

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

C Number: C56280B
Lock Date: 02/19/1992
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 08/26/1992

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-6.1]			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 890422
---------------------	--------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
[Angiectasis TGLS = 9-2.2]			
[Hepatocellular Adenoma TGLS = 5-2,6-2,7-2.1,8-2.1]			
Lymph Node	Pancreatic	Hyperplasia	Marked
[Hyperplasia TGLS = 3-5]			
Mesentery		Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 4-11]			
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 2-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890422

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 890423
---------------------	--------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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	Renal Tubule	Mineralization	Minimal
		Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Moderate
[Dilatation TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 4	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 454 HISTO: 88186004
---------------------	--------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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	* Spleen
-----------------	----------

OBSERVATIONS

* Kidney	Mineralization	Minimal
* Nose	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH	-
------------------------	---

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 5	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 890424
---------------------	--------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|--------------------------|--------------|------------------------------|--------------------|
| * Intestine Large, Cecum | | Hyperplasia | Lymphoid, Moderate |
| * Kidney | Renal Tubule | Regeneration | Minimal |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| * Nose | | Inflammation | Chronic, Mild |
| Preputial Gland | | Cyst | |
| | | Inflammation | Acute, Moderate |
| | | Inflammation | Chronic, Moderate |

[Cyst TGLS = 1-10]

PRIMARY CAUSE OF DEATH	-
-------------------------------	---

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 6	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 455 HISTO: 88186006
---------------------	--------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Minimal
* Liver	Fatty Change	Mild
	Hepatocellular Adenoma	

[Hepatocellular Adenoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 639

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 890425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* 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
-----------------	----------

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 5-6.1]		Hyperplasia	Lymphoid, Moderate
* Liver [Hepatocellular Carcinoma TGLS = 2-2+2.1]		Hepatocellular Carcinoma	
Lymph Node [Hyperplasia TGLS = 6-5.2,4-5.1]	Pancreatic	Hyperplasia	Mild
* Lymph Node, Mesenteric [Hyperplasia TGLS = 6-5.2,4-5.1]		Hyperplasia	Mild
* Nose Preputial Gland [Cyst TGLS = 1-10]		Inflammation Cyst	Chronic, Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 3-3]		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 274 HISTO: 872260
---------------------	--------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 9	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 890426
---------------------	--------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
* Kidney	Mineralization	Minimal
* Liver	Fatty Change	Minimal
	Hepatocellular Adenoma	
	Necrosis	Focal, Minimal
[Fatty Change TGLS = 2-2]		
[Hepatocellular Adenoma TGLS = 1-2]		
[Necrosis TGLS = 4-2.1]		
* Lung	Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 3-1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Dilatation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 679

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 890427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

OBSERVATIONS

* Brain	Mineralization	Mild
* Gallbladder		
Note: TISSUE SUBMITTED AS GB IS DILATED BLOOD VESSEL		
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-6+6.1]		
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Glomerulosclerosis	Marked
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-2]		
[Hepatocellular Carcinoma TGLS = 2-2]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
	Inflammation	Chronic, Moderate
	Inflammation	Acute, Moderate
[Cyst TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 454

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Prostate
* Spleen
* Thymus

* Bone
* Gallbladder
* Intestine Large, Rectum
* Liver
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Lung
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Brain
* Islets, Pancreatic
* Kidney
* Nose

Renal Tubule

Mineralization
Hyperplasia
Regeneration
Inflammation

Mild
Minimal
Mild
Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 455
	DOSE: 0 PPM	DISP: Scheduled Sacrifice	HISTO: 88186012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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
-----------------	---------------------

OBSERVATIONS

* Brain	Mineralization	Minimal
* Nose	Inflammation	Chronic, Mild
* Thymus	Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 455

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain	Mineralization	Mild
* Nose	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6+6.1]			
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 3-1,4-1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 537 HISTO: 890430
----------------------	--------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Rectum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Gallbladder	* Mammary Gland	* Pituitary Gland
---------------	-----------------	-------------------

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Brain	Mineralization	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hepatocellular Carcinoma	
	Necrosis	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 2-2,1-2.1]		
* Lung	Alveolar/Bronchiolar Adenoma	
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: STOMACH TOO AUTOLYZED TO EXCLUDE TGL 3

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 4-6.1]	Hyperplasia	Lymphoid, Mild
* Lung [Angiectasis TGLS = 3-1.1] [Hemorrhage TGLS = 2-1]	Angiectasis Hemorrhage	Mild Focal, Mild
* Nose Preputial Gland [Cyst TGLS = 1-10]	Inflammation Cyst Dilatation	Chronic, Mild Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-6.1]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Marked
		Inflammation	Chronic, Marked
[Cyst TGLS = 1-10]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-12]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2.1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Chronic, Marked
[Cyst TGLS = 1-10]			
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Brain	Mineralization	Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
* Kidney	Mineralization	Minimal
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
	Dilatation	Moderate

[Cyst TGLS = 1-10]

[Dilatation TGLS = 2-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Heart	Ventricle	Hypertrophy	Moderate
[Hypertrophy TGLS = 2-2]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Angiectasis	Minimal
		Fatty Change	Mild
[Angiectasis TGLS = 3-2.1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Marked
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 89-0436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization Regeneration	Moderate Mild
[Mineralization TGLS = 5-3]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]		Inflammation	Chronic, Moderate
* Stomach, Glandular		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Lung		Hemorrhage	Focal, Mild
Note: HEMORRHAGE CONSISTENT WITH TERMINAL TRAUMA			
[Hemorrhage TGLS = 4-1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			
* Spleen		Fibrosis	Focal, Mild
[Fibrosis TGLS = 5-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Brain	Mineralization	Mild
* Lymph Node, Mesenteric [Lymphoma Malignant Mixed TGLS = 3-5]	Lymphoma Malignant Mixed	
* Nose Preputial Gland [Cyst TGLS = 1-10]	Inflammation Cyst	Chronic, Mild
* Spleen [Depletion Lymphoid TGLS = 2-3]	Depletion Lymphoid	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Moderate
* Epididymis		Inflammation	Chronic, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		[Clear Cell Focus TGLS = 2-2]	
		[Eosinophilic Focus TGLS = 3-2]	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		[Cyst TGLS = 1-10]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-2]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Moderate
* Seminal Vesicle		Dilatation	Mild
	[Dilatation TGLS = 1-4.1]		
* Spleen		Fibrosis	Focal, Moderate
	[Fibrosis TGLS = 3-3]		
* Urinary Bladder	Perivascular	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 275

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Kidney
* Lymph Node, Mesenteric
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Liver
* Pancreas
* Seminal Vesicle
* Stomach, Glandular
* Trachea

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lung
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mandibular
* Prostate
* Spleen
* Thymus

MISSING

* Mammary Gland

* Parathyroid Gland

OBSERVATIONS

* Nose

Inflammation

Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
[Clear Cell Focus TGLS = 3-2]			
[Eosinophilic Focus TGLS = 2-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 455

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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

* Intestine Small, Duodenum	* Mammary Gland
-----------------------------	-----------------

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Mineralization	Minimal
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Dilatation	Moderate

[Dilatation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 275 HISTO: 872263
----------------------	--------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* 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
-----------------	---------------------

OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 6-11.1]	Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic	Hyperplasia	Marked
* Kidney	Mineralization	Minimal
* Liver [Angiectasis TGLS = 5-2.2] [Hepatocellular Adenoma TGLS = 3-2.1]	Angiectasis Clear Cell Focus Hepatocellular Adenoma	Minimal
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 4-1]	Alveolar/Bronchiolar Adenoma	
* Nose Preputial Gland [Cyst TGLS = 1-10]	Inflammation Cyst Dilatation Inflammation	Chronic, Mild Moderate Acute, Marked
* Seminal Vesicle [Dilatation TGLS = 2-4.1]	Dilatation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890442

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Colon	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Fatty Change	Mild
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
	Dilatation	Moderate
	Hemorrhage	Focal, Mild
[Cyst TGLS = 2-10]		
[Dilatation TGLS = 1-10]		
[Hemorrhage TGLS = 3-10]		
* Spleen	Depletion Lymphoid	Minimal
[Depletion Lymphoid TGLS = 4-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 275

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* 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
-----------------	---------------------

OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Fatty Change	Mild
* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 454

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Liver
- * Pancreas
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Adrenal Medulla
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Parathyroid Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Pituitary Gland
- * Skin
- * Testes

- * Bone Marrow
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Prostate
- * Spleen
- * Thymus

MISSING

- * Mammary Gland

OBSERVATIONS

- * Kidney
- * Nose
- * Urinary Bladder

Renal Tubule

Regeneration
Inflammation
Inflammation

Minimal
Chronic, Mild
Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Brain		Mineralization	Mild
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-6]			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Congestion	Mild
[Congestion TGLS = 2-5]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Acute, Marked
[Cyst TGLS = 1-10]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 454

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* 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

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Salivary Glands		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

OBSERVATIONS

* Gallbladder [Ulcer TGLS = 5-1]	Ulcer	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 7-6.11]	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Hyperplasia	Lymphoid, Moderate
* Liver [Hepatocellular Carcinoma TGLS = 4-2.1]	Hepatocellular Carcinoma	
* Lung [Hepatocellular Carcinoma TGLS = 6-1]	Hepatocellular Carcinoma	Metastatic (Liver)
* Nose Preputial Gland	Inflammation	Chronic, Mild
	Cyst	
	Dilatation	Moderate
	Inflammation	Acute, Marked
[Cyst TGLS = 1-10]		
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-3]	Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-11]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-6.1]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Moderate
* Spleen		Depletion Lymphoid	Minimal
[Depletion Lymphoid TGLS = 2-3]			
* Stomach, Glandular		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Marked
* Stomach, Forestomach		Foreign Body	Moderate
	[Foreign Body TGLS = 2-6.1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 275

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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	Renal Tubule	Regeneration	Minimal
* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
-----------------	-------------------

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 4-6+6.1]		Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Mineralization Regeneration Alveolar/Bronchiolar Adenoma	Minimal Mild
* Lung		Inflammation	Chronic, Mild
* Nose Preputial Gland		Cyst	
* Seminal Vesicle [Dilatation TGLS = 1-4.1]		Dilatation	Marked
* Spleen [Depletion Lymphoid TGLS = 2-3]		Depletion Lymphoid	Minimal
* Stom Forestom			
Note: NO LESION IN FORESTOMACH IN ORIGINAL SLIDE OR RECUT TGL 3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
--------------------------	-----------------	----------

OBSERVATIONS

* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 11-6.1]	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic	Hyperplasia	Marked
* Liver [Hepatocellular Adenoma TGLS = 4-2,8-2.2] [Hepatocellular Carcinoma TGLS = 6-2,7-2.1] [Necrosis TGLS = 5-2]	Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma Necrosis	Multiple Multiple Focal, Moderate
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Inflammation	Chronic, Mild
Preputial Gland [Cyst TGLS = 2-10] [Dilatation TGLS = 1-10]	Cyst Dilatation	Marked
* Sem Ves Note: TGL 3 Note: NO LESION SEEN. SEM VES LESS DILATED THAN USUAL		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 890449

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Moderate
----------	----------------------------------	----------

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Angiectasis	Moderate
[Angiectasis TGLS = 2-2.1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Moderate
[Dilatation TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:08

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* 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
-----------------	----------

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Focal, Minimal
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-2+2.1]		
* Lymph Node, Mesenteric		Congestion	Mild
	[Congestion TGLS = 2-5]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 3-10]		

PRIMARY CAUSE OF DEATH

-

Animal Note: NO CECAL LESION SEEN ON ORIGINAL SLIDE OR RECUT TGL 4

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:08
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 274

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

OBSERVATIONS

* Brain	Mineralization	Focal, Mild
* Liver	Fatty Change	Moderate
* Nose	Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex [Adenoma TGLS = 2-7]		Adenoma	
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
* Nose		Inflammation	Chronic, Mild
Preputial Gland [Dilatation TGLS = 1-10]		Dilatation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-6.11]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Marked
[Dilatation TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 9-6.1]	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Hyperplasia	Lymphoid, Mild
* Liver [Hepatocellular Carcinoma TGLS = 6,7-2,2.1]	Hepatocellular Carcinoma	Multiple
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Nose Preputial Gland [Cyst TGLS = 1-10] [Inflammation TGLS = 2-10]	Inflammation Cyst Inflammation	Chronic, Mild Chronic, Mild
* Seminal Vesicle [Depletion Cellular TGLS = 3-4.1]	Depletion Cellular	Mild
* Spleen Note: NO FOCUS SEEN ON ORIGINAL SLIDE OR RECUT TGL 5 [Hematopoietic Cell Proliferation TGLS = 4-3]	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 454

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 8818650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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
-----------------	------------

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Moderate
[Dilatation TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 51

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Esophagus	* Mammary Gland	* Parathyroid Gland	* Thymus
-------------	-----------------	---------------------	----------

OBSERVATIONS

* Brain		Mineralization	Moderate
* Kidney		Cyst	
	Renal Tubule	Regeneration	Moderate
	[Cyst TGLS = 3-3]		
	[Regeneration TGLS = 4-3]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 2-5]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Marked
	[Cyst TGLS = 1-10]		
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 5-4]		
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 52

TRT#: 1

SEX: Male

DAY ON TEST: 454

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 8818652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
--------------------------	--------------------------	-----------------	---------------------

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-2]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Moderate
	[Dilatation TGLS = 1-9]		
* Salivary Glands		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 53

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Focal, Mild
Note: HEMORRHAGE CONSISTENT WITH TERMINAL TRAUMA			
[Alveolar/Bronchiolar Adenoma TGLS = 4,5-1.1]			
[Alveolar/Bronchiolar Carcinoma TGLS = 4,5-1.1]			
[Hemorrhage TGLS = 3-1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 2-10]			
* Seminal Vesicle		Depletion Cellular	Minimal
[Depletion Cellular TGLS = 1-4.1]			
Tongue		Pigmentation	Focal, Mild
[Pigmentation TGLS = 7-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 54

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-2]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Marked
		Inflammation	Chronic, Marked
		Inflammation	Acute, Marked
	[Inflammation TGLS = 1-10]		
	[Inflammation TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 55

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Brain		Mineralization	Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Dilatation	Marked
		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 56

TRT#: 1

SEX: Male

DAY ON TEST: 274

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Minimal
[Fatty Change TGLS = 2-2]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-9]			
* Nose		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 890459
----------------------	--------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic	Adenoma	
* Liver	Hepatocellular Adenoma	
* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1,2-1+1.1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
* Stomach, Glandular	Inflammation	Acute, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 58

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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
-----------------	----------

OBSERVATIONS

* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
* Liver	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-2,4-2.1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 59

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 6-6.1]			
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Marked
		Inflammation	Acute, Marked
[Hyperplasia TGLS = 6-6.1]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 5-1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 2-10]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 3-4.1]			
* Skin		Sarcoma	
[Sarcoma TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 890461

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60

TRT#: 1

SEX: Male

DAY ON TEST: 617

DOSE: 0 PPM

DISP: Natural Death

HISTO: 890462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Esophagus	* Gallbladder
* Heart	* 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
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Lymph Node, Mandibular	* Mammary Gland
------------------	-------------------	--------------------------	-----------------

OBSERVATIONS

* Brain		Mineralization	Mild
* Epididymis		Lymphoma Malignant Mixed	
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Degeneration	Granular, Marked
* Liver		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 8-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lym Node Mand			
	Note: NO MANDIBULAR LN IN ORIGINAL SLIDE OR RETRIM		
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 5-5.1+5.2,10-5,3-12,6-13,7-11,4-5,1-3.1]		
	[Lymphoma Malignant Mixed TGLS = 5-5.1+5.2,10-5,3-12,6-13,7-11,4-5,1-3.1]		
	[Lymphoma Malignant Mixed TGLS = 5-5.1+5.2,10-5,3-12,6-13,7-11,4-5,1-3.1]		
	[Lymphoma Malignant Mixed TGLS = 5-5.1+5.2,10-5,3-12,6-13,7-11,4-5,1-3.1]		
	[Lymphoma Malignant Mixed TGLS = 5-5.1+5.2,10-5,3-12,6-13,7-11,4-5,1-3.1]		
	[Lymphoma Malignant Mixed TGLS = 5-5.1+5.2,10-5,3-12,6-13,7-11,4-5,1-3.1]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60

TRT#: 1

DOSE: 0 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 617

HISTO: 890462

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Lymphoma Malignant Mixed TGLS = 5-5.1+5.2,10-5,3-12,6-13,7-11,4-5,1-3.1]	Lymphoma Malignant Mixed	
* Nose Preputial Gland	Inflammation Dilatation	Chronic, Mild Marked
* Seminal Vesicle [Depletion Cellular TGLS = 14-4.1]	Depletion Cellular	Mild
* Spleen [Lymphoma Malignant Mixed TGLS = 13-3]	Lymphoma Malignant Mixed	
* Thymus [Lymphoma Malignant Mixed TGLS = 11-5]	Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 61	TRT#: 1	SEX: Male	DAY ON TEST: 741
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 890463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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
-----------------	---------------------

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 2-11]		Adenoma	
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 62

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 872268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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
-----------------	----------

OBSERVATIONS

* Adrenal Cortex [Atrophy TGLS = 1-7]		Atrophy	Mild
Harderian Gland [Carcinoma TGLS = 7-11]		Carcinoma	
* Intestine Large, Cecum [Hyperplasia TGLS = 8-6.11]		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Renal Tubule	Hyperplasia	Minimal
* Liver		Regeneration	Minimal
		Clear Cell Focus	
		Fatty Change	Focal, Minimal
		Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 3-2,5-2,4-2.2,6-2.2]			
[Fatty Change TGLS = 6-2.2]			
[Hepatocellular Carcinoma TGLS = 2-2.1]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Nose		Inflammation	Chronic, Focal, Mild
		Inflammation	Chronic, Mild
Preputial Gland		Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 872268

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 63

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Mineralization	Mild
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 7-6.1]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Fatty Change TGLS = 2,3-2]			
[Hemangiosarcoma TGLS = 4-2.1]			
[Hepatocellular Adenoma TGLS = 5-2.2]			
[Hepatocellular Carcinoma TGLS = 6-2.2]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Marked
[Dilatation TGLS = 1-10]			
* Thyroid Gland	Follicle	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 63

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890465

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 64

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Brain	Mineralization	Mild
* Epididymis	Spermatocele	Moderate
Harderian Gland	Adenoma	
[Adenoma TGLS = 3-11]		
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 7-6.11]		
* Islets, Pancreatic	Hyperplasia	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2.1]	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 6-2.1]		
* Lung	Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 4+5-1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Dilatation	Moderate
* Spleen	Congestion	Mild
[Congestion TGLS = 1-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 65

TRT#: 1

SEX: Male

DAY ON TEST: 275

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex [Atrophy TGLS = 1-7]	Atrophy	Mild
* Islets, Pancreatic	Hyperplasia	Minimal
* Liver	Fatty Change	Minimal
* Nose	Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 66

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Brain	Mineralization	Moderate
* Epididymis	Atrophy	Mild
[Atrophy TGLS = 3-4.1]		
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 14-6.1]		
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
	Thrombosis	
Note: L LAT LOBE ONLY SEEMS SMALL IN CONTRAST TO CA TGL 8		
[Hepatocellular Carcinoma TGLS = 7-2]		
* Lung	Alveolar/Bronchiolar Carcinoma	
	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 12+13-1,11-1.1]		
* Lymph Node, Mesenteric	Thrombosis	Marked
[Thrombosis TGLS = 6-5]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Dilatation	Mild
* Seminal Vesicle	Depletion Cellular	Mild
[Depletion Cellular TGLS = 4-4.1]		
* Spleen	Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 890467
----------------------	--------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 5-3]		
* Testes	Hyospermia	Mild
[Hyospermia TGLS = 2-4.1]		
Tongue	Hemorrhage	Focal, Marked
[Hemorrhage TGLS = 15-11]		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 640 HISTO: 890468
----------------------	--------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Adrenal Medulla	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Thymus			

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 3-10]		
* Skin	Sarcoma	
[Sarcoma TGLS = 1+2-11]		
* Spleen	Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: TISSUE SUBMITTED AS ILIAC LN IS SKIN MASS TGL 2

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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
-----------------	---------------------

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-1]			
Preputial Gland		Cyst	
[Cyst TGLS = 1+2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 69

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Basophilic Focus	
		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-2]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 70

TRT#: 1

SEX: Male

DAY ON TEST: 274

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Focal, Mild
Preputial Gland		Abscess	Marked
[Abscess TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 455

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* 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
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Fatty Change	Moderate
[Fatty Change TGLS = 1-2]			
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla	* Mammary Gland
-------------------	-----------------

OBSERVATIONS

* Brain		Mineralization	Moderate
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Acute, Moderate

[Cyst TGLS = 2-10]

[Inflammation TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Moderate
* Kidney	Renal Tubule	Regeneration	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 1,2-2,2.1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* 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
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Moderate
* Adrenal Medulla		Hyperplasia	Moderate
* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Marked
[Inflammation TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 75	TRT#: 3 DOSE: 50 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 275 HISTO: 872359
----------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* 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
-----------------	---------------------

OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 76	TRT#: 3 DOSE: 50 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 628 HISTO: 891325
----------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Epididymis	* Esophagus
* Liver	* Lymph Node, Mandibular	* Salivary Glands	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
-----------------	---------------------	-------------------

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Thymus
* Urinary Bladder			

OBSERVATIONS

* Brain	Mineralization	Mild
* Heart	Adenocarcinoma	Metastatic (Prostate)
* Kidney	Mineralization	Moderate
* Lung	Adenocarcinoma	Metastatic (Prostate)
[Adenocarcinoma TGLS = 2-1+1.1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Dilatation	Mild
* Prostate	Adenocarcinoma	
[Adenocarcinoma TGLS = 1-4.2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 77	TRT#: 3 DOSE: 50 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 455 HISTO: 88186077
----------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 4-6.1]		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Mild
* Liver [Eosinophilic Focus TGLS = 3-2.1]		Eosinophilic Focus	
* Nose Preputial Gland [Cyst TGLS = 1-10]		Inflammation Cyst Dilatation	Chronic, Mild Moderate
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 707

DOSE: 50 PPM

DISP: Natural Death

HISTO: 891327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Esophagus
* Kidney
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Trachea

* Bone
* Heart
* Lung
* Parathyroid Gland
* Skin
* Testes

* Bone Marrow
* Intestine Large, Colon
* Lymph Node, Mandibular
* Pituitary Gland
* Spleen
* Thymus

* Epididymis
* Intestine Large, Rectum
* Lymph Node, Mesenteric
* Prostate
* Stomach, Forestomach
* Thyroid Gland

MISSING

* Gallbladder
* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum
* Intestine Small, Ileum
* Intestine Small, Jejunum
* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex
* Brain
* Intestine Large, Cecum
* Islets, Pancreatic
* Liver

[Hepatocellular Carcinoma TGLS = 4-2.1]

* Lung
Note: NO NODULE SEEN IN ORIGINAL SLIDE OR RECUT TGL 5

* Nose
Preputial Gland

[Cyst TGLS = 1-10]

* Seminal Vesicle
[Dilatation TGLS = 3-4.1]

Hyperplasia
Mineralization
Hyperplasia
Hyperplasia
Hepatocellular Carcinoma

Focal, Mild
Moderate
Lymphoid, Marked
Mild

Inflammation
Cyst
Inflammation

Chronic, Mild
Chronic, Minimal

Dilatation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 455

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thyroid Gland
-----------------	---------------------	-----------------

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 674

DOSE: 50 PPM

DISP: Natural Death

HISTO: 891328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3,4,5,6-2.1,2.2,2.3]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-5]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-5]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Moderate
		Inflammation	Chronic, Moderate
[Inflammation TGLS = 10-10]			
* Seminal Vesicle		Depletion Cellular	Moderate
[Depletion Cellular TGLS = 8-4.1]			
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-3.1]			
* Stomach, Glandular		Erosion	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 674

DOSE: 50 PPM

DISP: Natural Death

HISTO: 891328

ORGAN AND ACCOUNTABLE SITE STATUS

[Erosion TGLS = 9-6.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 2-6+6.1]		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Mineralization	Mild
		Regeneration	Mild
* Liver [Hepatocellular Adenoma TGLS = 1-2]		Hepatocellular Adenoma	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: LESION APPEARS TO BE ACCUMULATION OF DEBRIS TGL 3

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain	Mineralization	Moderate
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Glomerulosclerosis	Mild
* Liver	Basophilic Focus	
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-2+2.1]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 7-1]		
Mesentery	Necrosis	Marked
[Necrosis TGLS = 6-11]		
Preputial Gland	Cyst	
	Inflammation	Acute, Marked
[Cyst TGLS = 2-10]		
* Seminal Vesicle	Depletion Cellular	Mild
[Depletion Cellular TGLS = 3-4.1]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 84	TRT#: 3 DOSE: 50 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 740 HISTO: 891331
----------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 1-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* 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

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Kidney	Mineralization	Minimal
* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 1-10]	Inflammation	Acute, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86	TRT#: 3 DOSE: 50 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 454 HISTO: 88186086
----------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Colon	* Lung	* Mammary Gland	* Thymus
--------------------------	--------	-----------------	----------

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Angiectasis TGLS = 6-2.1]			
[Eosinophilic Focus TGLS = 5-2.1]			
[Hepatocellular Adenoma TGLS = 1+2-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-1]			
[Alveolar/Bronchiolar Carcinoma TGLS = 4-1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
Harderian Gland		Adenoma	
[Adenoma TGLS = 6-11]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 4-2]			
[Hepatocellular Carcinoma TGLS = 3-2+2.1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Marked
		Inflammation	Chronic, Minimal
[Cyst TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89	TRT#: 3 DOSE: 50 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 740 HISTO: 891335
----------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Liver
* Lung	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

OBSERVATIONS

* Brain	Mineralization	Moderate
* Intestine Large, Cecum	Lymphoma Malignant Mixed	
* Intestine Small, Duodenum	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-6]		
* Intestine Small, Ileum	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-6]		
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Mineralization	Minimal
Lymph Node	Mediastinal	
	Renal	
[Lymphoma Malignant Mixed TGLS = 3-5.1,5-11,6-5]		
[Lymphoma Malignant Mixed TGLS = 3-5.1,5-11,6-5]		
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5.1,5-11,6-5]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 1-10]		
* Spleen	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4+7-3.1]		
* Thymus	Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89	TRT#: 3	SEX: Male	DAY ON TEST: 740
	DOSE: 50 PPM	DISP: Terminal Sacrifice	HISTO: 891335

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
-------------------------------	---

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
-----------------	-------------------

OBSERVATIONS

* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 5-6+6.1]	Hyperplasia	Lymphoid, Mild
* Kidney	Mineralization	Minimal
* Liver [Hemangiosarcoma TGLS = 3-2]	Hemangiosarcoma	
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 4-1]	Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric [Congestion TGLS = 2-5]	Congestion	Mild
* Nose Preputial Gland [Inflammation TGLS = 1-10]	Inflammation Dilatation Inflammation	Chronic, Mild Moderate Acute, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 455

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Brain	Mineralization	Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Nose	Inflammation	Chronic, Mild
* Spleen	Hyperplasia	Lymphoid, Moderate
* Thymus	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 455

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|---------------------|--------------|----------------|---------|
| * Brain | | Mineralization | Mild |
| * Kidney | Renal Tubule | Regeneration | Minimal |
| Preputial Gland | | Cyst | |
| [Cyst TGLS = 1-9] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 93	TRT#: 3 DOSE: 50 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 275 HISTO: 872360
----------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal 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	* Liver
* Lung	* Lymph Node, Mandibular	* 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

* Adrenal Medulla	* Mammary Gland
-------------------	-----------------

OBSERVATIONS

* Kidney	Inflammation	Chronic, Focal, Minimal
* Nose	Inflammation	Chronic, Focal, Mild
* Salivary Glands	Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			
* Stomach, Glandular	Mucosa	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 2-10]	Inflammation	Chronic, Mild
* Seminal Vesicle		Dilatation	Marked
	[Dilatation TGLS = 3-4.1]		

PRIMARY CAUSE OF DEATH

-

Animal Note: ONE ADRENAL IS ACTUALLY LYMPH NODE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 96	TRT#: 3 DOSE: 50 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 274 HISTO: 872361
----------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 274

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 274

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 1-2]			
* Nose		Inflammation	Chronic, Focal, Minimal
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99	TRT#: 3 DOSE: 50 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 274 HISTO: 872364
----------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Liver	Fatty Change	Mild
Preputial Gland [Cyst TGLS = 1-9]	Cyst	
* Salivary Glands	Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 274

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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
-----------------	---------------------

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 101

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

OBSERVATIONS

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Regeneration	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 4-2.1,6-2.3]	
		[Hepatocellular Carcinoma TGLS = 5-2.2]	
* Lymph Node, Mesenteric		Congestion	Marked
		[Congestion TGLS = 3-5]	
* Nose		Inflammation	Chronic, Minimal
Preputial Gland		Cyst	
		Dilatation	Marked
		[Cyst TGLS = 1-10]	
* Spleen		Hematopoietic Cell Proliferation	Marked
		[Hematopoietic Cell Proliferation TGLS = 2-3]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 103

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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

OBSERVATIONS

* Brain	Mineralization	Mild
* Heart	Hemangiosarcoma	
* Kidney	Inflammation	Chronic, Focal, Mild
* Liver	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-2.1]		
* Nose	Inflammation	Chronic, Minimal
Preputial Gland	Cyst	
[Cyst TGLS = 2-10]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 3

SEX: Male

DAY ON TEST: 455

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	Preputial Gland
-----------------	---------------------	-----------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Spleen		Cyst	

[Cyst TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
* Pancreas		Hyperplasia	Focal, Moderate
Preputial Gland		Cyst	
		Dilatation	Marked
[Cyst TGLS = 2-10]			
[Dilatation TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 106

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|----------------------|----------------|---------------|
| * Brain | Mineralization | Mild |
| * Nose | Inflammation | Chronic, Mild |
| Preputial Gland | Cyst | |
| [Cyst TGLS = 1-10] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 107

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 108

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 3-1.1]			
[Infiltration Cellular TGLS = 2-1]			
Lymph Node	Mediastinal	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 1-5]			
Preputial Gland		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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
-----------------	----------

OBSERVATIONS

* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Fatty Change	Mild
* Lung		
Note: TGL 2. NO LUNG NODULE SEEN IN ORIGINAL SLIDE OR RECUT		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
	Dilatation	Moderate
	Inflammation	Acute, Marked

[Cyst TGLS = 1-10]

[Inflammation TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 110

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Nose
- * Prostate
- * Spleen
- * Thymus

- * Adrenal Medulla
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Liver
- * Pancreas
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Parathyroid Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

- * Bone Marrow
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Skin
- * Testes
- * Urinary Bladder

MISSING

- * Mammary Gland

OBSERVATIONS

- * Lung
- Preputial Gland
- [Cyst TGLS = 1-10]

Inflammation
Cyst

Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 111

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Minimal
* Kidney	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Chronic, Mild

[Cyst TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 112

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Liver	Fatty Change	Minimal
	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2+3-2,4+5-2.1]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
* Seminal Vesicle	Dilatation	Marked
[Dilatation TGLS = 1-4.2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Congestion	Moderate
[Congestion TGLS = 2-5]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Acute, Marked
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 114

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Clear Cell Focus	
	Fatty Change	Mild
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 6-2.1]		
[Fatty Change TGLS = 7-2.1]		
[Hepatocellular Adenoma TGLS = 3-2,4-2.1]		
[Hepatocellular Carcinoma TGLS = 5-2]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
	Dilatation	Marked
[Cyst TGLS = 1-10]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Urinary Bladder	Calculus Micro Observation Only	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 115

TRT#: 3

SEX: Male

DAY ON TEST: 708

DOSE: 50 PPM

DISP: Moribund Sacrifice

HISTO: 891352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Brain |
| Ear | * Epididymis | * Esophagus | * Gallbladder |
| * 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 | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|--------------------------|---|--------------------------|--------------------|
| * Bone Marrow | | Hyperplasia | Neutrophil, Marked |
| * Heart | | Mineralization | Marked |
| * Intestine Large, Cecum | | Lymphoma Malignant Mixed | |
| * Kidney | Renal Tubule | Regeneration | Minimal |
| * Liver | | Lymphoma Malignant Mixed | |
| | [Lymphoma Malignant Mixed TGLS = 3+4-2+2.1] | | |
| * Lymph Node, Mandibular | | Lymphoma Malignant Mixed | |
| | [Lymphoma Malignant Mixed TGLS = 1-5] | | |
| * Lymph Node, Mesenteric | | Lymphoma Malignant Mixed | |
| | [Lymphoma Malignant Mixed TGLS = 1-5] | | |
| Preputial Gland | | Dilatation | Moderate |
| * Spleen | | Lymphoma Malignant Mixed | |
| | [Lymphoma Malignant Mixed TGLS = 2-3] | | |
| * Thymus | | Lymphoma Malignant Mixed | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116	TRT#: 3 DOSE: 50 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 740 HISTO: 891353
-----------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 4-11]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
[Hepatocellular Carcinoma TGLS = 2-2.1]		Hepatocellular Carcinoma	
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Marked
		Inflammation	Chronic, Marked
[Inflammation TGLS = 1-10]			
* Stomach, Glandular		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 3

SEX: Male

DAY ON TEST: 454

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Brain	Mineralization	Minimal
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Dilatation	Moderate
[Dilatation TGLS = 1-9]		
* Prostate	Inflammation	Chronic, Minimal
* Urinary Bladder	Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 118

TRT#: 3

SEX: Male

DAY ON TEST: 740

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Esophagus
* Intestine Large, Colon
* Lung
* Prostate
* Stomach, Forestomach
* Thyroid Gland

* Bone
* Gallbladder
* Intestine Large, Rectum
* Lymph Node, Mandibular
* Salivary Glands
* Stomach, Glandular
* Trachea

* Brain
* Heart
* Intestine Small, Duodenum
* Parathyroid Gland
* Seminal Vesicle
* Testes
* Urinary Bladder

* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Pituitary Gland
* Skin
* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Bone Marrow
* Intestine Small, Jejunum

Capsule

Adenoma
Hyperplasia
Lymphoma Malignant Mixed
Ulcer

Neutrophil, Mild
Moderate

[Lymphoma Malignant Mixed TGLS = 4-6.1+6.2]

[Ulcer TGLS = 3-6.2]

* Islets, Pancreatic
* Kidney
* Liver

Renal Tubule

Hyperplasia
Regeneration
Basophilic Focus
Eosinophilic Focus
Hepatocellular Adenoma
Hepatocellular Carcinoma

Moderate
Mild
Multiple

[Basophilic Focus TGLS = 7-2.1]

[Eosinophilic Focus TGLS = 7-2.1]

[Hepatocellular Adenoma TGLS = 7-2+2.1]

[Hepatocellular Carcinoma TGLS = 8-2]

* Lymph Node, Mesenteric

[Lymphoma Malignant Mixed TGLS = 6-5]

Lymphoma Malignant Mixed

* Nose

Inflammation

Chronic, Mild

* Pancreas

Hyperplasia

Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118

TRT#: 3
DOSE: 50 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 891354

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland

Cyst

Dilatation

Mild

[Cyst TGLS = 1+2-10]

* Spleen

Congestion

Hematopoietic Cell Proliferation

Moderate

Moderate

[Congestion TGLS = 5-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119

TRT#: 3

SEX: Male

DAY ON TEST: 274

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Prostate
-----------------	---------------------	------------

OBSERVATIONS

* Brain	Mineralization	Focal, Mild
* Nose	Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120

TRT#: 3

SEX: Male

DAY ON TEST: 274

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Lung		Congestion	Mild
	Peribronchial	Inflammation	Chronic, Minimal
[Congestion TGLS = 1-1]			
* Nose		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 121

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Mild
* Islets, Pancreatic		Adenoma	
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		Necrosis	Focal, Mild
[Eosinophilic Focus TGLS = 7-2]			
[Hepatocellular Adenoma TGLS = 4-2.1]			
* Lung		Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 6-1.1]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2+3+5-11]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 122

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-6.1]			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 123

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

OBSERVATIONS

* Brain	Mineralization	Minimal
* Intestine Small, Jejunum	Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Infarct	Marked
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-2]		
* Lung	Sarcoma	Metastatic (Mesentery)
[Sarcoma TGLS = 4+5-1]		
Mesentery	Sarcoma	
[Sarcoma TGLS = 2-11]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
	Dilatation	Mild
	Inflammation	Acute, Moderate
[Cyst TGLS = 1-10]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 124

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Epididymis |
| * Esophagus | * Gallbladder | * Heart | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lung | * Lymph Node, Mandibular | * 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 |
|-----------------|---------------------|

OBSERVATIONS

- | | | | |
|---|--------------|--------------------------|----------------|
| * Adrenal Cortex | | Hyperplasia | Focal, Mild |
| * Brain | | Mineralization | Minimal |
| * Intestine Large, Cecum | | Hyperplasia | Lymphoid, Mild |
| [Hyperplasia TGLS = 6-6.1] | | | |
| * Islets, Pancreatic | | Hyperplasia | Moderate |
| * Kidney | Renal Tubule | Regeneration | Moderate |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Carcinoma | |
| [Eosinophilic Focus TGLS = 3,5-2,2.1] | | | |
| [Hepatocellular Carcinoma TGLS = 2-2.2] | | | |
| * Nose | | Inflammation | Chronic, Mild |
| Preputial Gland | | Cyst | |
| [Cyst TGLS = 1-10] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 125

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Moderate
* Epididymis		Spermatocoele	
[Spermatocoele TGLS = 2-4.1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Angiectasis	Mild
		Clear Cell Focus	
		Hepatocellular Adenoma	
[Angiectasis TGLS = 4-2.2]			
[Hepatocellular Adenoma TGLS = 3-2.1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-6.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 126

TRT#: 3

SEX: Male

DAY ON TEST: 454

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Colon	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Brain	Mineralization	Mild
* Nose	Inflammation	Chronic, Mild
* Urinary Bladder	Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127

TRT#: 3

SEX: Male

DAY ON TEST: 455

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Salivary Glands	Inflammation	Chronic, Focal, Mild
-------------------	--------------	----------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 128

TRT#: 3

SEX: Male

DAY ON TEST: 720

DOSE: 50 PPM

DISP: Moribund Sacrifice

HISTO: 891360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Islets, Pancreatic	* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
----------------------	--------------------------	---------------------	----------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-2.1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Acute, Moderate
[Cyst TGLS = 1+2-10]			
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 3+5-4.1]			
* Testes		Hypospermia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 129

TRT#: 3

SEX: Male

DAY ON TEST: 274

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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
-----------------	---------------------

OBSERVATIONS

* Nose	Inflammation	Chronic, Focal, Mild
--------	--------------	----------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 130

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Hyperplasia	Focal, Mild
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Moderate
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 5-2.1]		
	[Hepatocellular Adenoma TGLS = 6-2.1,3-5.1]		
* Nose		Inflammation	Chronic, Mild
* Pancreas			
	Note: PANCREATIC MASS IS DETACHED HEPATOCELLULAR AD TGL 3		
Preputial Gland		Cyst	
	[Cyst TGLS = 1+2-10]		
* Thymus		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 4-5]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 131

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Small, Ileum		Sarcoma	
[Sarcoma TGLS = 1-6.1]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Sarcoma	
[Eosinophilic Focus TGLS = 6-2.2]			
[Hepatocellular Adenoma TGLS = 8-2.1]			
[Sarcoma TGLS = 8+9+10-2.1,7-2.2]			
* Lung		Sarcoma	
Lymph Node	Mediastinal	Sarcoma	
[Sarcoma TGLS = 11-5,2-5.1]			
* Lymph Node, Mesenteric		Sarcoma	
[Sarcoma TGLS = 11-5,2-5.1]			
* Nose		Inflammation	Chronic, Mild
* Pancreas		Sarcoma	
[Sarcoma TGLS = 3-5.2]			
Preputial Gland		Dilatation	Marked
* Prostate		Sarcoma	
* Seminal Vesicle		Sarcoma	
* Spleen		Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891362

ORGAN AND ACCOUNTABLE SITE STATUS

[Sarcoma TGLS = 4+5-3.1]

* Stomach, Glandular

Sarcoma

[Sarcoma TGLS = 12-6.2]

* Thymus

Sarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 132

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Bone		Hyperostosis	
[Hyperostosis TGLS = 8-9]			
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 10-6.1]			
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-2.1]		Inflammation	Chronic, Focal, Moderate
[Inflammation TGLS = 5-2.1]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6+7-1.1]			
Lymph Node	Mediastinal	Sarcoma	
	Pancreatic	Sarcoma	
[Sarcoma TGLS = 9-5,3-5.1,2-5.1]			
[Sarcoma TGLS = 9-5,3-5.1,2-5.1]			
* Lymph Node, Mesenteric		Sarcoma	
[Sarcoma TGLS = 9-5,3-5.1,2-5.1]			
* Nose		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132

TRT#: 3
DOSE: 50 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 891363

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland
[Dilatation TGLS = 1-10]

Dilatation

Marked

* Seminal Vesicle

Sarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 134

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3+4-2,2-2.1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 135

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 3-6+6.1]		Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Regeneration	Moderate
* Liver Note: TGL 2 LIVER FOCUS NOT SEEN IN ORIGINAL SLIDE OR RECUT			
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 1-1.1]		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 136

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Brain	Mineralization	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Hemorrhage	Moderate
[Hemorrhage TGLS = 3-3]		
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4+5-2.1]		
* Nose	Inflammation	Chronic, Minimal
Preputial Gland	Dilatation	Marked
* Salivary Glands	Inflammation	Chronic, Focal, Moderate
* Spleen	Depletion Lymphoid	Minimal
[Depletion Lymphoid TGLS = 2-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Kidney		Cyst	
	Renal Tubule	Regeneration	Minimal
[Cyst TGLS = 3-3.1]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose		Inflammation	Chronic, Moderate
Preputial Gland		Cyst	
		Dilatation	Marked
[Cyst TGLS = 2-10]			
[Dilatation TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 138

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Marked

[Cyst TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 139

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

OBSERVATIONS

* Brain	Mineralization	Moderate
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Mineralization	Mild
* Liver	Clear Cell Focus	
	Fatty Change	Mild
	Hepatoblastoma	
	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 5-2.1,6+7+8-2.2]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
	Dilatation	Marked
[Cyst TGLS = 2-10]		
[Dilatation TGLS = 1-10]		
* Seminal Vesicle	Dilatation	Marked
[Dilatation TGLS = 3-4.1]		
* Spleen	Depletion Lymphoid	Minimal
[Depletion Lymphoid TGLS = 4-3]		

PRIMARY CAUSE OF DEATH -

Animal Note: TGL 9 CECAL FOCUS NOT SEEN IN ORIGINAL SLIDE OR RECUT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140

TRT#: 3

SEX: Male

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain	Mineralization	Moderate
* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 3-6.1]	Lymphoma Malignant Mixed	
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Mineralization	Minimal
Preputial Gland [Cyst TGLS = 2-10] [Dilatation TGLS = 1-10]	Cyst Dilatation	Marked
* Spleen [Depletion Lymphoid TGLS = 4-3]	Depletion Lymphoid	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
* Islets, Pancreatic	Hyperplasia	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
[Eosinophilic Focus TGLS = 5-2.1]		
[Hepatocellular Adenoma TGLS = 2-2.1]		
[Hepatocellular Carcinoma TGLS = 2,3-2.1]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 4-1+1.1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
	Dilatation	Moderate
[Cyst TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 274

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Minimal
* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Prostate		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 275

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Lymph Node, Mesenteric
- * Prostate
- * Spleen
- * Thymus

- * Adrenal Medulla
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Liver
- * Pancreas
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lung
- * Parathyroid Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

- * Bone Marrow
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mandibular
- * Pituitary Gland
- * Skin
- * Testes
- * Urinary Bladder

MISSING

- * Mammary Gland

OBSERVATIONS

- * Nose

Inflammation

Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144

TRT#: 5
DOSE: 250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 274
HISTO: 872351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Prostate
-----------------	---------------------	------------

OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Liver		Fatty Change	Minimal
* Lung	Peribronchial	Inflammation	Chronic, Mild
* Nose		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
-----------------	-------------------

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Moderate
[Cyst TGLS = 1-10]			
[Dilatation TGLS = 1-10]			
* Spleen		Depletion Lymphoid	Mild
[Depletion Lymphoid TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			
* Spleen		Depletion Lymphoid	Minimal
[Depletion Lymphoid TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland	* Pituitary Gland
---------------	-----------------	-------------------

OBSERVATIONS

* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 5-6.11]	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic	Hyperplasia	Minimal
* Liver [Hepatocellular Adenoma TGLS = 3-2.1] [Hepatocellular Carcinoma TGLS = 4-2.2]	Hepatocellular Adenoma Hepatocellular Carcinoma Necrosis	Focal, Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
* Nose Preputial Gland [Cyst TGLS = 1-10]	Inflammation Cyst Dilatation	Chronic, Mild Marked
* Seminal Vesicle [Depletion Cellular TGLS = 2-4.1]	Depletion Cellular	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 274

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Stomach, Glandular	Perivascular	Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland	* Thymus	
---------------	-----------------	----------	--

OBSERVATIONS

* Brain		Mineralization	Minimal
* Gallbladder			
Note: NOT FOUND IN MASSIVE HEPATOCELLULAR CARCINOMA			
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
			[Hepatocellular Adenoma TGLS = 7-2.3,9-2.3]
			[Hepatocellular Carcinoma TGLS = 5-2.1,6-2.2]
* Lung		Congestion	Mild
		Hepatocellular Carcinoma	Metastatic (Liver)
			[Congestion TGLS = 8-1]
* Lymph Node, Mesenteric		Congestion	Marked
			[Congestion TGLS = 4-5]
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Chronic, Mild
			[Inflammation TGLS = 1-10]
* Prostate		Atrophy	Mild
* Seminal Vesicle		Depletion Cellular	Mild
			[Depletion Cellular TGLS = 2-4.1]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891225

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Congestion

Mild

[Congestion TGLS = 3-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 455

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Epididymis | * Esophagus | * Gallbladder | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular |
| * 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

- | | | | |
|----------------------|--------------|----------------|----------------------|
| * Brain | | Mineralization | Mild |
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Kidney | Renal Tubule | Regeneration | Minimal |
| * Liver | | Fatty Change | Mild |
| * Salivary Glands | | Inflammation | Chronic, Focal, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 151

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland	Preputial Gland
-----------------	-------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Brain	Mineralization	Mild
* Liver	Basophilic Focus	
[Basophilic Focus TGLS = 3-2.1]		
* Nose	Inflammation	Chronic, Mild
Preputial GI		
Note: PREPUTIAL NOT SEEN IN ORIGINAL SLIDE OF MASS OR RECUT		
* Seminal Vesicle	Dilatation	Marked
[Dilatation TGLS = 2-4.1]		
* Skin	Lipoma	
[Lipoma TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 152

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Esophagus
* Intestine Large, Rectum
* Kidney
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Trachea

* Bone
* Gallbladder
* Intestine Small, Duodenum
* Liver
* Parathyroid Gland
* Seminal Vesicle
* Testes
* Urinary Bladder

* Bone Marrow
* Heart
* Intestine Small, Ileum
* Lung
* Pituitary Gland
* Skin
* Thymus

* Epididymis
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Prostate
* Stomach, Forestomach
* Thyroid Gland

MISSING

* Lymph Node, Mesenteric

* Mammary Gland

* Spleen

OBSERVATIONS

* Adrenal Cortex
* Brain
* Intestine Large, Cecum
* Islets, Pancreatic
* Nose
Preputial Gland

Hyperplasia
Mineralization
Hyperplasia
Hyperplasia
Inflammation
Cyst
Dilatation
Inflammation

Focal, Mild
Mild
Lymphoid, Mild
Minimal
Chronic, Mild
Marked
Chronic, Moderate

[Cyst TGLS = 1-10]

[Dilatation TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 153

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 3-6]		Hyperplasia	Lymphoid, Moderate
* Liver		Fatty Change	Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland [Cyst TGLS = 2-10]		Cyst	
* Seminal Vesicle [Dilatation TGLS = 1-4.2]		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
-----------------	---------------------	-------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
	Renal Tubule	Regeneration	Moderate
* Liver		Hepatocellular Carcinoma	
		Necrosis	Focal, Minimal
	[Hepatocellular Carcinoma TGLS = 2-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Chronic, Marked
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 4-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 585

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 891230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Carcinoma	Metastatic (Pituitary Gland)
		Mineralization	Moderate
* Epididymis		Atrophy	Mild
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Intermed	Carcinoma	
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			
* Prostate		Atrophy	Moderate
* Seminal Vesicle		Depletion Cellular	Moderate
[Depletion Cellular TGLS = 3-4.1]			
* Spleen		Depletion Lymphoid	Mild
* Stomach, Forestomach		Hyperkeratosis	Focal, Marked
[Hyperkeratosis TGLS = 2-6.1]			
* Testes		Hypospermia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 156

TRT#: 5

SEX: Male

DAY ON TEST: 275

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2.1]			
* Lung	Peribronchial	Inflammation	Chronic, Mild
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157

TRT#: 5

SEX: Male

DAY ON TEST: 455

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Skin

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Moderate
[Dilatation TGLS = 1-9]			
* Prostate		Inflammation	Chronic, Minimal
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 158

TRT#: 5

SEX: Male

DAY ON TEST: 274

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* 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
-----------------	---------------------

OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 159

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Epididymis
* Intestine Large, Colon
* Intestine Small, Jejunum
* Pancreas
* Seminal Vesicle
* Testes
* Urinary Bladder

* Adrenal Medulla
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Parathyroid Gland
* Skin
* Thymus

* Bone
* Gallbladder
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Prostate
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
* Heart
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Salivary Glands
* Stomach, Glandular
* Trachea

MISSING

* Mammary Gland

* Pituitary Gland

OBSERVATIONS

* Brain
* Intestine Large, Cecum
* Kidney
* Liver
 [Hepatocellular Carcinoma TGLS = 1-2.1]
* Lung
* Nose
 Preputial Gland
* Spleen

Mineralization
Hyperplasia
Mineralization
Hepatocellular Carcinoma

Hepatocellular Carcinoma
Inflammation
Dilatation
Hematopoietic Cell Proliferation

Mild
Lymphoid, Moderate
Minimal

Metastatic (Liver)
Chronic, Mild
Marked
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 160

TRT#: 5

SEX: Male

DAY ON TEST: 737

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* 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
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-6.1]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	
		Fatty Change	Minimal
[Clear Cell Focus TGLS = 2-1+2.1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Moderate
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 161

TRT#: 5

SEX: Male

DAY ON TEST: 454

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Pancreas
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Adrenal Medulla
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Parathyroid Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

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

- * Bone Marrow
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Prostate
- * Spleen
- * Thymus

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|---------------------------------------|--|---------------|
| * Liver | Fatty Change
Hepatocellular Adenoma | Mild |
| [Hepatocellular Adenoma TGLS = 2-2] | | |
| * Nose | Inflammation | Chronic, Mild |
| Preputial Gland | Atrophy | Mild |
| [Atrophy TGLS = 1-9] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 162

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-6.11]			
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]		Inflammation	Chronic, Focal, Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			
Tongue		Hyperkeratosis	Focal, Moderate
[Hyperkeratosis TGLS = 4-11]			
* Urinary Bladder		Concretion	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 163

TRT#: 5

SEX: Male

DAY ON TEST: 454

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum	* Mammary Gland
--------------------------	-----------------

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Nose	Inflammation	Chronic, Mild
* Prostate	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 164

TRT#: 5

SEX: Male

DAY ON TEST: 455

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Kidney
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

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

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Prostate
* Spleen
* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Liver
* Nose
Preputial Gland
[Cyst TGLS = 1-9]

Clear Cell Focus
Inflammation
Cyst

Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 165

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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
-----------------	---------------------	----------

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Metaplasia	Osseous, Moderate
		Mineralization	Minimal
	Renal Tubule	Regeneration	Moderate
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Marked
[Cyst TGLS = 1-10]			
[Dilatation TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 166

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* 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
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Moderate
* Adrenal Medulla	Hyperplasia	Focal, Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Marked
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-2.1,2-2.1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 167

TRT#: 5

SEX: Male

DAY ON TEST: 541

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 891236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Minimal
* Liver	Hepatocellular Carcinoma	
	Necrosis	Focal, Moderate
[Hepatocellular Carcinoma TGLS = 2-2.1]		
[Necrosis TGLS = 3-2]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Dilatation	Minimal
* Seminal Vesicle	Fibrosis	Marked
[Fibrosis TGLS = 1-4.2]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-3]		
* Stomach, Glandular	Erosion	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 168

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- | | | | |
|-------------------|-----------------|-------------------|----------|
| * Adrenal Medulla | * Mammary Gland | * Pituitary Gland | * Thymus |
|-------------------|-----------------|-------------------|----------|

OBSERVATIONS

- | | | | |
|---------------------------------|--------------|------------------------------|---------------|
| * Kidney | Renal Tubule | Regeneration | Mild |
| * Liver | | Basophilic Focus | |
| [Basophilic Focus TGLS = 3-2] | | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| * Lymph Node, Mesenteric | | Congestion | Moderate |
| [Congestion TGLS = 2-5] | | | |
| * Nose | | Inflammation | Chronic, Mild |
| Preputial Gland | | Dilatation | Moderate |
| [Dilatation TGLS = 1-10] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 169

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* 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

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-6.11]			
* Kidney	Renal Tubule	Mineralization	Mild
		Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-1]			
* Lymph Node, Mesenteric		Congestion	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]		Inflammation	Chronic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 170

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|----------------|----------------|---------------|
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | | Mineralization | Minimal |
| | Renal Tubule | Regeneration | Minimal |
| * Lung | Alveolar Epith | Hyperplasia | Minimal |
| * Nose | | Inflammation | Chronic, Mild |
| Preputial Gland | | Cyst | |
| | | Dilatation | Marked |
| | | Inflammation | Acute, Marked |

[Dilatation TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 171	TRT#: 5 DOSE: 250 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 740 HISTO: 891240
-----------------------	--	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
		Hemangioma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Thrombosis	
	[Hemangioma TGLS = 3-2.3]		
	[Hepatocellular Adenoma TGLS = 2-2.2]		
	[Hepatocellular Carcinoma TGLS = 1-2.1]		
	[Thrombosis TGLS = 2-2.2]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 4-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 172

TRT#: 5

SEX: Male

DAY ON TEST: 454

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 173	TRT#: 5 DOSE: 250 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 731 HISTO: 891241
----------------	--------------------------	---------------------------------------	-----------------------------------

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus	* Trachea
-----------------	---------------------	----------	-----------

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Brain		Mineralization	Mild
* Liver		Hemangiosarcoma	
		Hepatocellular Carcinoma	
	[Hemangiosarcoma TGLS = 3-2,2-2.1]		
	[Hepatocellular Carcinoma TGLS = 2-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Hyperplasia	Mild
Preputial Gland		Cyst	
		Dilatation	Mild
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-3.1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 174

TRT#: 5

SEX: Male

DAY ON TEST: 454

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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
-----------------	---------------------

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Abscess	Moderate
[Abscess TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 175

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * 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 | | Mineralization | Minimal |
| | Renal Tubule | Regeneration | Minimal |
| * Liver | | Eosinophilic Focus | |
| | [Eosinophilic Focus TGLS = 2-2] | | |
| * Nose | | Inflammation | Chronic, Mild |
| Preputial Gland | | Cyst | |
| | | Dilatation | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 176

TRT#: 5
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 891243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Acute, Marked
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 177

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* 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
-----------------	---------------------

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Intestine Small, Jejunum [Hyperplasia TGLS = 2-6.1]		Hyperplasia	Lymphoid, Marked
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
Preputial Gland [Cyst TGLS = 1-10]		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 178

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-6.1]			
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 7-2]		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 6-2.1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5.1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]		Dilatation	Mild
* Testes	Interstit Cell	Adenoma	
[Atrophy TGLS = 2-4.1]	Seminif Tub	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 179

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Chronic, Mild
Note: LEFT PREPUTIAL APPEARS SMALL COMPARED WITH RIGHT			
[Cyst TGLS = 1-10]			
[Inflammation TGLS = 2-10]			
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 3-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 180

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 7-2.2]	
		[Hepatocellular Adenoma TGLS = 5-2,6-2,4-2.1]	
Preputial Gland		Cyst	
		Inflammation	Acute, Marked
		[Cyst TGLS = 1-10]	
* Seminal Vesicle		Dilatation	Marked
		[Dilatation TGLS = 2-4.2]	
* Spleen		Hematopoietic Cell Proliferation	Marked
		[Hematopoietic Cell Proliferation TGLS = 3-3]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 181

TRT#: 5

SEX: Male

DAY ON TEST: 455

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Lung
- * Pancreas
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Adrenal Medulla
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Parathyroid Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Bone Marrow
- * Gallbladder
- * Intestine Large, Rectum
- * Kidney
- * Nose
- * Prostate
- * Spleen
- * Thymus

MISSING

- * Mammary Gland

OBSERVATIONS

- * Islets, Pancreatic
- * Liver
- Preputial Gland

Hyperplasia
 Fatty Change
 Cyst
 Inflammation

Minimal
 Moderate
 Chronic, Mild

[Cyst TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 182

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Mineralization	Mild
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Mineralization	Minimal
* Liver	Angiectasis	Mild
[Angiectasis TGLS = 2+3-2.11]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 1-10]	Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 183

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-2]			
* Kidney	Renal Tubule	Regeneration	Minimal
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 184

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Moderate
Mesentery		Cyst	
Note: ONLY FAT SEEN IN SLIDES OF MESENTERIC NODULE TGL 1			
Note: CYST RESEMBLES PANCREATIC DUCT			
[Cyst TGLS = 3-11]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Mild
[Cyst TGLS = 2-10]			
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 185

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-6.1]			
* Kidney		Cyst	
		Infarct	Mild
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 186

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Gallbladder | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * 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 |
|-----------------|---------------------|

OBSERVATIONS

- | | | | |
|------------------|--------------|--------------|-------------------|
| * Adrenal Cortex | Capsule | Hyperplasia | Mild |
| * Kidney | Renal Tubule | Regeneration | Minimal |
| * Nose | | Inflammation | Chronic, Mild |
| Preputial Gland | | Cyst | |
| | | Inflammation | Chronic, Moderate |

[Cyst TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 187

TRT#: 5

SEX: Male

DAY ON TEST: 275

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Islets, Pancreatic	* Mammary Gland	* Pancreas
----------------------	-----------------	------------

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Nose	Inflammation	Chronic, Focal, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 1-9]		
* Salivary Glands	Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 188

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Bone

* Bone Marrow

* Brain

* Epididymis

* Esophagus

* Gallbladder

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Lung

* Lymph Node, Mandibular

* Pancreas

* Pituitary Gland

* Prostate

* Salivary Glands

* Seminal Vesicle

* Skin

* Spleen

* Stomach, Forestomach

* Stomach, Glandular

* Testes

* Thymus

* Thyroid Gland

* Trachea

* Urinary Bladder

MISSING

* Lymph Node, Mesenteric

* Mammary Gland

* Parathyroid Gland

OBSERVATIONS

* Islets, Pancreatic

Hyperplasia

Mild

* Kidney

Renal Tubule

Regeneration

Mild

* Liver

Basophilic Focus

Hepatocellular Adenoma

[Basophilic Focus TGLS = 3-2.1]

[Hepatocellular Adenoma TGLS = 2-2.1]

* Nose

Inflammation

Chronic, Mild

Preputial Gland

Cyst

Dilatation

Mild

Inflammation

Acute, Marked

[Cyst TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 189

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* 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

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Brain	Mineralization	Minimal
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Intestine Small, Jejunum	Hyperplasia	Lymphoid, Minimal
* Kidney	Hyperplasia	Lymphoid, Moderate
Preputial Gland	Cyst	
	Inflammation	Acute, Marked
[Cyst TGLS = 2-10]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 190

TRT#: 5

SEX: Male

DAY ON TEST: 454

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Basophilic Focus	
* Nose	Inflammation	Chronic, Mild
* Urinary Bladder	Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 191	TRT#: 5	SEX: Male	DAY ON TEST: 454
	DOSE: 250 PPM	DISP: Scheduled Sacrifice	HISTO: 88186191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* 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
-----------------	---------------------

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 192

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-6+6.1]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 193

TRT#: 5

SEX: Male

DAY ON TEST: 275

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Lung	Peribronchial	Inflammation	Chronic, Mild
* Nose		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 194

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* 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

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Glomerulosclerosis	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 4-2+2.1,3-2.2]		
	[Hepatocellular Carcinoma TGLS = 3-2.2]		
* Lymph Node, Mesenteric		Hyperplasia	Marked
	[Hyperplasia TGLS = 2-5]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Marked
	[Inflammation TGLS = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 5-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 195

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Bone Marrow		Hyperplasia	Neutrophil, Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
Penis			
Note: NORMAL PENIS IS SURROUNDED BY INFLAMMATORY TISSUE			
Preputial Gland		Inflammation	Acute, Marked
[Inflammation TGLS = 2-11]			
* Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 3-4.1]			
* Skin		Ulcer	Marked
[Ulcer TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-3]			
* Urinary Bladder		Ectasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 196

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Moderate
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		[Hepatoblastoma TGLS = 4-2.2]	
		[Hepatocellular Adenoma TGLS = 3-1,6-2.1,7-2.1,5-2.3,8-2.3]	
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Moderate
		[Dilatation TGLS = 1-10]	
* Seminal Vesicle		Dilatation	Marked
		[Dilatation TGLS = 2-4.1]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 197

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-6.1]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 2-2.1]			
* Lung	Alveolar Epith	Hyperplasia	Mild
Preputial Gland		Cyst	
		Dilatation	Marked
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 198

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 3-2.2]		
	[Hepatocellular Adenoma TGLS = 1-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 2-1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 199

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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
-----------------	----------

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-1.1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Marked
	[Cyst TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 200

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Heart
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Pituitary Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Adrenal Medulla
- * Epididymis
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Prostate
- * Spleen
- * Thymus

- * Bone
- * Esophagus
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Pancreas
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Bone Marrow
- * Gallbladder
- * Intestine Small, Duodenum
- * Liver
- * Parathyroid Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

MISSING

- * Mammary Gland

OBSERVATIONS

- * Intestine Large, Cecum
- * Kidney
- * Lung

Renal Tubule

[Hemorrhage TGLS = 2-1]

- * Nose
- Preputial Gland

- Hyperplasia
- Regeneration
- Hemorrhage

- Inflammation
- Dilatation

- Lymphoid, Marked
- Minimal
- Focal, Moderate

- Chronic, Mild
- Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: NO FOCI IN ORIGINAL SLIDE OR RECUT TGL 1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 201

TRT#: 5

SEX: Male

DAY ON TEST: 601

DOSE: 250 PPM

DISP: Natural Death

HISTO: 891263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Heart	* Kidney	* Lung
* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	

MISSING

* Esophagus	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Brain	Mineralization	Mild
* Islets, Pancreatic	Hyperplasia	Moderate
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-2.1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 202

TRT#: 5

SEX: Male

DAY ON TEST: 274

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Degeneration	Hyaline, Minimal
		Inflammation	Chronic, Focal, Mild
		Metaplasia	Squamous, Mild
* Prostate		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 203

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		[Eosinophilic Focus TGLS = 6-2.1]	
		[Hepatocellular Adenoma TGLS = 1+2+3+5-2]	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Marked
		[Cyst TGLS = 4-10]	
* Stomach, Glandular		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 204

TRT#: 5

SEX: Male

DAY ON TEST: 626

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 891265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Focal, Mild
* Brain	Mineralization	Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Marked
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-2+2.1]		
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5]		
Preputial Gland	Cyst	
[Cyst TGLS = 1-10]		
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 205

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 206

TRT#: 5

SEX: Male

DAY ON TEST: 274

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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
-----------------	------------

OBSERVATIONS

* Nose	Inflammation	Chronic, Focal, Mild
--------	--------------	----------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 207

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 250 PPM

DISP: Natural Death

HISTO: 891267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Kidney	* Lung	* Lymph Node, Mandibular	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

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

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder	

OBSERVATIONS

* Brain	Mineralization	Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-2.1+2.2,5-2.2]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 1-10]		
* Seminal Vesicle	Dilatation	Moderate
[Dilatation TGLS = 2-4.1]		
* Spleen	Depletion Lymphoid	Moderate
[Depletion Lymphoid TGLS = 3-3]		
* Stomach, Glandular	Erosion	Mild
[Erosion TGLS = 7-6.1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 208

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-2.1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]		Dilatation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 209

TRT#: 5

SEX: Male

DAY ON TEST: 610

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 891269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Thymus		

OBSERVATIONS

* Brain	Mineralization	Mild
* Liver	Basophilic Focus	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[Basophilic Focus TGLS = 3-2.2]		
[Hepatocellular Adenoma TGLS = 4-2.3]		
[Hepatocellular Carcinoma TGLS = 1-2.1]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 2-1]		
Preputial Gland	Dilatation	Moderate
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 210

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* 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

* Intestine Small, Jejunum	* Mammary Gland	* Parathyroid Gland
----------------------------	-----------------	---------------------

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-6.1]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-2.2]			
[Hepatocellular Carcinoma TGLS = 3-2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 4-1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:09

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 211

TRT#: 7

SEX: Male

DAY ON TEST: 574

DOSE: 500 PPM

DISP: Natural Death

HISTO: 890471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular
* Urinary Bladder			

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-2.1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:09
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 212

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Kidney	Mineralization	Minimal
* Liver	Fatty Change	Minimal
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 1-10]		
* Seminal Vesicle	Dilatation	Moderate
[Dilatation TGLS = 2-4.1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 213

TRT#: 7

SEX: Male

DAY ON TEST: 275

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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
-----------------	------------

OBSERVATIONS

* Brain	Mineralization	Focal, Mild
* Nose	Inflammation	Chronic, Focal, Mild
	Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 214

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
		[Eosinophilic Focus TGLS = 6-2.1]	
		[Hepatocellular Adenoma TGLS = 3-2]	
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Minimal
		[Alveolar/Bronchiolar Adenoma TGLS = 4-1]	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Acute, Marked
		[Cyst TGLS = 2-10]	
		[Inflammation TGLS = 1-10]	
* Stomach, Forestomach		Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 214

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890473

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 5-6.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 215

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex [Fibrosis TGLS = 9-11]		Fibrosis	Mild
* Intestine Large, Cecum		Lymphoma Malignant Mixed	
* Intestine Small, Ileum [Lymphoma Malignant Mixed TGLS = 3-6+6.2]		Lymphoma Malignant Mixed	
* Kidney	Renal Tubule	Degeneration	Granular, Moderate
* Liver [Necrosis TGLS = 14-2.1]		Necrosis	Focal, Moderate
Lymph Node	Lymphatic, Renal	Angiectasis	Mild
	Lumbar	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Fibrosis	Mild
		Lymphoma Malignant Mixed	
Note: STOMACH MASS IS ACTUALLY MESENTERIC LN TGL 10 [Fibrosis TGLS = 11-5.1] [Lymphoma Malignant Mixed TGLS = 7-11,4-5.1+5.2,6-12]			
* Nose		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 215	TRT#: 7 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 890474
-----------------------	--	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Cyst	
[Cyst TGLS = 1-10]	Dilatation	Marked
* Spleen	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-3.1]		
* Thymus	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 11-5]		
Tongue	Pigmentation	Focal, Mild
[Pigmentation TGLS = 13-13]		

PRIMARY CAUSE OF DEATH -

Animal Note: ADRENAL IS ON SLIDE 11

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 216

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 217

TRT#: 7

SEX: Male

DAY ON TEST: 687

DOSE: 500 PPM

DISP: Natural Death

HISTO: 890476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* 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
-----------------	----------

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Moderate
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Intestine Small, Jejunum		Inflammation	Acute, Moderate
	[Inflammation TGLS = 4-6.1]		
* Liver		Eosinophilic Focus	
	Artery	Hepatocellular Adenoma	Multiple
		Inflammation	Acute, Marked
		Thrombosis	
	[Hepatocellular Adenoma TGLS = 6-2,8-2,7-2.1]		
	[Thrombosis TGLS = 9-2]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 3-5.1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-3.1]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 217

TRT#: 7

SEX: Male

DAY ON TEST: 687

DOSE: 500 PPM

DISP: Natural Death

HISTO: 890476

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 218

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
-----------------	-------------------

OBSERVATIONS

* Brain		Mineralization	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-2,3-2,4-2.1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Acute, Marked
	[Cyst TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 219

TRT#: 7

SEX: Male

DAY ON TEST: 455

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

OBSERVATIONS

* Brain	Mineralization	Mild
* Liver	Basophilic Focus	
* Nose	Inflammation	Chronic, Mild
* Prostate	Inflammation	Acute, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 220

TRT#: 7

SEX: Male

DAY ON TEST: 654

DOSE: 500 PPM

DISP: Natural Death

HISTO: 890530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Rectum	* Islets, Pancreatic
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Skin
* Stomach, Forestomach	* Testes	* Trachea	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Bone Marrow	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular	

OBSERVATIONS

* Epididymis	Lymphoma Malignant Lymphocytic
* Intestine Small, Duodenum [Lymphoma Malignant Lymphocytic TGLS = 4-6.1]	Lymphoma Malignant Lymphocytic
* Kidney [Lymphoma Malignant Lymphocytic TGLS = 5-3]	Lymphoma Malignant Lymphocytic
* Liver [Clear Cell Focus TGLS = 8+9-2.1] [Lymphoma Malignant Lymphocytic TGLS = 7-2]	Clear Cell Focus Fatty Change Lymphoma Malignant Lymphocytic
	Moderate
* Lung [Lymphoma Malignant Lymphocytic TGLS = 11-1+1.1]	Lymphoma Malignant Lymphocytic
Lymph Node Renal [Lymphoma Malignant Lymphocytic TGLS = 10-5.1,2-5,6-11]	Lymphoma Malignant Lymphocytic
* Lymph Node, Mandibular [Lymphoma Malignant Lymphocytic TGLS = 10-5.1,2-5,6-11]	Lymphoma Malignant Lymphocytic
* Lymph Node, Mesenteric [Lymphoma Malignant Lymphocytic TGLS = 10-5.1,2-5,6-11]	Lymphoma Malignant Lymphocytic
* Nose	Lymphoma Malignant Lymphocytic
* Pancreas	Lymphoma Malignant Lymphocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 220

TRT#: 7

SEX: Male

DAY ON TEST: 654

DOSE: 500 PPM

DISP: Natural Death

HISTO: 890530

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland [Cyst TGLS = 1-10]	Cyst
* Salivary Glands	Lymphoma Malignant Lymphocytic
* Seminal Vesicle	Lymphoma Malignant Lymphocytic
* Spleen [Lymphoma Malignant Lymphocytic TGLS = 3-3]	Lymphoma Malignant Lymphocytic
* Thymus	Lymphoma Malignant Lymphocytic
* Thyroid Gland	Lymphoma Malignant Lymphocytic
* Urinary Bladder	Lymphoma Malignant Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 221

TRT#: 7

SEX: Male

DAY ON TEST: 274

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
---------------	--------------------------	-----------------	---------------------

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Fatty Change	Moderate
* Nose	Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 222

TRT#: 7

SEX: Male

DAY ON TEST: 454

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum	* Mammary Gland	* Parathyroid Gland	* Thymus
--------------------------	-----------------	---------------------	----------

OBSERVATIONS

* Brain		Mineralization	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
* Nose		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal
* Salivary Glands		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 223

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	
		Fatty Change	Moderate
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2-2,3-2,4-2.1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Marked
	[Dilatation TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 224

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

OBSERVATIONS

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-6.1]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-5.1]			
* Nose		Inflammation	Chronic, Moderate
Preputial Gland		Dilatation	Moderate
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 225

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Brain	Mineralization	Minimal
Harderian Gland	Carcinoma	
[Carcinoma TGLS = 3-11]		
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-2.1]		
* Lung	Alveolar/Bronchiolar Adenoma	
Preputial Gland	Carcinoma	Metastatic (Harderian Gland)
	Cyst	
[Cyst TGLS = 5-10]	Dilatation	Marked
[Dilatation TGLS = 1-10]		
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 226

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
-----------------	-------------------

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Moderate
[Regeneration TGLS = 5-3]			
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 3-2]			
[Hepatocellular Adenoma TGLS = 4-2]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Chronic, Mild
Note: GLAND LOOKS SMALL IN CONTRAST TO GLANDS WITH CYSTS			
[Inflammation TGLS = 1-10]			
* Seminal Vesicle		Dilatation	Moderate
[Dilatation TGLS = 2-4.1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 227

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* 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
-----------------	----------

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-6.1]			
* Kidney	Renal Tubule	Mineralization	Minimal
		Regeneration	Mild
* Liver		Fatty Change	Focal, Mild
		Hepatocellular Adenoma	
[Fatty Change TGLS = 5-2.1]			
[Hepatocellular Adenoma TGLS = 4-2.1]			
* Lymph Node, Mesenteric		Congestion	Mild
[Congestion TGLS = 3-5]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Marked
[Dilatation TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 228

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 3-6+6.1]		Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver [Hepatocellular Adenoma TGLS = 2-2]		Hepatocellular Adenoma	Multiple
* Nose Preputial Gland [Dilatation TGLS = 1-10]		Inflammation Dilatation	Chronic, Mild Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 229

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Bone Marrow		Mast Cell Tumor Nos	
* Brain		Mineralization	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	
		Glomerulosclerosis	Mild
[Cyst TGLS = 4-3.1]			
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 5-2]			
[Hepatocellular Carcinoma TGLS = 8-2.1]			
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 7-1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-5.1]			
* Nose		Inflammation	Chronic, Moderate
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			
* Spleen		Mast Cell Tumor Nos	
[Mast Cell Tumor Nos TGLS = 3-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 229

TRT#: 7
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 890484

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Hyperplasia	Mild
----------	----------------	-------------	------

PRIMARY CAUSE OF DEATH	-
------------------------	---

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 230

TRT#: 7

SEX: Male

DAY ON TEST: 275

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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

* Liver		Fatty Change	Minimal
* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 231

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland	* Thymus
---------------	-----------------	----------

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Marked
[Hyperplasia TGLS = 9-5]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatoblastoma TGLS = 6-2.1,2.2,2.3]			
[Hepatocellular Adenoma TGLS = 4-2.2,5-2.2,11-2.2,12-2.4,7-2,10-2,2-2.1,3-2.1]			
* Lung		Hepatoblastoma	Metastatic (Liver)
[Hepatoblastoma TGLS = 8-1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Chronic, Marked
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 232

TRT#: 7

SEX: Male

DAY ON TEST: 454

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Brain	Mineralization	Minimal
* Islets, Pancreatic	Hyperplasia	Minimal
* Liver	Fatty Change	Minimal
* Salivary Glands	Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 233

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Intestine Large, Cecum [Hyperplasia TGLS = 3-6.1]		Hyperplasia	Lymphoid, Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Marked
[Dilatation TGLS = 2-10]			
* Skin		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-11]			
* Spleen		Hemangiosarcoma	
* Testes	Seminif Tub	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 234

TRT#: 7

SEX: Male

DAY ON TEST: 455

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
* Nose		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 235

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* 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

* Intestine Large, Cecum [Hyperplasia TGLS = 6-6.1]		Hyperplasia	Lymphoid, Mild
* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 2-6]		Lymphoma Malignant Mixed	
* Kidney	Renal Tubule	Regeneration	Mild
* Liver [Hepatocellular Adenoma TGLS = 3+4-2]		Hepatocellular Adenoma	Multiple
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
Preputial Gland [Cyst TGLS = 1-10] [Dilatation TGLS = 1-10]		Cyst Dilatation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 236

TRT#: 7

SEX: Male

DAY ON TEST: 275

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

INSUFFICIENT TISSUE

- * Adrenal Medulla

OBSERVATIONS

- | | | | |
|---------|---------------|----------------|----------------------|
| * Brain | | Mineralization | Focal, Minimal |
| * Lung | Peribronchial | Inflammation | Chronic, Mild |
| * Nose | | Degeneration | Hyaline, Mild |
| | | Inflammation | Chronic, Focal, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 237

TRT#: 7

SEX: Male

DAY ON TEST: 275

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 238

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 2-6.1]	Hyperplasia	Lymphoid, Moderate
* Liver [Clear Cell Focus TGLS = 3-2.1]	Clear Cell Focus	
* Nose Preputial Gland	Inflammation Dilatation	Chronic, Mild Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 239

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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
-----------------	----------

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
* Brain	Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 3-6.1+6]	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic	Hyperplasia	Minimal
* Liver [Hepatocellular Carcinoma TGLS = 2-2+2.1]	Hepatocellular Carcinoma	
* Nose	Inflammation	Chronic, Mild
Preputial Gland [Dilatation TGLS = 1-10]	Dilatation	Marked
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 240

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* 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
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-6]			
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-6]			
* Islets, Pancreatic		Hyperplasia	Marked
[Hyperplasia TGLS = 2+6-5.1]			
* Kidney	Renal Tubule	Mineralization	Minimal
		Regeneration	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-2,7-2.1]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Moderate

Note: TESTICULAR FOCUS IS ADHERENT FAT TGL 5

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 240	TRT#: 7	SEX: Male	DAY ON TEST: 736
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 890490

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
------------------------	---

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 241

TRT#: 7
DOSE: 500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 618
HISTO: 890491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Rectum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
-----------------	---------------------	-------------------

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-2.1]		
	[Hepatocellular Carcinoma TGLS = 3-2.2]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 242	TRT#: 7 DOSE: 500 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 890492
-----------------------	--	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	
		[Hepatoblastoma TGLS = 3-2.1]	
		[Hepatocellular Adenoma TGLS = 2-2]	
Mesentery		Hepatoblastoma	Metastatic (Liver)
		[Hepatoblastoma TGLS = 4-2.1]	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Mild
		[Dilatation TGLS = 1-10]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 243

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
-----------------	---------------------	-------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver			
Note: NO LIVER FOCUS SEEN IN ORIGINAL SLIDE OR RECUT TGL 2			
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-1.1]		
* Nose		Inflammation	Chronic, Moderate
* Pituitary Gland			
Note: TISSUE IS ACTUALLY BLOOD VESSEL AND FAT			
Preputial Gland		Cyst	
		Dilatation	Marked
	[Cyst TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 244

TRT#: 7

SEX: Male

DAY ON TEST: 454

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Brain	Mineralization	Mild
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
[Cyst TGLS = 1-9]		
* Salivary Glands	Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 245

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 3-2.2]	
		[Hepatocellular Carcinoma TGLS = 2-2.1]	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Moderate
		Inflammation	Acute, Marked
		[Dilatation TGLS = 1-10]	
* Stomach, Glandular		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 246

TRT#: 7

SEX: Male

DAY ON TEST: 275

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Pancreas
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

- * Adrenal Medulla
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Liver
- * Parathyroid Gland
- * Skin
- * Testes

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Pituitary Gland
- * Spleen
- * Thymus

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

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|-------------------|---------------|---------------------------------|----------------------|
| * Lung | Peribronchial | Inflammation | Chronic, Minimal |
| * Nose | | Inflammation | Chronic, Focal, Mild |
| * Salivary Glands | | Inflammation | Chronic, Focal, Mild |
| * Urinary Bladder | | Calculus Micro Observation Only | |

[Calculus Micro Observation Only TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 247

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic	Hyperplasia	Minimal
* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-2]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Dilatation	Marked
[Dilatation TGLS = 2-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 248

TRT#: 7

SEX: Male

DAY ON TEST: 274

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* 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

* Brain	Mineralization	Focal, Minimal
* Nose	Inflammation	Chronic, Focal, Mild
* Salivary Glands	Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 249

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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
-----------------	---------------------

OBSERVATIONS

* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2.1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Dilatation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 250

TRT#: 7

SEX: Male

DAY ON TEST: 275

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Mineralization	Focal, Minimal
* Nose	Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 251

TRT#: 7

SEX: Male

DAY ON TEST: 454

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Prostate	
-----------------	---------------------	------------	--

OBSERVATIONS

* Nose	Inflammation	Chronic, Mild
* Salivary Glands	Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 252

TRT#: 7

SEX: Male

DAY ON TEST: 735

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Prostate			

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Mineralization	Minimal
* Liver	Eosinophilic Focus	
	Fatty Change	Mild
	Hepatoblastoma	
	Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 8-2.2]		
[Hepatoblastoma TGLS = 2-2]		
[Hepatocellular Adenoma TGLS = 3,4,6,7,8-2+2.1+2.2]		
* Lung	Inflammation	Chronic, Mild
[Inflammation TGLS = 5-1.1]		
Preputial Gland	Dilatation	Marked
[Dilatation TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 253

TRT#: 7

SEX: Male

DAY ON TEST: 455

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Mild
* Pancreas		Inflammation	Chronic, Focal, Mild
Preputial Gland		Dilatation	Moderate

[Dilatation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 254	TRT#: 7	SEX: Male	DAY ON TEST: 455
	DOSE: 500 PPM	DISP: Scheduled Sacrifice	HISTO: 88186254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Liver [Hepatocellular Adenoma TGLS = 1-2]	Hepatocellular Adenoma	Multiple
* Nose	Inflammation	Chronic, Mild
* Salivary Glands	Inflammation	Chronic, Focal, Mild
* Stomach, Glandular	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 255

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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
-----------------	------------

OBSERVATIONS

* Islets, Pancreatic [Adenoma TGLS = 3-5.1]		Adenoma	
* Kidney	Renal Tubule	Mineralization Regeneration Fatty Change Hepatocellular Adenoma	Minimal Minimal Focal, Mild
* Liver [Fatty Change TGLS = 4,5-2,2.1.1] [Hepatocellular Adenoma TGLS = 3-5.1]			
* Nose Preputial Gland [Cyst TGLS = 1-10] [Dilatation TGLS = 2-10]		Inflammation Cyst Dilatation	Chronic, Mild Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 256	TRT#: 7	SEX: Male	DAY ON TEST: 733
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 890499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 5-2,4-2.1,6-2.1]		
Preputial Gland		Dilatation	Mild
	Note: LEFT PREPUTIAL GL MISSING. TGL 1		
	[Dilatation TGLS = 2-10]		
* Skin		Inflammation	Chronic, Marked
	[Inflammation TGLS = 3-11]		
Tongue		Hemorrhage	Focal, Moderate
	[Hemorrhage TGLS = 7-12]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 257

TRT#: 7

SEX: Male

DAY ON TEST: 275

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lung
- * Pituitary Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Bone
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Prostate
- * Spleen
- * Thymus

- * Bone Marrow
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Pancreas
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Liver
- * Parathyroid Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

MISSING

* Lymph Node, Mandibular

* Mammary Gland

INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

- * Brain
- * Nose

- Mineralization
- Degeneration
- Inflammation
- Cyst

- Focal, Minimal
- Hyaline, Mild
- Chronic, Focal, Mild

Preputial Gland

[Cyst TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 258

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Brain	Mineralization	Mild
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Marked
* Kidney	Mineralization	Minimal
* Liver	Eosinophilic Focus	
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
	Inflammation	Acute, Marked

[Cyst TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 259

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* 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

* Brain		Mineralization	Mild
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-6]			
* Kidney	Renal Tubule	Regeneration	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Marked
[Dilatation TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 260

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla	* Mammary Gland	* Parathyroid Gland
-------------------	-----------------	---------------------

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Kidney		Nephropathy	Mild
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 5-2.1.1]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Depletion Cellular	Mild
[Depletion Cellular TGLS = 1-10]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-3,4-3,3-3.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 261

TRT#: 7

SEX: Male

DAY ON TEST: 684

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 890503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic	Hyperplasia	Moderate
* Liver	Hepatocellular Carcinoma	Multiple
	Necrosis	Focal, Minimal
[Hepatocellular Carcinoma TGLS = 3,5-2.1]		
[Necrosis TGLS = 4-2.1]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-1]		
* Nose	Inflammation	Chronic, Mild
* Pancreas	Hemangiosarcoma	Metastatic (Spleen)
[Hemangiosarcoma TGLS = 8-5]		
Preputial Gland	Cyst	
[Cyst TGLS = 2-10]		
* Seminal Vesicle	Depletion Cellular	Mild
[Depletion Cellular TGLS = 9-4.1]		
* Spleen	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 7-3.1]		
* Stomach, Glandular	Erosion	Mild
[Erosion TGLS = 10-6.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 261

TRT#: 7

SEX: Male

DAY ON TEST: 684

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 890503

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: ONE ADRENAL ON SLIDE 5, OTHER ON SLIDE 7

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 262

TRT#: 7

SEX: Male

DAY ON TEST: 736

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 4-2.1]		
	[Hepatocellular Adenoma TGLS = 3-2.1,4-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 263

TRT#: 7

SEX: Male

DAY ON TEST: 275

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Liver	Fatty Change	Minimal
* Nose	Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 264

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-6.1]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Mineralization	Mild
		Regeneration	Minimal
* Liver		Fatty Change	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Dilatation	Marked
[Cyst TGLS = 1-10]			
[Dilatation TGLS = 1-10]			
* Skin		Fibroma	
[Fibroma TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 265

TRT#: 7

SEX: Male

DAY ON TEST: 455

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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
-----------------	---------------------

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Fatty Change	Mild
Preputial Gland		Dilatation	Moderate
[Dilatation TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 266

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Atrophy	Moderate
* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		[Eosinophilic Focus TGLS = 3-2.1]	
		[Hepatocellular Adenoma TGLS = 2-2.1,3-2.1,4-2.1]	
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
		Inflammation	Chronic, Moderate
		[Inflammation TGLS = 1-10]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 267

TRT#: 7

SEX: Male

DAY ON TEST: 454

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Prostate
-----------------	------------

OBSERVATIONS

* Kidney		Casts	
	Renal Tubule	Regeneration	Mild
* Liver		Fatty Change	Minimal
	[Hepatocellular Carcinoma TGLS = 3-9]	Hepatocellular Carcinoma	
	Preputial Gland	Cyst	
	[Cyst TGLS = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 268

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-11]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-6.1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Mineralization	Mild
		Regeneration	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3,4,5-2.1]		Fatty Change	Mild
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			
* Stomach, Glandular		Hyperplasia	Moderate
[Hyperplasia TGLS = 7-6.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 269

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Brain	Mineralization	Mild
* Islets, Pancreatic [Hyperplasia TGLS = 7-5]	Hyperplasia	Marked
* Liver	Eosinophilic Focus	
	Fatty Change	Mild
	Hepatoblastoma	
	Hepatocellular Adenoma	Multiple
	Necrosis	Focal, Mild
	[Hepatoblastoma TGLS = 4-2]	
	[Hepatocellular Adenoma TGLS = 3-2,5-2.1,6-2.1,8-2.1]	
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
	Dilatation	Marked
	[Cyst TGLS = 1-10]	
* Spleen	Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLS = 2-3]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 270

TRT#: 7

SEX: Male

DAY ON TEST: 647

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 890509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Bone		Hyperostosis	Moderate
[Hyperostosis TGLS = 2-11]			
* Bone Marrow		Hyperplasia	Neutrophil, Marked
* Brain		Compression	Marked
		Hemorrhage	Focal, Moderate
		Mineralization	Mild
* Heart		Inflammation	Chronic, Focal, Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]		Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 5-2]			
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Marked
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Marked
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 3-7]			
Preputial Gland		Infiltration Cellular	Plasma Cell, Moderate
* Spleen		Infiltration Cellular	Plasma Cell, Moderate
* Stomach, Forestomach		Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 270

TRT#: 7
DOSE: 500 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 647
HISTO: 890509

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 6-6.1]

* Testes
* Urinary Bladder

Seminif Tub
Perivascular

Atrophy
Concretion
Inflammation

Mild
Moderate
Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 271

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Necrosis	Focal, Minimal
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 272

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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
-----------------	---------------------

OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Small, Jejunum [Hyperplasia TGLS = 2-6.1]	Hyperplasia	Lymphoid, Marked
* Kidney	Mineralization	Minimal
* Liver	Eosinophilic Focus	
	Fatty Change	Mild
	Hepatocellular Adenoma	
	Necrosis	Focal, Minimal
		[Hepatocellular Adenoma TGLS = 4-2.1]
		[Necrosis TGLS = 3-2]
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
	Dilatation	Marked
		[Cyst TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 273

TRT#: 7

SEX: Male

DAY ON TEST: 700

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 890512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	Peripheral Nerve
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Rectum	* Mammary Gland	* Parathyroid Gland	* Thymus
---------------------------	-----------------	---------------------	----------

OBSERVATIONS

* Brain	Mineralization	Minimal
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Moderate
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst	
	Dilatation	Marked
[Dilatation TGLS = 1-10]		
* Seminal Vesicle	Dilatation	Moderate
[Dilatation TGLS = 2-4.1]		
* Spleen	Depletion Lymphoid	Mild
[Depletion Lymphoid TGLS = 3-3]		
* Testes	Hypospermia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 274

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Cyst	
	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 275

TRT#: 7

SEX: Male

DAY ON TEST: 626

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 890514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Kidney	Infarct	Mild
* Liver	Hepatocellular Adenoma Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-2] [Hepatocellular Carcinoma TGLS = 1-2.1]		
* Nose	Inflammation	Chronic, Mild
Preputial Gland	Cyst Inflammation	Chronic, Marked
[Cyst TGLS = 4-10]		
* Prostate	Atrophy	Moderate
* Seminal Vesicle	Depletion Cellular	Marked
[Depletion Cellular TGLS = 5-4.1]		
* Testes	Hypospermia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 276

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
		Inflammation	Chronic, Focal, Mild
	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 2-2.1]		
	[Hepatocellular Adenoma TGLS = 2+3-2.1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Dilatation	Moderate
	[Dilatation TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 277

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* 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
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Bone Marrow		Hyperplasia	Neutrophil, Moderate
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 13-6+6.1]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Clear Cell Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatoblastoma TGLS = 11-2.3]			
[Hepatocellular Adenoma TGLS = 8-2,10-2.1,6-2.2,7-2.3,9+12-2.4]			
[Hepatocellular Carcinoma TGLS = 6-2.2]			
* Lymph Node, Mesenteric		Congestion	Mild
[Congestion TGLS = 5-5]			
Mesentery		Mineralization	Marked
	Fat	Necrosis	Marked
[Necrosis TGLS = 4-11]			
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 277

TRT#: 7

SEX: Male

DAY ON TEST: 734

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890516

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-10]

[Inflammation TGLS = 1-10,2-10]

Inflammation

Chronic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 278

TRT#: 7

SEX: Male

DAY ON TEST: 733

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-2.1]		
* Nose		Inflammation	Chronic, Mild
Preputial Gland		Cyst	
	[Cyst TGLS = 1-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 279

TRT#: 7

SEX: Male

DAY ON TEST: 707

DOSE: 500 PPM

DISP: Natural Death

HISTO: 890518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Heart	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Adrenal Medulla	* Mammary Gland	Preputial Gland	* Thymus
-------------------	-----------------	-----------------	----------

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Urinary Bladder		

OBSERVATIONS

* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Degeneration	Granular, Marked
* Liver		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
		Necrosis	Focal, Marked
	[Hepatocellular Carcinoma TGLS = 2-2.1]		
	[Necrosis TGLS = 3-2]		
* Lung		Histiocytic Sarcoma	
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 1-3]		
* Stomach, Glandular		Erosion	Mild
	[Erosion TGLS = 4-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 280

TRT#: 7
DOSE: 500 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 733
HISTO: 890519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 4-6+6.1]	Hyperplasia	Lymphoid, Moderate
* Kidney	Mineralization	Mild
* Liver [Hepatocellular Adenoma TGLS = 1-2]	Hepatocellular Adenoma	
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 3-1.1]	Alveolar/Bronchiolar Adenoma	
* Nose Preputial Gland [Dilatation TGLS = 2-10]	Inflammation Dilatation	Chronic, Mild Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 296

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla	* Parathyroid Gland
-------------------	---------------------

OBSERVATIONS

* Brain		Mineralization	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 297

TRT#: 2

SEX: Female

DAY ON TEST: 455

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Rectum	* Parathyroid Gland
---------------------------	---------------------

OBSERVATIONS

* Brain	Mineralization	Minimal
* Liver	Necrosis	Focal, Mild
* Nose	Inflammation	Chronic, Mild
* Ovary	Cystadenoma	
[Cystadenoma TGLS = 1-4]		
* Salivary Glands	Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 298

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Clitoral Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 2-6.1]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 299

TRT#: 2

SEX: Female

DAY ON TEST: 281

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla	* Parathyroid Gland
-------------------	---------------------

OBSERVATIONS

* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 300

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 67
HISTO: 872394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex [Congestion TGLS = 1-7]	Congestion	Minimal
* Liver [Congestion TGLS = 2-2]	Congestion	Mild
* Lung [Congestion TGLS = 3-1]	Congestion	Mild
* Lymph Node, Mesenteric	Depletion Lymphoid	Marked
* Nose	Inflammation	Chronic, Mild
* Spleen	Depletion Lymphoid	Mild
* Thymus	Depletion Lymphoid	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 301	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 628 HISTO: 890599
-----------------------	--------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Heart	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
Clitoral Gland		Dilatation	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-6.1]			
* Kidney		Hemorrhage	Focal, Moderate
[Hemorrhage TGLS = 3-3]			
* Liver		Autolysis	Moderate
[Autolysis TGLS = 2-2]		Necrosis	Focal, Minimal
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-7]			
Tongue		Angiectasis	Mild
[Angiectasis TGLS = 6-11]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 302

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 746
HISTO: 890600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-4+4.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 303

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 747
HISTO: 890601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Minimal
Harderian Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 7-11]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 10-6+6.1]			
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-12]			
* Kidney		Fatty Change	Mild
* Liver		Basophilic Focus	
		Lymphoma Malignant Mixed	
[Basophilic Focus TGLS = 9-2]			
[Lymphoma Malignant Mixed TGLS = 8-2]			
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-13,4-5.1,6-14]			
[Lymphoma Malignant Mixed TGLS = 5-13,4-5.1,6-14]			
[Lymphoma Malignant Mixed TGLS = 5-13,4-5.1,6-14]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 303

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 747
HISTO: 890601

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 5-13,4-5.1,6-14]

* Nose Inflammation
* Spleen Lymphoma Malignant Mixed

Chronic, Mild

[Lymphoma Malignant Mixed TGLS = 3-3]

* Thymus Lymphoma Malignant Mixed

* Uterus Hydrometra
Endometrium Hyperplasia

Marked
Cystic, Minimal

[Hydrometra TGLS = 1-4+4.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 304

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 89-0602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Basophilic Focus	
Note: TGL 2 LIVER NODULE NOT SEEN IN ORIGINAL SLIDE OR RECUT			
[Basophilic Focus TGLS = 3-2,2.1]			
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Histiocytic Sarcoma	
		Hyperplasia	Cystic, Mild
[Histiocytic Sarcoma TGLS = 1-4.1]			
[Hyperplasia TGLS = 4-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 305

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-2]			
* Lymph Node, Mesenteric		Congestion	Marked
[Congestion TGLS = 4-5]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2+3+6-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 306

TRT#: 2

SEX: Female

DAY ON TEST: 455

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Bone

* Bone Marrow

* Esophagus

* Gallbladder

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Kidney

* Liver

* Lung

* Lymph Node, Mandibular

* 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 Small, Duodenum

* Parathyroid Gland

OBSERVATIONS

* Brain

Mineralization

Minimal

* Nose

Inflammation

Chronic, Mild

* Uterus

Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 307

TRT#: 2

SEX: Female

DAY ON TEST: 455

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-9]			
* Nose		Inflammation	Chronic, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 308

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-6+6.1]			
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 1+2-2+2.1]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 309	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 746 HISTO: 890605
-----------------------	--------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Clitoral Gland	Ear	* Esophagus	* Gallbladder
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Heart	* Lung	* Ovary	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 7-6+6.1]			
* Islets, Pancreatic		Hyperplasia	Moderate
[Hyperplasia TGLS = 6-5]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hemangioma	
[Hemangioma TGLS = 5-2.1]			
* Lung			
Note: LUNG LOST IN PROCESSING TGL 1			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 4-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 310

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 673
HISTO: 890606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder
---------------	--------------------------	----------------------------	-------------------

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Glomerulosclerosis	Moderate
* Lung		Inflammation	Chronic, Moderate
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4.2]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 311

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 747
HISTO: 890607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Congestion	Mild
[Congestion TGLS = 3-3.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-4]		Leiomyoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 312

TRT#: 2

SEX: Female

DAY ON TEST: 455

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* 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	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Esophagus	* Lymph Node, Mandibular	* Parathyroid Gland
-------------	--------------------------	---------------------

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Liver		Necrosis	Focal, Minimal
* Nose		Inflammation	Chronic, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 313

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 747
HISTO: 890608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
Clitoral Gland		Dilatation	Moderate
[Dilatation TGLS = 1-10]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 7-6.1]			
* Kidney		Fatty Change	Mild
[Mineralization TGLS = 5-3]		Mineralization	Marked
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 6-2.1]			
* Nose		Inflammation	Chronic, Mild
* Pancreas	Duct	Ectasia	Marked
[Ectasia TGLS = 4-5]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Angiectasis	Moderate
[Angiectasis TGLS = 3-4.1]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 314

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Ovary

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 315

TRT#: 2

SEX: Female

DAY ON TEST: 280

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Lung	Peribronchial	Inflammation	Chronic, Mild
* Nose		Degeneration	Hyaline, Minimal
		Inflammation	Chronic, Focal, Mild
* Pancreas		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 316

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 747
HISTO: 890609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 3-6.1]		Hyperplasia	Lymphoid, Mild
* Ovary [Cyst TGLS = 2-4.1]		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus [Hyperplasia TGLS = 1-4]	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 317

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 747
HISTO: 890610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Clitoral Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Marked
* Brain		Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 2-6.1]		Hyperplasia	Lymphoid, Mild
* Nose		Inflammation	Chronic, Mild
* Uterus [Hyperplasia TGLS = 1-4.1]	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 318

TRT#: 2

SEX: Female

DAY ON TEST: 280

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|-------------------|-------------|--------------|-------------------------|
| * Nose | | Degeneration | Hyaline, Mild |
| | | Inflammation | Chronic, Focal, Mild |
| * Urinary Bladder | | Inflammation | Chronic, Focal, Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 319

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 320

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 321

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 281
HISTO: 872283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Nose		Inflammation	Chronic, Focal, Minimal
* Pancreas		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 322

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant Lymphocytic	
* Brain		Mineralization	Mild
* Liver		Lymphoma Malignant Lymphocytic	
* Lung		Lymphoma Malignant Lymphocytic	
* Nose		Inflammation	Chronic, Mild
* Pancreas		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-5]			
* Pituitary Gland	Pars Distalis	Adenoma	
Skeletal Muscle		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 4-11]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-6.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 323

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-6+6.1]			
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 324

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 571
HISTO: 890614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Clitoral Gland	* Esophagus	* Heart	* Kidney
* Lung	* Lymph Node, Mandibular	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Thymus	* Thyroid Gland
* Trachea			

MISSING

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

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder

OBSERVATIONS

* Brain		Mineralization	Mild
* Liver		Necrosis	Focal, Mild
* Nose		Inflammation	Chronic, Mild
* Ovary		Teratoma Nos	
[Teratoma Nos TGLS = 1-4.2]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2+3-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 325

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 747
HISTO: 890615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-6+6.1]			
* Kidney	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 2-7]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 326	TRT#: 2	SEX: Female	DAY ON TEST: 348
	DOSE: 0 PPM	DISP: Accidentally Killed	HISTO: 88186326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MEDIASTINAL LYMPH NODE NORMAL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 327

TRT#: 2

SEX: Female

DAY ON TEST: 280

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Nose		Degeneration Inflammation	Hyaline, Mild Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 328

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Necrosis	Focal, Minimal
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 330

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-6.1]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-5.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2+3-3]			
Tissue NOS		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 5-11]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 331

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 747
HISTO: 890618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-4]		Polyp Stromal	
[Polyp Stromal TGLS = 4-4.2,5-4.3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 332

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 581
HISTO: 890619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Moderate
* Bone Marrow		Hyperplasia	Neutrophil, Marked
* Kidney		Glomerulosclerosis	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung		Hemorrhage	Focal, Marked
[Hemorrhage TGLS = 5-1]			
Lymph Node	Lumbar	Hematopoietic Cell Proliferation	Marked
	Renal	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 6-11,7-12]			
[Hematopoietic Cell Proliferation TGLS = 6-11,7-12]			
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 6-11,7-12]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-3]			
* Stomach, Forestomach		Ulcer	Marked
[Ulcer TGLS = 8-6.1]			
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 332

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 581
HISTO: 890619

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 2-4]

[Inflammation TGLS = 3-4.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 333

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-1]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Stomach, Glandular	Muscularis	Hypertrophy	Moderate
[Hypertrophy TGLS = 3-6.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 334

TRT#: 2

SEX: Female

DAY ON TEST: 280

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 335

TRT#: 2

SEX: Female

DAY ON TEST: 708

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 890621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Clitoral Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
Clitoral Gl			
Note: GLAND NOT SEEN IN ORIGINAL SLIDE OR RECUT.			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Angiectasis	Minimal
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1+3-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
Tongue		Angiectasis	Moderate
[Angiectasis TGLS = 4-11]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 336

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 747
HISTO: 890622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Small, Ileum [Lymphoma Malignant Mixed TGLS = 1-6.1]		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric [Lymphoma Malignant Mixed TGLS = 2-5.1]		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
* Uterus [Hyperplasia TGLS = 3-4]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 337

TRT#: 2

SEX: Female

DAY ON TEST: 708

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 890623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Spleen

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Compression	Marked
		Mineralization	Mild
* Liver		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Lactation	
* Nose		Inflammation	Chronic, Mild
* Pancreas			
Note: CYST NOT FOUND IN ORIGINAL SLIDE OR RETRIM			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen			

Note: SPLEEN NOT FOUND AT TRIMMING

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 338

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-4]			
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Moderate
[Histiocytic Sarcoma TGLS = 3-4.1]			
[Hyperplasia TGLS = 2-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 339

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 747
HISTO: 890625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Clitoral Gland * Ovary

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 3-2]		
	[Hepatocellular Carcinoma TGLS = 2-2.1]		
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
Tongue		Angiectasis	Moderate
	[Angiectasis TGLS = 5-11]		
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 4-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 340

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 708
HISTO: 890626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Clitoral Gland * Ovary

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Marked
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Liver		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Inflammation	Chronic, Marked
[Inflammation TGLS = 4-5.1]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Skin		Ulcer	Moderate
[Ulcer TGLS = 1-3.1]			
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-3]			
* Uterus	Endometrium	Hydrometra	Marked
		Hyperplasia	Cystic, Minimal
		Polyp Stromal	
[Hydrometra TGLS = 5-4]			
[Polyp Stromal TGLS = 2-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 341

TRT#: 2

SEX: Female

DAY ON TEST: 621

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 890627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Liver	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-6.1]			
* Kidney	Renal Tubule	Degeneration	Granular, Moderate
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-12,6-5,3-5.1,4-11]			
[Lymphoma Malignant Mixed TGLS = 5-12,6-5,3-5.1,4-11]			
[Lymphoma Malignant Mixed TGLS = 5-12,6-5,3-5.1,4-11]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-12,6-5,3-5.1,4-11]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1+8-3.1]			
* Thymus		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 342

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland	* Urinary Bladder
-----------------	---------------------	-------------------

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Nose		Inflammation	Chronic, Mild
* Pancreas	Duct	Ectasia	Marked
[Ectasia TGLS = 1-5]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 343

TRT#: 2

SEX: Female

DAY ON TEST: 685

DOSE: 0 PPM

DISP: Natural Death

HISTO: 890629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Clitoral Gland	* Esophagus	* Heart	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Lymph Node, Mesenteric	* Pituitary Gland
--------------------------	-------------------

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Brain	Mineralization	Mild
* Liver	Hemangiosarcoma	
Note: LIVER AUTOLYZED. DIAGNOSIS TENTATIVE. TGL 4-2 [Hemangiosarcoma TGLS = 4-2]		
* Nose	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2+6-3]		

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 3. NO ANATOMIC CAUSE FOR STOMACH ENLARGEMENT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 344

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 3-6.1]		Hyperplasia	Lymphoid, Mild
* Kidney Mesentery [Necrosis TGLS = 1-11]	Renal Tubule Fat	Regeneration Necrosis	Minimal Moderate
* Nose		Inflammation	Chronic, Mild
* Uterus [Hyperplasia TGLS = 2-4]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 345

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-2.1]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 346

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Moderate
* Kidney		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 347

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 348

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Mineralization	Mild
* Islets, Pancreatic		Adenoma	
* Liver		Necrosis	Focal, Minimal
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
Tissue NOS		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-11]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 349

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 350	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 747 HISTO: 890634
-----------------------	--------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Neutrophil, Mild
* Brain	Mineralization	Moderate
* Intestine Large, Cecum [Hyperplasia TGLS = 14-6.1]	Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Infarct	Mild
* Liver [Hepatocellular Adenoma TGLS = 7+12-2,13-2.1] [Hepatocellular Carcinoma TGLS = 4,5,6-2.2,2.3]	Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma Necrosis	Multiple Multiple Focal, Minimal
* Lung [Hepatocellular Carcinoma TGLS = 9-1,8+10+11-1.1]	Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery [Sarcoma TGLS = 1-5.1+5.11]	Sarcoma	
* Nose	Inflammation	Chronic, Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-3]	Hematopoietic Cell Proliferation	Marked
* Uterus Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 350

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Natural Death

HISTO: 890634

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 1. LESION IN MESENTERY, NOT PANCREATIC LYMPH NODE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 351

TRT#: 2

SEX: Female

DAY ON TEST: 280

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

Clitoral Gland [Cyst TGLS = 1-9]		Cyst	
* Nose		Degeneration Inflammation Diverticulum	Hyaline, Mild Chronic, Focal, Mild Moderate
* Stomach, Forestomach [Diverticulum TGLS = 2-3.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 352

TRT#: 2

SEX: Female

DAY ON TEST: 455

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 88186352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Salivary Glands		Inflammation	Chronic, Focal, Moderate
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Minimal
[Hydrometra TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 353	TRT#: 2	SEX: Female	DAY ON TEST: 281
	DOSE: 0 PPM	DISP: Scheduled Sacrifice	HISTO: 872287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 354

TRT#: 2

SEX: Female

DAY ON TEST: 281

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 355

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Urinary Bladder
-----------------	-------------------

OBSERVATIONS

* Brain	Mineralization	Minimal
* Intestine Large, Cecum [Hyperplasia TGLS = 4-6.1]	Hyperplasia	Lymphoid, Mild
* Nose	Inflammation	Chronic, Mild
* Ovary Note: OVARIAN FOCUS CUT THRU AT SECTIONING		
* Spleen [Lymphoma Malignant Mixed TGLS = 3-3]	Lymphoma Malignant Mixed	
* Urin Bladder Note: NO URINARY BLADDER FOUND AT TRIMMING		
* Uterus [Hydrometra TGLS = 2-4.1]	Hydrometra Endometrium Hyperplasia	Marked Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 356

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 747
HISTO: 890636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-6.1]			
* Kidney		Hyperplasia	Lymphoid, Minimal
* Liver		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 357

TRT#: 2

SEX: Female

DAY ON TEST: 280

DOSE: 0 PPM

DISP: Scheduled Sacrifice

HISTO: 872289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Focal, Mild
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 358

TRT#: 2

SEX: Female

DAY ON TEST: 684

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: 890637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Ovary	* Pituitary Gland
* Salivary Glands	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Stomach, Forestomach
---------------------	------------------------

OBSERVATIONS

* Adrenal Cortex	Lymphoma Malignant Mixed	
* Brain	Mineralization	Moderate
* Gallbladder	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 8-1]		
* Intestine Large, Cecum	Lymphoma Malignant Mixed	
* Kidney	Infarct	Moderate
[Infarct TGLS = 6-3.1]	Lymphoma Malignant Mixed	
* Liver	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9+11-2]		
Lymph Node Lumbar	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-5,7-5.1,10-12]		
* Lymph Node, Mandibular	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-5,7-5.1,10-12]		
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-5,7-5.1,10-12]		
* Nose	Inflammation	Chronic, Moderate
* Pancreas	Lymphoma Malignant Mixed	
* Skin	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-11]		
* Spleen	Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 358

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 684
HISTO: 890637

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 5-3]

* Thymus

Lymphoma Malignant Mixed

* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

[Hyperplasia TGLS = 4-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 359

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 747
HISTO: 890638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 6-11]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 8-6+6.1]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]			
* Lung		Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 7-1]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 5-5]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Thymus		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-5]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 360

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-6.1]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Uterus		Hemangioma	
	Endometrium	Hyperplasia	Cystic, Moderate
[Hemangioma TGLS = 1-4]			
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 361	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 747 HISTO: 890640
-----------------------	--------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Small, Ileum [Lymphoma Malignant Mixed TGLS = 3-6]	Lymphoma Malignant Mixed	
* Kidney	Lymphoma Malignant Mixed	
* Liver [Eosinophilic Focus TGLS = 6-2.1] [Lymphoma Malignant Mixed TGLS = 5-2.1]	Eosinophilic Focus Lymphoma Malignant Mixed	
Lymph Node Renal [Lymphoma Malignant Mixed TGLS = 4-5,8-11,2-5]	Lymphoma Malignant Mixed	
* Lymph Node, Mandibular [Lymphoma Malignant Mixed TGLS = 4-5,8-11,2-5]	Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric [Lymphoma Malignant Mixed TGLS = 4-5,8-11,2-5]	Lymphoma Malignant Mixed	
* Nose	Inflammation	Chronic, Mild
* Spleen [Lymphoma Malignant Mixed TGLS = 1-3]	Lymphoma Malignant Mixed	
* Stomach, Forestomach [Abscess TGLS = 7-6.1]	Abscess	Moderate
* Thymus	Lymphoma Malignant Mixed	
* Uterus Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 362

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 4-2.1]		
	[Hepatocellular Adenoma TGLS = 3-2.1]		
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1+2-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 363

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Nose		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 364

TRT#: 2
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 747
HISTO: 890643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Fatty Change	Mild
* Nose		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 365

TRT#: 2

SEX: Female

DAY ON TEST: 747

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 890644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Focal, Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-2,4+5-2.1]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-11]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 366	TRT#: 4 DOSE: 50 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 699 HISTO: 891374
-----------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Marked
* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
[Basophilic Focus TGLS = 5-2]			
[Hepatocellular Adenoma TGLS = 4-2.1]			
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 2-4.1+4.2]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 7-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 367

TRT#: 4

SEX: Female

DAY ON TEST: 456

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Gallbladder

OBSERVATIONS

* Brain		Mineralization	Mild
* Liver		Necrosis	Focal, Mild
* Nose		Inflammation	Chronic, Mild
* Ovary		Thrombosis	
[Thrombosis TGLS = 1-4]			
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 368

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-6+6.1]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Stomach, Glandular		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 369

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Clitoral Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Liver			
Note: TGL 3. FOCUS NOT SEEN IN ORIGINAL SLIDE OR RECUT			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 370

TRT#: 4

SEX: Female

DAY ON TEST: 281

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Adrenal Medulla

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 371	TRT#: 4 DOSE: 50 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO: 891377
-----------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Minimal
Clitoral Gland		Dilatation	Marked
[Dilatation TGLS = 2-10]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Lung			
Note: TGL 4. NO FOCUS SEEN IN ORIGINAL SLIDE OR RECUT			
* Nose		Inflammation	Chronic, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 372

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Nose		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 373

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Nose		Inflammation	Chronic, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 375

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Brain		Mineralization	Mild
* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 376

TRT#: 4

SEX: Female

DAY ON TEST: 281

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Nose		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 377

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Kidney		Lymphoma Malignant Mixed	
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-11]			
* Lymph Node, Mesenteric	Lymphatic	Angiectasis	Moderate
[Angiectasis TGLS = 3-5]		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-11]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Thymus		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 378

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 379

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Clitoral Gland	* Mammary Gland	* Parathyroid Gland
----------------	-----------------	---------------------

OBSERVATIONS

* Brain		Mineralization	Moderate
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 380

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 50 PPM

DISP: Natural Death

HISTO: 891382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

MISSING

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

AUTO PRECLUDES DIAG.

* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-2]			
* Nose		Inflammation	Chronic, Mild
* Pancreas	Acinus	Atrophy	Marked
* Spleen		Histiocytic Sarcoma	
		Necrosis	Focal, Moderate
[Histiocytic Sarcoma TGLS = 2-3.1]			
[Necrosis TGLS = 4-3.1]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 6-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 381

TRT#: 4

SEX: Female

DAY ON TEST: 280

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Nose		Degeneration	Hyaline, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 382

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Kidney		Lymphoma Malignant Mixed	
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 6-2]	Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
* Ovary		Cystadenoma	Multiple
	[Cystadenoma TGLS = 1+2-4]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4+5-3+3.1]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 3-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 384

TRT#: 4

SEX: Female

DAY ON TEST: 681

DOSE: 50 PPM

DISP: Moribund Sacrifice

HISTO: 891384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mandibular
---------------	--------------------------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Mild
* Brain		Mineralization	Minimal
* Kidney		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-3.1]			
* Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-2+2.1]			
Lymph Node	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5,2-3.11+7.1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5,2-3.11+7.1]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-3.2]			
* Thymus		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: SOME RENAL LN ADHERENT TO ADRENAL SLIDE 7.1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 385

TRT#: 4

SEX: Female

DAY ON TEST: 281

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Kidney | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Uterus |

INSUFFICIENT TISSUE

- * Adrenal Medulla

OBSERVATIONS

- | | | |
|----------------------|--------------|----------------------|
| * Islets, Pancreatic | Hyperplasia | Moderate |
| * Nose | Degeneration | Hyaline, Mild |
| | Inflammation | Chronic, Focal, Mild |
| * Urinary Bladder | Inflammation | Chronic, Focal, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 386

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Basophilic Focus	
		Hemorrhage	Mild
[Basophilic Focus TGLS = 4-2.1]			
[Hemorrhage TGLS = 3-2.1]			
* Lym Node Mesen			
Note: TGL 5. MESENTERIC LN CYSTS ARE PANCREATIC DUCT.			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pancreas	Duct	Ectasia	Moderate
[Ectasia TGLS = 5-5]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 387

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|-----------------------------|-------------|---------------|-----------------|
| * Bone Marrow | | Myelofibrosis | Minimal |
| * Nose | | Inflammation | Chronic, Mild |
| * Ovary | | Cystadenoma | |
| [Cystadenoma TGLS = 3-4] | | | |
| * Uterus | | Hydrometra | Moderate |
| [Hydrometra TGLS = 2-4.1] | Endometrium | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 388

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-6.2]			
* Intestine Small, Jejunum		Adenocarcinoma	
[Adenocarcinoma TGLS = 2-6.1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Basophilic Focus TGLS = 4-2]			
[Eosinophilic Focus TGLS = 3-2]			
[Hepatocellular Adenoma TGLS = 5-2.1]			
* Lung		Hemorrhage	Focal, Mild
[Hemorrhage TGLS = 7-1.1]			
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 389

TRT#: 4

SEX: Female

DAY ON TEST: 462

DOSE: 50 PPM

DISP: Moribund Sacrifice

HISTO: 891388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Heart
- * Intestine Small, Ileum
- * Liver
- * Ovary
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder

- * Adrenal Medulla
- Clitoral Gland
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Pancreas
- * Skin
- * Thymus
- * Uterus

- * Bone
- * Esophagus
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

- * Bone Marrow
- * Gallbladder
- * Intestine Small, Duodenum
- * Kidney
- * Mammary Gland
- * Pituitary Gland
- * Stomach, Forestomach
- * Trachea

OBSERVATIONS

* Bone

Note: BONE FROM LUMBAR + THORACIC SPINE + NOSE IS NORMAL

* Intestine Large, Cecum

[Hyperplasia TGLS = 1-6.1]

* Lung

* Nose

Hyperplasia

Osteosarcoma

Inflammation

Lymphoid, Mild

Metastatic (Uncertain Primary Site)

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 390

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Minimal
* Liver		Necrosis	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 391

TRT#: 4

SEX: Female

DAY ON TEST: 456

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Brain		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
* Nose		Inflammation	Chronic, Mild
* Pancreas		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 392

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Liver			
Note: TGL 5 & 6 FOCI NOT SEEN ON ORIGINAL SLIDE OR RECUT			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-3]			
* Uterus		Angiectasis	Mild
		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[Angiectasis TGLS = 7-4]			
[Hydrometra TGLS = 1-4]			
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 393

TRT#: 4

SEX: Female

DAY ON TEST: 281

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 394

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Clitoral Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]			
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:10

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 395

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Moderate
* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Minimal
		Metaplasia	Squamous, Moderate
[Hydrometra TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:10
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 396

TRT#: 4

SEX: Female

DAY ON TEST: 743

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Eosinophilic Focus	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 397

TRT#: 4

SEX: Female

DAY ON TEST: 625

DOSE: 50 PPM

DISP: Natural Death

HISTO: 891393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum	* Urinary Bladder
---------------	--------------------------	-------------------

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Lymphocytic Hemorrhage	Focal, Moderate
* Brain			
* Kidney		Lymphoma Malignant Lymphocytic	
* Liver		Lymphoma Malignant Lymphocytic	
Lymph Node	Lumbar	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 5-12,3-5,8-5,6-5,4-11]		
	[Lymphoma Malignant Lymphocytic TGLS = 5-12,3-5,8-5,6-5,4-11]		
	[Lymphoma Malignant Lymphocytic TGLS = 5-12,3-5,8-5,6-5,4-11]		
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 5-12,3-5,8-5,6-5,4-11]		
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 5-12,3-5,8-5,6-5,4-11]		
* Nose		Lymphoma Malignant Lymphocytic	
* Ovary		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 1-4]		
* Spleen		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 2-3.1]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 397	TRT#: 4 DOSE: 50 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 625 HISTO: 891393
-----------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular [Erosion TGLS = 9-6+6.1]		Erosion	Mild
* Thymus		Lymphoma Malignant Lymphocytic	
* Uterus [Hyperplasia TGLS = 7-4]	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 398

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Marked
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Necrosis	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 399

TRT#: 4

SEX: Female

DAY ON TEST: 588

DOSE: 50 PPM

DISP: Natural Death

HISTO: 891394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	Clitoral Gland
* Esophagus	* Heart	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Adrenal Medulla

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Brain		Mineralization	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney	Renal Tubule	Necrosis	Marked
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4+5-2.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-4]			
* Spleen		Depletion Lymphoid	Mild
[Depletion Lymphoid TGLS = 3-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 400	TRT#: 4 DOSE: 50 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO: 891395
-----------------------	---------------------------------------	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Mild
Clitoral Gl			
Note: CLITORAL GLAND IS ON SLIDE 11A.			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 3-2]			
[Hepatocellular Carcinoma TGLS = 4-2.1]			
* Mammary Gland		Lactation	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Skin		Sarcoma	
[Sarcoma TGLS = 1-11+11.1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 401

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Marked
* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Kidney		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4.1]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
[Angiectasis TGLS = 3-7]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 402

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Clear Cell Focus	
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 403

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* 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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 2-6+6.1]		Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
* Uterus [Hyperplasia TGLS = 1-4]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 404

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Minimal
* Liver		Hyperplasia	Lymphoid, Minimal
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 405

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Nose		Inflammation	Chronic, Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Minimal

[Hydrometra TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 406

TRT#: 4

SEX: Female

DAY ON TEST: 103

DOSE: 50 PPM

DISP: Natural Death

HISTO: 872395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Stomach, Glandular
* Urinary Bladder			

OBSERVATIONS

* Kidney [Congestion TGLS = 4-3]		Congestion	Moderate
* Nose		Inflammation	Chronic, Mild
* Ovary [Teratoma Nos TGLS = 1-4.1]		Teratoma Nos	
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-3]		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 407

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-2]		
* Nose		Inflammation	Chronic, Mild
* Pancreas			
	Note: TGL 2. CYST NOT SEEN IN ORIGINAL SLIDE OR RECUT		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 4-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 408

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Moderate
* Kidney		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-3]			
* Lung		Hemorrhage	Focal, Marked
[Hemorrhage TGLS = 2-1]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 409

TRT#: 4

SEX: Female

DAY ON TEST: 603

DOSE: 50 PPM

DISP: Natural Death

HISTO: 891403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Heart	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

Clitoral Gland	* Esophagus	* Mammary Gland	* Parathyroid Gland
* Thyroid Gland			

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Moderate
Clitoral Gl			
Note: SLIDE 10. NO CLITORAL GLAND IN ORIGINAL SLIDE OR RECUT			
* Kidney	Renal Tubule	Necrosis	Moderate
* Liver		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 2,3-2,2.1]		
* Lung		Thrombosis	Minimal
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 1-3]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 4-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 410	TRT#: 4 DOSE: 50 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: 281 HISTO: 872384
-----------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Nose		Inflammation	Chronic, Focal, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 411

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Clear Cell Focus	
* Nose		Inflammation	Chronic, Mild
* Uterus		Angiectasis	Marked
	Endometrium	Hyperplasia	Cystic, Mild

[Angiectasis TGLS = 2-4]
[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 412

TRT#: 4

SEX: Female

DAY ON TEST: 391

DOSE: 50 PPM

DISP: Moribund Sacrifice

HISTO: 88186412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain	Artery	Inflammation	Chronic, Marked
* Heart	Artery	Inflammation	Chronic, Moderate
* Nose		Inflammation	Chronic, Mild
* Ovary		Cystadenoma	
Spinal Cord	Artery	Inflammation	Chronic, Moderate
* Thyroid Gland		Inflammation	Chronic, Marked
Note: INFLAMMATION IS IN ARTERY			
* Urinary Bladder		Inflammation	Chronic, Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 413

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Mineralization	Mild
* Liver		Necrosis	Focal, Mild
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
* Pancreas		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 414

TRT#: 4

SEX: Female

DAY ON TEST: 690

DOSE: 50 PPM

DISP: Moribund Sacrifice

HISTO: 891405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Islets, Pancreatic		Adenoma	
* Liver		Fatty Change	Moderate
[Fatty Change TGLS = 1-2]			
* Nose		Inflammation	Chronic, Mild
* Stomach, Glandular		Edema	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 415

TRT#: 4

SEX: Female

DAY ON TEST: 158

DOSE: 50 PPM

DISP: Natural Death

HISTO: 872396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Intestine Large, Rectum
- * Lung
- * Ovary
- * Skin
- * Trachea

- * Adrenal Medulla
- * Esophagus
- * Islets, Pancreatic
- * Lymph Node, Mandibular
- * Pancreas
- * Stomach, Forestomach
- * Uterus

- * Bone
- * Heart
- * Kidney
- * Mammary Gland
- * Pituitary Gland
- * Stomach, Glandular

- * Bone Marrow
- * Intestine Large, Colon
- * Liver
- * Nose
- * Salivary Glands
- * Thyroid Gland

MISSING

- * Parathyroid Gland

AUTO PRECLUDES DIAG.

- * Gallbladder
- * Intestine Small, Jejunum

- * Intestine Large, Cecum
- * Lymph Node, Mesenteric

- * Intestine Small, Duodenum
- * Urinary Bladder

- * Intestine Small, Ileum

OBSERVATIONS

- * Spleen
- * Thymus

Depletion Lymphoid
Depletion Lymphoid

Moderate
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 416

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Moderate
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 417

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Bone Marrow		Lymphoma Malignant Mixed	
* Brain		Mineralization	Mild
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 2-11,1-5]	
		[Lymphoma Malignant Mixed TGLS = 2-11,1-5]	
* Mammary Gland		Lactation	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 3-7]	
* Spleen		Lymphoma Malignant Mixed	
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		[Hyperplasia TGLS = 5-4]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 418

TRT#: 4

SEX: Female

DAY ON TEST: 456

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Nose	Inflammation	Chronic, Mild
* Uterus	Hydrometra	Mild
	Hyperplasia	Cystic, Mild
	Endometrium	

[Hydrometra TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 419

TRT#: 4

SEX: Female

DAY ON TEST: 456

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

* Gallbladder	* Pituitary Gland	* Thyroid Gland
---------------	-------------------	-----------------

OBSERVATIONS

* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 420

TRT#: 4

SEX: Female

DAY ON TEST: 456

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 88186420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 421	TRT#: 4 DOSE: 50 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 628 HISTO: 891408
-----------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	Clitoral Gland	* Esophagus
* Heart	* Lung	* Mammary Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Spleen	* Stomach, Glandular	* Thymus	* Urinary Bladder

OBSERVATIONS

* Brain		Mineralization	Mild
* Nose		Inflammation	Chronic, Mild
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 3-6]		Squamous Cell Papilloma	
* Uterus [Hyperplasia TGLS = 2-4]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 422

TRT#: 4

SEX: Female

DAY ON TEST: 280

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 423

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-6+6.1]			
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Spleen		Lymphoma Malignant Mixed	
* Thymus		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 424

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 425

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland	* Pituitary Gland	* Urinary Bladder
---------------------	-------------------	-------------------

OBSERVATIONS

* Brain	Mineralization	Moderate
* Kidney	Lymphoma Malignant Mixed	
* Liver	Angiectasis	Mild
	Hepatocellular Adenoma	
[Angiectasis TGLS = 4-2.1]		
[Hepatocellular Adenoma TGLS = 3-2]		
* Lung	Lymphoma Malignant Mixed	
* Lymph Node, Mandibular	Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
* Nose	Inflammation	Chronic, Mild
* Ovary	Cyst	
[Cyst TGLS = 1-4]		
* Spleen	Lymphoma Malignant Mixed	
* Thymus	Lymphoma Malignant Mixed	
* Uterus	Endometrium	Cystic, Marked
[Hyperplasia TGLS = 2-4.1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 426

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-6.1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 3-2.2]			
[Hepatocellular Carcinoma TGLS = 2-2.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 427

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Moderate
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 428

TRT#: 4

SEX: Female

DAY ON TEST: 145

DOSE: 50 PPM

DISP: Moribund Sacrifice

HISTO: 863506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex [Hypertrophy TGLS = 10-7]	Hypertrophy	Mild
* Kidney [Glomerulosclerosis TGLS = 7-3]	Glomerulosclerosis	Marked
* Lung [Congestion TGLS = 9-1]	Congestion	Moderate
* Saliv Glands Note: SC MASS IN NECK IS NORMAL SALIVARY GLAND		
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thymus [Depletion Lymphoid TGLS = 5-5]	Depletion Lymphoid	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 429

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Focal, Moderate
* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Moderate
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 430

TRT#: 4

SEX: Female

DAY ON TEST: 281

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Lymph Node, Mandibular [Congestion TGLS = 1-5]		Congestion	Mild
* Nose		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 431

TRT#: 4

SEX: Female

DAY ON TEST: 280

DOSE: 50 PPM

DISP: Scheduled Sacrifice

HISTO: 872387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

OBSERVATIONS

* Nose		Inflammation	Chronic, Focal, Mild
* Ovary		Cyst	
		Mineralization	Focal, Moderate
[Cyst TGLS = 1-4]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 432

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 2-6.1]		Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Nose		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 433

TRT#: 4

SEX: Female

DAY ON TEST: 746

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 891416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
* Nose		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Angiectasis	Mild
[Angiectasis TGLS = 3-4]		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 434	TRT#: 4 DOSE: 50 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 690 HISTO: 891417
-----------------------	---------------------------------------	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-3.1,3-5]			
[Lymphoma Malignant Mixed TGLS = 1-3.1,3-5]			
* Nose		Inflammation	Chronic, Minimal
* Spleen		Depletion Lymphoid	Marked
* Thymus		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 435

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 50 PPM

DISP: Moribund Sacrifice

HISTO: 891418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Marked
* Brain		Mineralization	Mild
* Gallbladder		Dilatation	Marked
[Dilatation TGLS = 4-1]			
* Kidney		Glomerulosclerosis	Moderate
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-2.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 2-4]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 5-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 436

TRT#: 6

SEX: Female

DAY ON TEST: 743

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gl			
Note: PITUITARY SECTION SHOWS ARTIFACT			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 437

TRT#: 6

SEX: Female

DAY ON TEST: 719

DOSE: 250 PPM

DISP: Natural Death

HISTO: 891275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Heart	* Islets, Pancreatic	* Lung
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Mixed	
* Brain		Mineralization	Mild
* Kidney		Lymphoma Malignant Mixed	
* Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-2]			
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 7-5,9-5,3-5.1,4-11,5-12]			
[Lymphoma Malignant Mixed TGLS = 7-5,9-5,3-5.1,4-11,5-12]			
[Lymphoma Malignant Mixed TGLS = 7-5,9-5,3-5.1,4-11,5-12]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 7-5,9-5,3-5.1,4-11,5-12]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 7-5,9-5,3-5.1,4-11,5-12]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 8-7]			
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3.1]			
* Thymus		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 437

TRT#: 6
DOSE: 250 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST: 719
HISTO: 891275

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus
[Hyperplasia TGLS = 1-4.1]

Endometrium

Hyperplasia

Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 438	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO: 891276
-----------------------	--	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Esophagus			
Note: ESOPHAGUS IS ON SLIDE 1			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Eosinophilic Focus	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-5.1]			
* Mammary Gland		Adenoma	
[Adenoma TGLS = 1-3]			
* Nose		Inflammation	Chronic, Mild
* Pancreas			
Note: TGL 3. PANCREATIC NODULES ARE LYMPH NODES.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-3]			
* Stomach, Forestomach		Ulcer	Marked
[Ulcer TGLS = 4-6.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4.1]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 1. INGUINAL LN IS MAMMARY GLAND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 439	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO: 891277
-----------------------	--	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 9-6.1]			
* Kidney		Nephropathy	Mild
* Lung		Carcinoma	Metastatic (Thyroid Gland)
[Carcinoma TGLS = 6-1]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 3-5.1]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 7-7]			
* Spleen		Congestion	Moderate
[Hyperplasia TGLS = 4-3]		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 5-6]			
* Uterus	Endometrium	Hydrometra	Marked
[Hydrometra TGLS = 2-4.1]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 440

TRT#: 6

SEX: Female

DAY ON TEST: 697

DOSE: 250 PPM

DISP: Natural Death

HISTO: 891278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Marked
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Edema	Moderate
* Liver		Necrosis	Focal, Minimal
* Lymph Node, Mesenteric	Lymphatic	Angiectasis	Moderate
[Angiectasis TGLS = 9-5]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Abscess	Marked
[Abscess TGLS = 2+3+4+5+6+7-3.1]		Cyst	
[Cyst TGLS = 1-4]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 8-3.1]			
* Thymus		Depletion Lymphoid	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 441	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 88186441
-----------------------	--	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Necrosis	Focal, Mild
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 442

TRT#: 6

SEX: Female

DAY ON TEST: 280

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Spleen
-----------------	----------

OBSERVATIONS

* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 443

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Minimal
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-6.11]			
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2]			
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 444

TRT#: 6

SEX: Female

DAY ON TEST: 743

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hemangioma	
* Thyroid Gland	Follicle	Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 445

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Intestine Small, Jejunum		Hemangioma	
[Hemangioma TGLS = 2-6]			
* Liver		Clear Cell Focus	
[Hepatocellular Adenoma TGLS = 3-2]		Hepatocellular Adenoma	
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 446

TRT#: 6

SEX: Female

DAY ON TEST: 455

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Bone | * Bone Marrow | * Esophagus | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Liver | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Thymus | * Thyroid Gland |
| * Trachea | | | |

MISSING

- | | |
|------------------|-------------------|
| * Adrenal Cortex | * Adrenal Medulla |
|------------------|-------------------|

OBSERVATIONS

- | | | | |
|----------------------------|-------------|----------------|-------------------------|
| * Brain | | Mineralization | Mild |
| * Nose | | Inflammation | Chronic, Mild |
| * Stomach, Glandular | | Inflammation | Chronic, Focal, Mild |
| * Urinary Bladder | | Inflammation | Chronic, Focal, Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-4] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 447

TRT#: 6

SEX: Female

DAY ON TEST: 708

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 891282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-11]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 448

TRT#: 6

SEX: Female

DAY ON TEST: 689

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 891283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Compression	Moderate
Note: BRAIN DEFORMITY IS PITUITARY TUMOR TGL 3			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Adenoma	
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1+2-2]			
* Mammary Gland		Lactation	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
Note: PITUITARY IS ON SLIDE 4 WITH BRAIN			
[Adenoma TGLS = 3-4]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 5-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 449

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2.1]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1+2-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 450

TRT#: 6

SEX: Female

DAY ON TEST: 743

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Clitoral Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 3-2.2]		
	[Hepatocellular Adenoma TGLS = 1,2-2+2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 451

TRT#: 6

SEX: Female

DAY ON TEST: 57

DOSE: 250 PPM

DISP: Natural Death

HISTO: 872397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex [Hypertrophy TGLS = 2-7]		Hypertrophy	Mild
* Kidney [Congestion TGLS = 3-3]		Congestion	Mild
* Nose		Inflammation	Chronic, Mild
* Spleen		Depletion Lymphoid	Mild
* Thymus		Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 452

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Minimal
* Liver		Fatty Change	Focal, Minimal
[Fatty Change TGLS = 2-2.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary			
Note: TGL 3. NO OVARIAN FOCUS SEEN IN ORIG SLIDE OR RECUT			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 453

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 3-6.1]		Hyperplasia	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland [Adenoma TGLS = 2-7]	Pars Distalis	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus [Hyperplasia TGLS = 1-4]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 454

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 5-11]			
* Kidney			
Note: TGL 3 NO FOCI SEEN IN ORIGINAL SLIDE OR RECUT			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-1]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 455

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 456

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Harderian Gland		Adenoma	
[Adenoma TGLS = 3-11]			
* Liver		Fatty Change	Focal, Minimal
[Hepatocellular Adenoma TGLS = 2-2.1]		Hepatocellular Adenoma	
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Polyp Stromal TGLS = 1-4+4.1]		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 457

TRT#: 6

SEX: Female

DAY ON TEST: 743

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

Clitoral Gland [Pigmentation TGLS = 1-10]		Pigmentation	Hemosiderin, Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-3]		Hematopoietic Cell Proliferation	Mild
* Uterus [Hyperplasia TGLS = 3-4] [Polyp Stromal TGLS = 2-4.1]	Endometrium	Hyperplasia Polyp Stromal	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 458	TRT#: 6	SEX: Female	DAY ON TEST: 686
	DOSE: 250 PPM	DISP: Moribund Sacrifice	HISTO: 891292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Depletion Lymphoid	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 459

TRT#: 6

SEX: Female

DAY ON TEST: 183

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 872398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|----------------------|--------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Brain |
| * Esophagus | * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Small, Duodenum | * Islets, Pancreatic | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|--|-------------|--------------------------------|
| * Bone Marrow | | Lymphoma Malignant Lymphocytic |
| * Heart | | Lymphoma Malignant Lymphocytic |
| * Intestine Large, Rectum | | Lymphoma Malignant Lymphocytic |
| * Intestine Small, Ileum | | Lymphoma Malignant Lymphocytic |
| * Intestine Small, Jejunum | | Lymphoma Malignant Lymphocytic |
| * Kidney | | Lymphoma Malignant Lymphocytic |
| * Liver | | Lymphoma Malignant Lymphocytic |
| * Lung | | Lymphoma Malignant Lymphocytic |
| Lymph Node | Axillary | Lymphoma Malignant Lymphocytic |
| | Iliac | Lymphoma Malignant Lymphocytic |
| | Inguinal | Lymphoma Malignant Lymphocytic |
| | Lumbar | Lymphoma Malignant Lymphocytic |
| | Mediastinal | Lymphoma Malignant Lymphocytic |
| | Renal | Lymphoma Malignant Lymphocytic |
| [Lymphoma Malignant Lymphocytic TGLS = 2-5,6-5,7-9,9-9,4-9,3-9.1,8-9.1,12-9.1] | | |
| [Lymphoma Malignant Lymphocytic TGLS = 2-5,6-5,7-9,9-9,4-9,3-9.1,8-9.1,12-9.1] | | |
| [Lymphoma Malignant Lymphocytic TGLS = 2-5,6-5,7-9,9-9,4-9,3-9.1,8-9.1,12-9.1] | | |
| [Lymphoma Malignant Lymphocytic TGLS = 2-5,6-5,7-9,9-9,4-9,3-9.1,8-9.1,12-9.1] | | |
| [Lymphoma Malignant Lymphocytic TGLS = 2-5,6-5,7-9,9-9,4-9,3-9.1,8-9.1,12-9.1] | | |
| [Lymphoma Malignant Lymphocytic TGLS = 2-5,6-5,7-9,9-9,4-9,3-9.1,8-9.1,12-9.1] | | |
| * Lymph Node, Mandibular | | Lymphoma Malignant Lymphocytic |
| [Lymphoma Malignant Lymphocytic TGLS = 2-5,6-5,7-9,9-9,4-9,3-9.1,8-9.1,12-9.1] | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 459

TRT#: 6

DOSE: 250 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 183

HISTO: 872398

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Lymphoma Malignant Lymphocytic TGLS = 2-5,6-5,7-9,9-9,4-9,3-9.1,8-9.1,12-9.1]	Lymphoma Malignant Lymphocytic
* Nose	Lymphoma Malignant Lymphocytic
* Ovary	Lymphoma Malignant Lymphocytic
* Pancreas	Lymphoma Malignant Lymphocytic
* Spleen [Lymphoma Malignant Lymphocytic TGLS = 5-3]	Lymphoma Malignant Lymphocytic
* Thymus [Lymphoma Malignant Lymphocytic TGLS = 11-5.1]	Lymphoma Malignant Lymphocytic
* Urinary Bladder	Lymphoma Malignant Lymphocytic
* Uterus	Lymphoma Malignant Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 460

TRT#: 6

SEX: Female

DAY ON TEST: 281

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

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

OBSERVATIONS

* Brain		Mineralization	Focal, Minimal
* Islets, Pancreatic		Hypoplasia	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 461

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Fatty Change	Minimal
* Lymph Node, Mesenteric	Lymphatic	Angiectasis	Marked
[Angiectasis TGLS = 1-11]			
Mesentery			
Note: TGL 1. MESENTERIC CYST ACTUALLY IN LYMPH NODE			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 462

TRT#: 6

SEX: Female

DAY ON TEST: 656

DOSE: 250 PPM

DISP: Natural Death

HISTO: 891294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Heart	* Islets, Pancreatic	* Kidney
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Brain		Mineralization	Moderate
* Gallbladder			
Note: TGL 5. GALLBLADDER TOO AUTOLYZED FOR DIAGNOSIS			
* Liver		Histiocytic Sarcoma Necrosis	Focal, Marked
[Histiocytic Sarcoma TGLS = 3-2]			
* Lymph Node, Mandibular		Histiocytic Sarcoma Necrosis	Marked
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Spleen		Histiocytic Sarcoma Necrosis	Focal, Marked
[Histiocytic Sarcoma TGLS = 1+2-3]			
* Thymus		Histiocytic Sarcoma	
* Uterus		Hemangioma	
[Hemangioma TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 463	TRT#: 6	SEX: Female	DAY ON TEST: 742
	DOSE: 250 PPM	DISP: Terminal Sacrifice	HISTO: 891295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 464	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: 281 HISTO: 872371
-----------------------	--	--	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla	* Parathyroid Gland
-------------------	---------------------

OBSERVATIONS

* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 465

TRT#: 6

SEX: Female

DAY ON TEST: 578

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 891296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

OBSERVATIONS

* Kidney [Degeneration TGLS = 9-3]	Renal Tubule	Degeneration	Granular, Marked
* Liver [Histiocytic Sarcoma TGLS = 7+8-2+2.1]		Histiocytic Sarcoma Necrosis	Metastatic (Uterus) Focal, Moderate
* Lung Lymph Node [Histiocytic Sarcoma TGLS = 5-5,6-11]	Lumbar	Histiocytic Sarcoma Histiocytic Sarcoma	Metastatic (Uterus) Metastatic (Uterus)
* Lymph Node, Mandibular [Histiocytic Sarcoma TGLS = 5-5,6-11]		Histiocytic Sarcoma	Metastatic (Uterus)
* Lymph Node, Mesenteric [Histiocytic Sarcoma TGLS = 5-5,6-11]		Histiocytic Sarcoma	Metastatic (Uterus)
* Mammary Gland Note: MAMMARY GLAND IS ON SLIDE 10.			
* Nose		Histiocytic Sarcoma	Metastatic (Uterus)
* Ovary		Histiocytic Sarcoma	Metastatic (Uterus)
* Pancreas [Atrophy TGLS = 3-5]	Acinus	Atrophy	Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-3]		Hematopoietic Cell Proliferation	Marked
* Thymus		Histiocytic Sarcoma	Metastatic (Uterus)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 465

TRT#: 6

SEX: Female

DAY ON TEST: 578

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 891296

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Histiocytic Sarcoma

[Histiocytic Sarcoma TGLS = 2-4+4.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 466

TRT#: 6

SEX: Female

DAY ON TEST: 455

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Brain	Mineralization	Minimal
* Liver	Hepatocellular Adenoma	
	Necrosis	Focal, Minimal
* Nose	Inflammation	Chronic, Mild
* Ovary	Cyst	
* Salivary Glands	Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 467

TRT#: 6

SEX: Female

DAY ON TEST: 743

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Intestine Small, Duodenum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-6.1]			
* Nose		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 468

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO: 891298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Bone		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 4-11]			
* Bone Marrow		Hyperplasia	Neutrophil, Marked
* Brain		Mineralization	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 6-1.1,5+8-1]		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-1.1,5+8-1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 2-4]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 7-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 469

TRT#: 6

SEX: Female

DAY ON TEST: 607

DOSE: 250 PPM

DISP: Natural Death

HISTO: 891299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Esophagus	* Heart
* Lung	* Pituitary Gland	* Salivary Glands	* Skin
* Trachea			

MISSING

* Mammary Gland	* Ovary	* Parathyroid Gland	* Spleen
* Thymus	* Thyroid Gland		

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	Clitoral Gland
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration	Granular, Marked
* Lym Node Mand			
Note: TGL 1. MANDIBULAR LYMPH NODE TOTALLY AUTOLYZED			
* Nose		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 470

TRT#: 6

SEX: Female

DAY ON TEST: 743

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 6-2.1]			
* Lung		Hemorrhage	Focal, Moderate
[Hemorrhage TGLS = 4-1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 471

TRT#: 6

SEX: Female

DAY ON TEST: 280

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Pituitary Gland

OBSERVATIONS

* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 472

TRT#: 6

SEX: Female

DAY ON TEST: 280

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Bone Marrow	* Parathyroid Gland
---------------	---------------------

OBSERVATIONS

* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 473

TRT#: 6

SEX: Female

DAY ON TEST: 743

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Minimal
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 474

TRT#: 6

SEX: Female

DAY ON TEST: 281

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla	* Parathyroid Gland	* Thymus
-------------------	---------------------	----------

OBSERVATIONS

* Lung	Peribronchial	Inflammation	Chronic, Mild
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Ovary		Mineralization	Focal, Marked
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 475

TRT#: 6

SEX: Female

DAY ON TEST: 743

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infarct	Moderate
[Infarct TGLS = 5-3+3.1]			
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4-2]			
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-5.1]			
* Nose		Inflammation	Chronic, Mild
* Stomach, Forestomach		Diverticulum	Mild
[Diverticulum TGLS = 6-6.1]			
* Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-5.1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 476

TRT#: 6

SEX: Female

DAY ON TEST: 705

DOSE: 250 PPM

DISP: Natural Death

HISTO: 891303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Urinary Bladder		

OBSERVATIONS

* Brain		Mineralization	Mild
* Islets, Pancreatic [Adenoma TGLS = 1-5.1]		Adenoma	
* Liver		Basophilic Focus	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland [Adenoma TGLS = 2-7]	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia Polyp Stromal	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 1 PANCREATIC LN ACTUALLY ISLET CELL ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 477

TRT#: 6

SEX: Female

DAY ON TEST: 455

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Minimal
* Liver		Fatty Change	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 478

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Angiectasis Hepatocellular Adenoma Hepatocellular Carcinoma	Minimal
[Angiectasis TGLS = 4-2]			
[Hepatocellular Adenoma TGLS = 2-2.1]			
[Hepatocellular Carcinoma TGLS = 1-2.1]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 5-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 479

TRT#: 6

SEX: Female

DAY ON TEST: 455

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Mineralization	Mild
* Liver		Basophilic Focus	
* Nose		Inflammation	Chronic, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 480

TRT#: 6

SEX: Female

DAY ON TEST: 280

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Lung	Peribronchial	Inflammation	Chronic, Mild
* Nose		Inflammation	Chronic, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 481

TRT#: 6

SEX: Female

DAY ON TEST: 456

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Nose		Inflammation	Chronic, Mild
* Pancreas		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 482	TRT#: 6	SEX: Female	DAY ON TEST: 469
	DOSE: 250 PPM	DISP: Moribund Sacrifice	HISTO: 891305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain	Mineralization	Minimal
* Liver	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-2]		
* Mammary Gland	Adenocarcinoma	
[Adenocarcinoma TGLS = 1-3+11+11.1]		
* Nose	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 483

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung	[Alveolar/Bronchiolar Adenoma TGLS = 6-1]	Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Chronic, Mild
* Skin	[Hemangiosarcoma TGLS = 1-11]	Hemangiosarcoma	
* Spleen	[Hemangiosarcoma TGLS = 4+5-3.1]	Hemangiosarcoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 484

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Eosinophilic Focus	
		Necrosis	Focal, Minimal
[Eosinophilic Focus TGLS = 5-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-1]			
* Mammary Gland			
Note: MAMMARY GLAND IS ON SLIDE 10.			
* Ovary		Cyst	
[Cyst TGLS = 3-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Marked
	Endometrium	Metaplasia	Squamous, Moderate
[Hydrometra TGLS = 1-4+4.1]			
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 485

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
		Lymphoma Malignant Mixed	
		[Eosinophilic Focus TGLS = 5-2]	
		[Hemangiosarcoma TGLS = 3-2]	
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Lymphoma Malignant Mixed	
		[Lymphoma Malignant Mixed TGLS = 2-3]	
* Thymus		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		[Hyperplasia TGLS = 1-4]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 486

TRT#: 6

SEX: Female

DAY ON TEST: 455

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* 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

* Brain		Mineralization	Mild
* Salivary Glands		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 487

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-2,4-2.1,2-2.2]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Depletion Lymphoid	Minimal
[Depletion Lymphoid TGLS = 1-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 488

TRT#: 6

SEX: Female

DAY ON TEST: 281

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Inflammation	Chronic, Focal, Mild
* Lung	Peribronchial	Inflammation	Chronic, Mild
* Nose		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 489

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Mild
* Brain		Mineralization	Moderate
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-3]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 490

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Clitoral Gland	* Mammary Gland	* Parathyroid Gland
----------------	-----------------	---------------------

OBSERVATIONS

* Brain		Mineralization	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-11]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-4.1]			
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 491

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain	Mineralization	Mild
Clitoral Gland	Abscess	Mild
* Kidney	Lymphoma Malignant Mixed	
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-2.1]		
* Lymph Node, Mandibular	Lymphoma Malignant Mixed	
* Mammary Gland		
Note: MAMMARY GLAND IS ON SLIDE 10		
* Nose	Inflammation	Chronic, Mild
* Salivary Glands	Lymphoma Malignant Mixed	
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4+5-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 492	TRT#: 6	SEX: Female	DAY ON TEST: 455
	DOSE: 250 PPM	DISP: Scheduled Sacrifice	HISTO: 88186492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 493

TRT#: 6

SEX: Female

DAY ON TEST: 456

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 88186493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Necrosis	Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 494

TRT#: 6

SEX: Female

DAY ON TEST: 743

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 3-6.1]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 495	TRT#: 6	SEX: Female	DAY ON TEST: 456
	DOSE: 250 PPM	DISP: Scheduled Sacrifice	HISTO: 88186495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Urinary Bladder

MISSING

* Esophagus	* Heart	* Lung	* Parathyroid Gland
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Brain		Mineralization	Minimal
* Liver		Fatty Change	Minimal
* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 496

TRT#: 6

SEX: Female

DAY ON TEST: 743

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Lymph Node, Mesenteric	Lymphatic	Angiectasis	Moderate
[Angiectasis TGLS = 3-5]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-4.1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 497

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Brain		Mineralization	Mild
* Kidney		Infarct	Mild
* Nose		Inflammation	Chronic, Mild
* Ovary		Angiectasis	Moderate
		Cyst	
[Angiectasis TGLS = 1-4.1]			
[Cyst TGLS = 1-4.1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 498

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Uterus		Angiectasis	Minimal
[Angiectasis TGLS = 2-4]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 499

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Salivary Glands	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Lung		Sarcoma	Metastatic (Skin)
Lymph Node	Lumbar	Sarcoma	Metastatic (Skin)
[Sarcoma TGLS = 5-13]			
* Mammary Gland		Lactation	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Skin		Sarcoma	
[Sarcoma TGLS = 1,6-11,11.1,12]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-3]			
* Stomach, Glandular		Inflammation	Chronic, Mild
* Thyroid Gland	Follicle	Cyst	
	Follicular Cel	Hyperplasia	Focal, Minimal
[Cyst TGLS = 7-6]			
* Uterus		Hydrometra	Marked
		Polyp Stromal	
[Hydrometra TGLS = 3-4.1]			
[Polyp Stromal TGLS = 2-4.1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 499

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891317

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 500

TRT#: 6

SEX: Female

DAY ON TEST: 281

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Fatty Change	Minimal
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 501	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO: 891318
-----------------------	--	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Pituitary Gland

OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Large, Cecum [Hyperplasia TGLS = 3-6.1]	Hyperplasia	Lymphoid, Mild
* Lung	Inflammation	Chronic, Mild
* Nose	Inflammation	Chronic, Mild
* Spleen [Hyperplasia TGLS = 1-3]	Hyperplasia	Lymphoid, Mild
* Uterus [Angiectasis TGLS = 2-4]	Angiectasis	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 502	TRT#: 6 DOSE: 250 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 743 HISTO: 891319
-----------------------	--	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 3-2]			
[Eosinophilic Focus TGLS = 2-2]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 503

TRT#: 6

SEX: Female

DAY ON TEST: 280

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO: 872378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Lung	Peribronchial	Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 504

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 6-7]			
* Bone Marrow		Hyperplasia	Neutrophil, Moderate
* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-12]			
Lymph Node	Lumbar, Lymphatic	Angiectasis	Moderate
	Mediastinal	Infiltration Cellular	Mixed Cell, Moderate
	Renal	Lymphoma Malignant Mixed	
[Angiectasis TGLS = 3-12]			
[Infiltration Cellular TGLS = 8-5]			
[Lymphoma Malignant Mixed TGLS = 9-11,4-5.1]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-11,4-5.1]			
* Mammary Gland		Lactation	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-7]			
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-3]			
* Stomach, Glandular	Muscularis	Hypertrophy	Moderate
[Hypertrophy TGLS = 7-6.1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 504

TRT#: 6
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 742
HISTO: 891320

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hyperplasia

Focal, Moderate

* Uterus

Endometrium

Hydrometra

Marked

Hyperplasia

Cystic, Moderate

[Hydrometra TGLS = 1-4+4.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 505

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 250 PPM

DISP: Terminal Sacrifice

HISTO: 891321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 5-6+6.1]			
* Islets, Pancreatic		Hyperplasia	Marked
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-1.1]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Metaplasia	Squamous, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 506

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 6-6.1]		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Adenoma	
		Necrosis	Focal, Minimal
* Nose		Inflammation	Chronic, Mild
* Ovary [Cyst TGLS = 2-4]		Cyst	
* Pancreas [Ectasia TGLS = 4-5]	Acinus	Atrophy	Marked
	Duct	Ectasia	Marked
* Spleen [Congestion TGLS = 5-3]		Congestion	Mild
* Uterus [Angiectasis TGLS = 3-4]	Endometrium	Angiectasis	Moderate
		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 507	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO: 890646
-----------------------	--	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 13-6]			
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-6.2,2-6.1]			
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-6.2,2-6.1]			
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 7-2,10-2+2.1,5-2.1,8-2.1,6-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-5]			
* Mammary Gland		Lactation	
* Pancreas		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 12-5.1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-7]			
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 11-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 508

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 2,4-2+2.1]			
[Hepatocellular Adenoma TGLS = 1,3-2]			
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 509

TRT#: 8

SEX: Female

DAY ON TEST: 280

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Fatty Change	Minimal
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 510

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Necrosis	Focal, Minimal
* Nose		Inflammation	Chronic, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 511	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 677 HISTO: 890648
-----------------------	--	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

Clitoral Gland	* Pituitary Gland	* Thymus
----------------	-------------------	----------

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 8-6.1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Lung		Carcinoma	Metastatic (Harderian Gland)
	Alveolar Epith	Hyperplasia	Minimal
[Carcinoma TGLS = 5-1]			
* Lymph Node, Mandibular		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 2-5]			
* Nose		Carcinoma	Metastatic (Harderian Gland)
		Inflammation	Chronic, Mild
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 3-4]			
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 4-6]			
* Uterus		Fibrosis	Focal, Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Fibrosis TGLS = 7-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 511	TRT#: 8	SEX: Female	DAY ON TEST: 677
	DOSE: 500 PPM	DISP: Moribund Sacrifice	HISTO: 890648

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 6-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 512

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Minimal
* Liver	Fatty Change	Minimal
* Nose	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 513

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-6.11]			
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-1]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-11]			
* Nose		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 514

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
Harderian Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 5-11]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 9-6.1]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Focal, Minimal
[Eosinophilic Focus TGLS = 8-2.2]			
[Hepatocellular Adenoma TGLS = 3-2]			
[Hepatocellular Carcinoma TGLS = 4-2+2.1]			
[Necrosis TGLS = 7-2.2]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 515

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2+3+4-2]			
* Nose		Inflammation	Chronic, Mild
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Marked
[Hydrometra TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 516

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Brain		Mineralization	Mild
Clitoral Gland		Angiectasis	Moderate
[Angiectasis TGLS = 2-10]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 3-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Congestion	Mild
[Congestion TGLS = 5-3]			
* Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 6-5]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 517

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Kidney	Renal Tubule	Regeneration	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Focal, Mild
	[Hepatocellular Adenoma TGLS = 2-2.1]		
* Nose		Inflammation	Chronic, Mild
* Uterus		Hydrometra	Marked
	[Hydrometra TGLS = 1-4.1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 518

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Hepatocellular Adenoma	
		Necrosis	Focal, Minimal
[Hepatocellular Adenoma TGLS = 3-2]			
[Necrosis TGLS = 4-2.1]			
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 519

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|-------------------|---------------|-------------|-----------------|
| * Liver | | Necrosis | Focal, Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Uterus | | Hydrometra | Mild |
| | Endometrium | Hyperplasia | Cystic, Minimal |

[Hydrometra TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 520

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Minimal
* Kidney		Infarct	Marked
[Infarct TGLS = 4-3]			
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
		Necrosis	Focal, Mild
[Hepatocellular Adenoma TGLS = 6-2.1]			
[Necrosis TGLS = 5-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-5]			
* Nose		Inflammation	Chronic, Mild
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 521

TRT#: 8

SEX: Female

DAY ON TEST: 695

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 890656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
--------------------------	---------	---------------------

OBSERVATIONS

* Bone Marrow		Angiectasis	Marked
* Brain		Mineralization	Mild
* Gallbladder		Dilatation	Marked
[Dilatation TGLS = 1-1]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Necrosis	Focal, Marked
[Necrosis TGLS = 2+3+5-2]			
* Nose		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Hydrometra	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Marked
[Hydrometra TGLS = 4+6-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 522

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4-2.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-3]			
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 2-4+4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 523

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Minimal

[Hydrometra TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 524	TRT#: 8	SEX: Female	DAY ON TEST: 281
	DOSE: 500 PPM	DISP: Scheduled Sacrifice	HISTO: 872295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 525

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Mixed	
* Brain		Mineralization	Minimal
* Kidney		Infarct	Mild
* Liver		Eosinophilic Focus	
	[Hepatocellular Adenoma TGLS = 8+18-2,9+10+11+12+13+14-2.1]	Hepatocellular Adenoma	Multiple
* Lung		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 15-1]		
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 7-11,16-5,3-12,6-5]		
	[Lymphoma Malignant Mixed TGLS = 7-11,16-5,3-12,6-5]		
	[Lymphoma Malignant Mixed TGLS = 7-11,16-5,3-12,6-5]		
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 7-11,16-5,3-12,6-5]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 7-11,16-5,3-12,6-5]		
Mesentery		Lymphoma Malignant Mixed	
	Fat	Necrosis	Moderate
	[Lymphoma Malignant Mixed TGLS = 1-13]		
	[Necrosis TGLS = 4-14]		
* Nose		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 525	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 890658
-----------------------	--	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [Adenoma TGLS = 17-7]	Pars Distalis	Adenoma	
* Spleen [Hematopoietic Cell Proliferation TGLS = 5-3]		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Lymphoma Malignant Mixed	
* Thymus		Lymphoma Malignant Mixed	
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Focal, Marked
* Uterus [Hyperplasia TGLS = 2-4]	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 526

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Gallbladder			
Note: TGL 3 MASS RESEMBLES NECROTIC HEPCEL CARCINOMA			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 527

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Adenoma	
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-1]		
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 528

TRT#: 8

SEX: Female

DAY ON TEST: 281

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla

OBSERVATIONS

* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 529

TRT#: 8

SEX: Female

DAY ON TEST: 648

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 890661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Adenocarcinoma	Metastatic (Uterus)
		Hematopoietic Cell Proliferation	Marked
* Bone Marrow		Adenocarcinoma	Metastatic (Uterus)
		Hyperplasia	Neutrophil, Marked
* Brain		Adenocarcinoma	Metastatic (Uterus)
* Kidney		Adenocarcinoma	Metastatic (Uterus)
* Liver		Eosinophilic Focus	
		Necrosis	Focal, Mild
* Lung		Adenocarcinoma	Metastatic (Uterus)
[Adenocarcinoma TGLS = 3-1]			
* Mammary Gland		Adenocarcinoma	Metastatic (Uterus)
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-3]			
* Thymus		Adenocarcinoma	Metastatic (Uterus)
* Uterus	Endometrium	Adenocarcinoma	
[Adenocarcinoma TGLS = 2-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 530

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Pituitary Gland

OBSERVATIONS

* Intestine Large, Cecum		Lymphoma Malignant Mixed	
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-5]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 2-4]			
* Salivary Glands		Lymphoma Malignant Mixed	
* Skin		Sarcoma	
[Sarcoma TGLS = 1-11]			
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-3]			
* Urinary Bladder		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 530

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890662

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 531	TRT#: 8	SEX: Female	DAY ON TEST: 455
	DOSE: 500 PPM	DISP: Scheduled Sacrifice	HISTO: 88186531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Minimal
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 532

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1+2-2,3+4-2.1]		
* Nose		Inflammation	Chronic, Mild
Tongue		Angiectasis	Moderate
	[Angiectasis TGLS = 5-11]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 533

TRT#: 8

SEX: Female

DAY ON TEST: 281

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla	* Parathyroid Gland
-------------------	---------------------

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 534

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLS = 5-6.1]		Hyperplasia	Lymphoid, Mild
* Liver [Eosinophilic Focus TGLS = 2,3-2.1]		Eosinophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hydrometra	Marked
		Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 4-4.1]			
[Hyperplasia TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 535

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex [Adenoma TGLS = 1-7]	Capsule	Adenoma	
* Bone Marrow		Myelofibrosis	Mild
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver [Eosinophilic Focus TGLS = 2-2.1] [Hepatocellular Adenoma TGLS = 7-2.2] [Necrosis TGLS = 3-2.2,5+6-2.1]		Eosinophilic Focus Hepatocellular Adenoma Necrosis	Focal, Moderate
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland [Adenoma TGLS = 4-7]	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 536	TRT#: 8	SEX: Female	DAY ON TEST: 455
	DOSE: 500 PPM	DISP: Scheduled Sacrifice	HISTO: 88186536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Necrosis	Focal, Minimal
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
* Salivary Glands		Inflammation	Chronic, Focal, Minimal
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 537

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Eosinophilic Focus Hepatocellular Adenoma Lymphoma Malignant Mixed	
	[Eosinophilic Focus TGLS = 5-2.2] [Hepatocellular Adenoma TGLS = 3-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-1]		
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-3]		
* Thymus		Lymphoma Malignant Mixed	
* Thyroid Gland	Follicular Cel	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 538

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain	Mineralization	Mild
* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 3-6.1]	Lymphoma Malignant Mixed	
* Liver Note: TGL 5. NO FOCUS SEEN IN ORIGINAL SLIDE OR RECUT [Eosinophilic Focus TGLS = 6-2.1]	Eosinophilic Focus	
* Nose	Inflammation	Chronic, Mild
* Ovary [Cyst TGLS = 1-4]	Cyst	
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-3]	Hematopoietic Cell Proliferation	Moderate
* Stom Gland Note: GLANDULAR FOCI ARE NORMAL MUCOSAL FOLDS TGL 7		
* Uterus [Hyperplasia TGLS = 2-4]	Endometrium Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 539

TRT#: 8

SEX: Female

DAY ON TEST: 690

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 890668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder

OBSERVATIONS

* Brain		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 6+9-2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 8-5,5-11,7-11,1-5]			
[Lymphoma Malignant Mixed TGLS = 8-5,5-11,7-11,1-5]			
[Lymphoma Malignant Mixed TGLS = 8-5,5-11,7-11,1-5]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 8-5,5-11,7-11,1-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 8-5,5-11,7-11,1-5]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3+4-3.1]			
* Thymus		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 539	TRT#: 8	SEX: Female	DAY ON TEST: 690
	DOSE: 500 PPM	DISP: Moribund Sacrifice	HISTO: 890668

ORGAN AND ACCOUNTABLE SITE STATUS

Thrombosis

[Thrombosis TGLS = 2-4.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 540

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thyroid Gland
-----------------	---------------------	-----------------

OBSERVATIONS

* Brain		Mineralization	Moderate
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2+3+4-2+2.1+2.2+2.3]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 541	TRT#: 8	SEX: Female	DAY ON TEST: 280
	DOSE: 500 PPM	DISP: Scheduled Sacrifice	HISTO: 872298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Pancreas		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 542

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 543

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 5-11]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-6.1]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-2.1]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Spleen		Depletion Lymphoid	Minimal
[Depletion Lymphoid TGLS = 3-3]			
* Thyroid Gland		Inflammation	Acute, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 544

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Nose		Inflammation	Chronic, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 545

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Liver		Necrosis	Focal, Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 546	TRT#: 8	SEX: Female	DAY ON TEST: 281
	DOSE: 500 PPM	DISP: Scheduled Sacrifice	HISTO: 872299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Nose		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Minimal
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 547

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain	Mineralization	Minimal
* Nose	Inflammation	Chronic, Mild
* Ovary	Cystadenoma	
* Urinary Bladder	Inflammation	Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 548

TRT#: 8

SEX: Female

DAY ON TEST: 280

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Eosinophilic Focus	
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Salivary Glands		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 549

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Clitoral Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Infarct	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-2,2+4-2.1]			
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 550	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 890673
-----------------------	--	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
[Hepatocellular Adenoma TGLS = 4+5-2.1]			
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-11]			
* Lymph Node, Mandibular	Lymphatic	Angiectasis	Marked
[Angiectasis TGLS = 1-5]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thymus		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-5]			
* Thyroid Gland	Follicle	Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Polyp Stromal	
[Polyp Stromal TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 551

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-1]		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-1]			
* Nose		Inflammation	Chronic, Mild
* Skin		Histiocytic Sarcoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 552

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 88186552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Esophagus | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * 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 | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|----------|-------------|------------------------|-----------------|
| * Brain | | Mineralization | Mild |
| * Liver | | Fatty Change | Minimal |
| | | Hepatocellular Adenoma | |
| * Nose | | Inflammation | Chronic, Mild |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 553

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | | |
|---|-------------|------------------------|------------------|
| * Brain | | Mineralization | Mild |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 2+3+4-2.1] | | | |
| * Nose | | Inflammation | Chronic, Mild |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-4.1] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 554

TRT#: 8

SEX: Female

DAY ON TEST: 280

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain	Mineralization	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Nose	Inflammation	Chronic, Focal, Mild
* Salivary Glands	Inflammation	Chronic, Focal, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 555	TRT#: 8	SEX: Female	DAY ON TEST: 741
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 890676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 556

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- | | |
|--------------------------|---------------------|
| * Lymph Node, Mesenteric | * Parathyroid Gland |
|--------------------------|---------------------|

OBSERVATIONS

- | | | | |
|---|---------------|------------------------|--------------------|
| * Brain | | Mineralization | Mild |
| * Intestine Large, Cecum | | Hyperplasia | Lymphoid, Moderate |
| [Hyperplasia TGLS = 4-6.11] | | | |
| * Liver | | Eosinophilic Focus | |
| [Eosinophilic Focus TGLS = 2,3-2.1] | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 3-2.1] | | | |
| * Nose | | Inflammation | Chronic, Mild |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Uterus | | Hydrometra | Moderate |
| [Hydrometra TGLS = 1-4.1] | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 557

TRT#: 8

SEX: Female

DAY ON TEST: 660

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 890678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain	Mineralization	Minimal
* Intestine Large, Cecum	Hyperplasia	Lymphoid, Mild
* Kidney	Glomerulosclerosis	Minimal
* Nose	Inflammation	Chronic, Mild
* Uterus	Hydrometra	Mild

[Hydrometra TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 558

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Ovary

OBSERVATIONS

* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-6]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4+6-2]			
* Mammary Gland		Lactation	
* Nose		Inflammation	Chronic, Mild
* Ovary			
Note: TGL 1. OVARIES LOST IN PROCESSING.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Urinary Bladder		Hemangioma	
* Uterus		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2+7-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 559

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Mineralization	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
* Thymus		Lymphoma Malignant Mixed	
* Uterus		Angiectasis	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 560

TRT#: 8

SEX: Female

DAY ON TEST: 660

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO: 890681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Neutrophil, Moderate
* Brain		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-2.1+2.11]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Intermed	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:11

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 561

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 5-11]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-2.1]		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-2]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 7-3]			
* Stomach, Glandular		Inflammation	Subacute, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 8-4]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 2 NO NODULE SEEN IN ORIGINAL SLIDE OR RECUTS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 562	TRT#: 8	SEX: Female	DAY ON TEST: 742
	DOSE: 500 PPM	DISP: Terminal Sacrifice	HISTO: 890683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Brain		Mineralization	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-1]		
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 563

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

Clitoral Gland	* Mammary Gland
----------------	-----------------

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Brain		Mineralization	Mild
* Intestine Small, Duodenum		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 4-6.1]			
* Liver		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 5+6-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
* Nose		Lymphoma Malignant Lymphocytic	
* Ovary		Cyst	
[Cyst TGLS = 2-4]			
* Salivary Glands		Lymphoma Malignant Lymphocytic	
* Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-3]			
* Thymus		Lymphoma Malignant Lymphocytic	
* Urinary Bladder		Lymphoma Malignant Lymphocytic	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 563

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890684

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:11
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 564

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Clitoral Gland	* Lymph Node, Mandibular	* Mammary Gland	* Salivary Glands
----------------	--------------------------	-----------------	-------------------

OBSERVATIONS

* Brain		Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:12

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 565

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Marked
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2.1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Thymus		Angiectasis	Moderate
[Angiectasis TGLS = 4-5]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:12

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 566

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|--------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Brain |
| Clitoral Gland | * Esophagus | * Gallbladder | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Mammary Gland | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|---|-------------|--------------------------|-----------------|
| * Bone Marrow | | Myelofibrosis | Mild |
| * Intestine Small, Ileum | | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 2-6.1] | | | |
| * Kidney | | Lymphoma Malignant Mixed | |
| * Liver | | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 4-2.1] | | | |
| * Lym Node Mand | | | |
| Note: TGL 6 & 7 APPLY TO MESENTERIC, NOT MANDIBULAR, LN | | | |
| * Lymph Node, Mesenteric | Lymphatic | Angiectasis | Marked |
| [Angiectasis TGLS = 7-5] | | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 6-5] | | | |
| * Nose | | Inflammation | Chronic, Mild |
| * Spleen | | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 3-3] | | | |
| * Uterus | | Hydrometra | Marked |
| | Endometrium | Hyperplasia | Cystic, Minimal |
| [Hydrometra TGLS = 1-4.1] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:12
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 567

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Nose		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:12

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 568

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Bone Marrow		Myelofibrosis	Moderate
* Brain		Mineralization	Mild
* Liver		Eosinophilic Focus	
		Necrosis	Focal, Mild
[Necrosis TGLS = 2+3-2]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-4.1+4.2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:12

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 569

TRT#: 8

SEX: Female

DAY ON TEST: 742

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder

OBSERVATIONS

* Brain		Mineralization	Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 7-11]			
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-6.1]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 5-2.2,8-2.3]			
[Hepatocellular Carcinoma TGLS = 4-2.1]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:12

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 570

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:12

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 571

TRT#: 8

SEX: Female

DAY ON TEST: 741

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex [Fibrosis TGLS = 13-3.1]		Fibrosis	Minimal
* Bone Marrow		Myelofibrosis	Mild
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 3-6]		Lymphoma Malignant Mixed	
* Kidney [Lymphoma Malignant Mixed TGLS = 12-3.1]		Lymphoma Malignant Mixed	
* Liver [Eosinophilic Focus TGLS = 17-2.2] [Hepatocellular Adenoma TGLS = 14-2.1,17-2.2] [Lymphoma Malignant Mixed TGLS = 16-2]		Eosinophilic Focus Hepatocellular Adenoma Lymphoma Malignant Mixed	Multiple
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 10+11-12,2-11,15-5,5+9-5.1] [Lymphoma Malignant Mixed TGLS = 10+11-12,2-11,15-5,5+9-5.1] [Lymphoma Malignant Mixed TGLS = 10+11-12,2-11,15-5,5+9-5.1]			
* Lymph Node, Mesenteric Note: TGL 6. MESENTERIC LN CYST ACTUALLY PANCREAS		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:12
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 571	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 890692
-----------------------	--	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 10+11-12,2-11,15-5,5+9-5.1]			
* Nose		Inflammation	Chronic, Mild
* Pancreas	Acinus	Atrophy	Moderate
	Duct	Ectasia	Moderate
[Ectasia TGLS = 6+8-5]			
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4+7-3]			
* Thymus		Lymphoma Malignant Mixed	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 13. ADRENAL ON SLIDE 3A RATHER THAN USUAL 7

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:12
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 572	TRT#: 8 DOSE: 500 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 890693
-----------------------	--	---	---

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Brain	Mineralization	Minimal
* Intestine Large, Cecum	Lymphoma Malignant Lymphocytic	
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 4-2]		
[Hepatocellular Carcinoma TGLS = 1-2.1]		
* Nose	Inflammation	Chronic, Mild
* Spleen	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 5-3]		
* Thymus	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2+3-5.1]		
* Uterus	Endometrium	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:12
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 573

TRT#: 8

SEX: Female

DAY ON TEST: 739

DOSE: 500 PPM

DISP: Terminal Sacrifice

HISTO: 890694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Marked
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Skin		Inflammation	Chronic, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methylphenidate hydrochloride
CAS Number: 298-59-9

Date Report Requested: 10/22/2014
Time Report Requested: 23:20:12
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 574

TRT#: 8

SEX: Female

DAY ON TEST: 280

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Urinary Bladder		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05150-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methylphenidate hydrochloride

CAS Number: 298-59-9

Date Report Requested: 10/22/2014

Time Report Requested: 23:20:12

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 575

TRT#: 8

SEX: Female

DAY ON TEST: 280

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO: 872293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Nose		Degeneration	Hyaline, Mild
		Inflammation	Chronic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE