mediastinum	Inflammation	Suppurative, Moderate
	Pleura	Inflammation	Suppurative, Moderate
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Hyperplasia	Plasma Cell, Marked
	Renal	Hyperplasia	Plasma Cell, Marked
Note: HYPERPLASIA	TGLs = 6-1		
Note: HYPERPLASIA	TGLs = 8-4.1		
Note: HYPERPLASIA	TGLs = 7-9		
Ovary	Bilateral	Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 2-4,3-4.1		
Pancreas		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 5-3		
Uterus	Endometrium	Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 169

TRT#: 6

SEX: Female

DAY ON TEST: 661

DOSE: .038 G/KG 72HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 4-4

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 170

TRT#: 6

SEX: Female

DAY ON TEST: 667

DOSE: .038 G/KG 72HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Pancreas	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Ovary	Parathyroid Gland	Thymus
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OBSERVATIONS

Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 5-9		
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Lymphoma Malignant Mixed	
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Minimal
Liver		Lymphoma Malignant Mixed	
	Kupffer Cell	Pigmentation	Moderate
Note: [LYMPH MAL MIXD]	TGLs = 4-2		
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD]	TGLs = 3-5		
Oviduct		Inflammation	Suppurative, Moderate
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 171	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: .038 G/KG 72HF	DISP: Terminal Sacrifice	HISTO:

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Mild
Spleen		Pigmentation	Mild
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Inflammation	Chronic, Moderate
Note: ACANTHOSIS	TGLs = 5-3		
Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 172

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

DISP: Terminal Sacrifice

HISTO:

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Pituitary Gland	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Uterus

MISSING

Adrenal Gland - Medulla	Parathyroid Gland
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Moderate
Ovary		Cyst	
Pancreas		Inflammation	Chronic, Mild
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-3			
Stomach	Forestomach	Acanthosis	Marked
Note: ACANTHOSIS TGLs = 4-3			
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 173

TRT#: 6

SEX: Female

DAY ON TEST: 441

DOSE: .038 G/KG 72HF

DISP: Dead

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 - Ileum	Intestine Small - Jejunum
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Oviduct	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Intestine Small - Duodenum	Islets, Pancreatic	Pancreas	Thymus
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AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Kidney	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lung		Congestion	Moderate
[Congestion TGLS = 2]			
Salivary Glands		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 174

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

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 Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Rectum	Mammary Gland	Ovary	Pituitary Gland
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OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
		Necrosis	Minimal
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver	Kupffer Cell	Pigmentation	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Congestion	Mild
	Mesenteric	Pigmentation	Moderate
Note: CONGESTION TGLs = 3-5			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 4-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 175

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Ovary	Pancreas	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Thymus
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Minimal
		Necrosis	Mild
	Renal Tubule	Pigmentation	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mesenteric	Pigmentation	Moderate
Salivary Glands		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked

Note: HYPERPLASIA TGLs = 4-4

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 177

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Pigmentation	Mild
Lung	Pleura	Inflammation	Chronic, Mild
Lymph Node	Pancreatic	Pigmentation	Marked
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Ulcer	Moderate
Note: ACANTHOSIS	TGLs = 3-3		
Note: ULCER	TGLs = 3-3		
Urinary Bladder	Submucosa	Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 2-4		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 178

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

DISP: Terminal Sacrifice

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Ovary

OBSERVATIONS

Heart	Artery	Inflammation	Chronic, Moderate
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
Liver		Inflammation	Chronic, Mild
	Kupffer Cell	Pigmentation	Mild
Lung	Mediastinum	Hemangioma	
Note: HEMANGIOMA TGLs = 1-9			
Pancreas		Inflammation	Chronic, Minimal
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 3-3			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-4			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 179

TRT#: 6

SEX: Female

DAY ON TEST: 667

DOSE: .038 G/KG 72HF

DISP: Moribund

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 Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Rectum	Parathyroid Gland
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OBSERVATIONS

Brain	Meninges	Inflammation	Chronic, Marked
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Mild
	Kupffer Cell	Pigmentation	Moderate
Nose	Mucosa	Inflammation	Suppurative, Moderate
Uterus	Muscularis	Inflammation	Suppurative, Moderate

Note: INFLAMMATION TGLs = 3-4

PRIMARY CAUSE OF DEATH

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Experiment Number: 05043-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminophenol dihydrochloride
CAS Number: 137-09-7

Date Report Requested: 10/23/2014
Time Report Requested: 05:15:03
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 180

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: .038 G/KG 72HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	
Note: HYPEROSTOSIS TGLs = 4-9			
Intestine Small	Duodenum, Lamina Propria	Pigmentation	Mild
Kidney		Inflammation	Chronic, Mild
		Necrosis	Mild
	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	
	Kupffer Cell	Pigmentation	Mild
[Hepatocellular Adenoma TGLs = 6-2]			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 7-7			
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 5-3			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE