

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

C Number:	C20005
Lock Date:	10/28/2003
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:27

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Mild
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Mild
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:27

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Mild
* Liver		Inflammation	Minimal
		Mixed Cell Focus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Moderate
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Eye			
Note: One optic nerve missing.			
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:27

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|-------------------|--------------|---|-------------------------|
| * Kidney | Renal Tubule | Mineralization
Vacuolization Cytoplasmic | Minimal
Mild |
| * Liver | | Inflammation | Minimal |
| * Urinary Bladder | | Infiltration Cellular | Mononuclear CI, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:27

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Mild
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Eye			
Note: One optic nerve missing.			
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Minimal
* Stomach, Glandular		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

OBSERVATIONS

Skin

Hyperplasia

Squamous, Mild

Inflammation

Moderate

[Hyperplasia TGLS = 1-10]

[Inflammation TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 3000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 3000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 3000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 3000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:27
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 3000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 3000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 3000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 3000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:28

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 39

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 3000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:28

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 40

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 3000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:28

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 44

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:28

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 46

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:28

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 51

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 5000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Minimal
* Prostate		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52	TRT#: 11	SEX: Male	DAY ON TEST: 93
	DOSE: 5000 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Medulla			
Note: One adrenal medulla missing.			
* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53	TRT#: 11	SEX: Male	DAY ON TEST: 93
	DOSE: 5000 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Mild
* Liver		Inflammation	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54	TRT#: 11	SEX: Male	DAY ON TEST: 93
	DOSE: 5000 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Inflammation	Minimal
	Renal Tubule	Vacuolization Cytoplasmic	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:28

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 55

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 5000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------|--------------|---------------------------|---------|
| * Kidney | | Inflammation | Minimal |
| | Renal Tubule | Vacuolization Cytoplasmic | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 11	SEX: Male	DAY ON TEST: 93
	DOSE: 5000 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Eye			
Note: One optic nerve missing.			
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Mild
* Liver		Inflammation	Minimal
		Necrosis	Focal, Mild
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:28

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 57

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 5000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58	TRT#: 11	SEX: Male	DAY ON TEST: 93
	DOSE: 5000 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Minimal
* Lung		Inflammation	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:28

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 59

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 5000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 5000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney	Renal Tubule	Vacuolization Cytoplasmic	Minimal
* Nose	Lateral Wall	Degeneration	Moderate
	Septum	Inflammation	Minimal
	Turbinate	Inflammation	Mild
		Inflammation	Mild
Note: Inflammatory exudate was in the meatuses.			
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:28

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 61

TRT#: 2

DOSE: 0 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Blood Vessel
* Clitoral Gland
* Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

* Bone
* Esophagus
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Bone Marrow
* Eye
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Adrenal Cortex

* Liver

Subcapsular

Hyperplasia
Vacuolization Cytoplasmic
Hematopoietic Cell Proliferation
Inflammation

Mild
Mild
Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62	TRT#: 2	SEX: Female	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Liver		Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Mild
* Eye			
Note: One optic nerve missing.			
* Liver		Hematopoietic Cell Proliferation Inflammation	Minimal Minimal
* Pituitary Gland		Cyst	
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64	TRT#: 2	SEX: Female	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Minimal
* Eye			
Note: Both optic nerves missing.			
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65	TRT#: 2	SEX: Female	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Minimal
* Eye			
Note: Both optic nerves missing.			
* Liver		Hematopoietic Cell Proliferation Inflammation	Minimal Minimal
* Thyroid Gland		Infiltration Cellular	Mononuclear CI, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66	TRT#: 2	SEX: Female	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* 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	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Eye			
Note: One optic nerve missing.			
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68	TRT#: 2	SEX: Female	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Eye			
Note: One lens missing.			
* Harderian Gland			
Note: One Harderian gland missing.			
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69	TRT#: 2	SEX: Female	DAY ON TEST: 93
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 0302838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
* Lung		Inflammation	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/22/2014

Time Report Requested: 18:02:28

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 70

TRT#: 2

DOSE: 0 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302840

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72

TRT#: 4

DOSE: 1000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302841

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73

TRT#: 4

DOSE: 1000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302842

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302843

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 4

DOSE: 1000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302844

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302845

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77

TRT#: 4

DOSE: 1000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302846

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78

TRT#: 4

DOSE: 1000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302847

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 4

DOSE: 1000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302848

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80

TRT#: 4

SEX: Female

DAY ON TEST: 93

DOSE: 1000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302849

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81

TRT#: 6

DOSE: 2000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302850

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82

TRT#: 6

DOSE: 2000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302851

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83

TRT#: 6

DOSE: 2000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302852

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84

TRT#: 6

DOSE: 2000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302853

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85

TRT#: 6

DOSE: 2000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302854

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86

TRT#: 6

DOSE: 2000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302855

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87

TRT#: 6

DOSE: 2000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302856

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88

TRT#: 6

DOSE: 2000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302857

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89

TRT#: 6

SEX: Female

DAY ON TEST: 93

DOSE: 2000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302858

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90

TRT#: 6

DOSE: 2000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302859

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91

TRT#: 8

DOSE: 3000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302860

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92

TRT#: 8

DOSE: 3000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302861

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93

TRT#: 8

DOSE: 3000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302862

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94

TRT#: 8

DOSE: 3000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302863

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95

TRT#: 8

DOSE: 3000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302864

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96

TRT#: 8

DOSE: 3000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302865

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97

TRT#: 8

DOSE: 3000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302866

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98

TRT#: 8

DOSE: 3000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302867

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 3000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302868

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100

TRT#: 8

DOSE: 3000 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 93

HISTO: 0302869

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101

TRT#: 10
DOSE: 4000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302870

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102

TRT#: 10
DOSE: 4000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302871

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302872

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302873

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105

TRT#: 10
DOSE: 4000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302874

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302875

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 10
DOSE: 4000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302876

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 4000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302877

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 10
DOSE: 4000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302878

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110

TRT#: 10
DOSE: 4000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302879

***** NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111

TRT#: 12
DOSE: 5000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Minimal
* Kidney		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 5000 MG/KG

DISP: Terminal Sacrifice

HISTO: 0302881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113

TRT#: 12
DOSE: 5000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Minimal
* Kidney		Inflammation	Minimal
* Liver		Inflammation	Minimal
* Pituitary Gland		Cyst	
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 12
DOSE: 5000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Minimal
* Kidney		Inflammation	Minimal
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115

TRT#: 12
DOSE: 5000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Minimal
* Gallbladder		Inflammation	Minimal
* Liver		Inflammation	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 12
DOSE: 5000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 12
DOSE: 5000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118

TRT#: 12
DOSE: 5000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Liver		Inflammation	Minimal
* Spleen	Lymph Follic	Depletion Cellular	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 12
DOSE: 5000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Esophagus		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
		Thrombosis	Mild
* Liver		Inflammation	Minimal
* Lung		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	

[Lymphoma Malignant TGLS = 1-10]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20005-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/22/2014
Time Report Requested: 18:02:28
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120

TRT#: 12
DOSE: 5000 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 93
HISTO: 0302889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Mild
* Liver		Inflammation	Minimal
* Lung		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE