

Experiment Number: 20005-01
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/20/2014
Time Report Requested: 07:24:53
First Dose M/F: NA / NA
Lab: BAT

C Number:	C20005
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 20005-01

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/20/2014

Time Report Requested: 07:24:53

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
0 G/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	0	0	0	0	0	
	1	2	3	4	5	*TOTALS

Alimentary System

Liver	+	+	+	+	+	5	
Hepatocyte, Fatty Change					1		1 1.0
Inflammation, Chronic Active, Focal	1	1			1		3 1.0

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	+	+	+	+	+	5	
Adrenal Medulla	+	+	+	+	+	5	

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20005-01

Test Type: 14-DAY

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Species/Strain: Rat/F 344/N

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Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
0 G/KG

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	0	0	0	0	0
	1	2	3	4	5

*TOTALS

NONE

Nervous System

Brain + + + + + 5

Respiratory System

Lung + + + + + 5

Alveolar Epith, Hyperplasia 1 1 1.0

Alveolus, Hemorrhage 2 2 1 1 1 5 1.4

Alveolus, Infiltration Cellular, Histiocyte 1 1 2 1.0

Interstitialium, Inflammation, Chronic Active 1 1 1.0

Special Senses System

NONE

Urinary System

Kidney + + + + + 5

Nephropathy 1 1 2 1.0

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+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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

Date Report Requested: 10/20/2014
Time Report Requested: 07:24:54
First Dose M/F: NA / NA
Lab: BAT

DAY ON TEST

F 344/N Rat Male
0.125 G/KG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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+ ..Tissue examined microscopically

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I ..Insufficient tissue

M ..Missing tissue

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Date Report Requested: 10/20/2014

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First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

F 344/N Rat Male

0.125 G/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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+ ..Tissue examined microscopically

X ..Lesion present

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Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
0.25 G/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	3	3	3	3	3	
	0	0	0	0	0	
	1	2	3	4	5	*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
0.25 G/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	3	3	3	3	3	
	0	0	0	0	0	
	1	2	3	4	5	*TOTALS

Respiratory System

Lung			+	+	2	
Alveolar Epith, Hyperplasia			1			1 1.0
Alveolus, Hemorrhage			2	2		2 2.0
Alveolus, Infiltration Cellular, Histiocyte			1			1 1.0

Special Senses System

NONE

Urinary System

NONE

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+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
0.5 G/KG

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	4	4	4	4	4
	0	0	0	0	0
	1	2	3	4	5

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
0.5 G/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	0	0	0	0	0	
	1	2	3	4	5	*TOTALS

Respiratory System

Lung		+		1	
Alveolus, Hemorrhage			3		1 3.0
Alveolus, Infiltration Cellular, Histiocyte			1		1 1.0

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
1.0 G/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	5	5	5	5	5	
	0	0	0	0	0	
	1	2	3	4	5	*TOTALS

Alimentary System

Liver		+		1
Hepatodiaphragmatic Nodule		X		1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
1.0 G/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	5	5	5	5	5	
	0	0	0	0	0	
	1	2	3	4	5	*TOTALS

NONE
Respiratory System

NONE
Special Senses System

NONE
Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20005-01

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Route: GAVAGE

Species/Strain: Rat/F 344/N

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Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
2.0 G/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	6	6	6	6	6	
	0	0	0	0	0	
	1	2	3	4	5	*TOTALS

Alimentary System

Liver	+	+	+	+	+	5	
Hepatocyte, Fatty Change			1				1 1.0
Inflammation, Chronic Active, Focal		1		1	1		3 1.0

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	+	+	+	+	+	5	
Adrenal Medulla	+	+	+	+	+	5	

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20005-01

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male
2.0 G/KG

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	6	6	6	6	6
	0	0	0	0	0
	1	2	3	4	5

*TOTALS

NONE

Nervous System

Brain + + + + + 5

Respiratory System

Lung + + + + + 5

Alveolar Epith, Hyperplasia 1 1.0

Alveolus, Hemorrhage 1 3 2 3 2 5 2.2

Alveolus, Infiltration Cellular, Histiocyte 1 1 2 1.0

Bronchiole, Hyperplasia 1 1.0

Fibrosis, Focal 1 1 1.0

Interstitialium, Inflammation, Chronic Active 1 1 1.0

Special Senses System

NONE

Urinary System

Kidney + + + + + 5

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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Experiment Number: 20005-01

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female
0 G/KG

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	7	7	7	7	7
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
	1	2	3	4	5

*TOTALS

Alimentary System

Liver	+	+	+	+	+	5	
Hematopoietic Cell Proliferation				1		1	1.0
Inflammation, Chronic Active, Focal	1	1	1	1	1	5	1.0

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	+	+	+	+	+	5	
Adrenal Medulla	+	+	+	+	+	5	

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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Experiment Number: 20005-01

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female
0 G/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
	1	2	3	4	5	*TOTALS

NONE

Nervous System

Brain	+	+	+	+	+	5	
-------	---	---	---	---	---	---	--

Respiratory System

Lung	+	+	+	+	+	5	
Alveolus, Hemorrhage	1	1	2	1	1	5	1.2
Alveolus, Infiltration Cellular, Histiocyte			1			1	1.0
Alveolus, Inflammation, Acute			1			1	1.0
Interstitialium, Inflammation, Chronic Active				1		1	1.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	5	
Mineralization	1			1	2	3	1.3
Nephropathy				1		1	1.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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Experiment Number: 20005-01

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ginseng

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Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

F 344/N Rat Female

0.125 G/KG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

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Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

F 344/N Rat Female

0.125 G/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

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Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female
0.25 G/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	3	3	3	3	3	
	5	5	5	5	5	
	1	2	3	4	5	*TOTALS

Alimentary System

Liver		+	1
Hepatodiaphragmatic Nodule		X	1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

F 344/N Rat Female
0.25 G/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	3	3	3	3	3	
	5	5	5	5	5	
	1	2	3	4	5	*TOTALS

NONE
Respiratory System

NONE
Special Senses System

NONE
Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

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CAS Number: 50647-08-0

Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female
0.5 G/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	5	5	5	5	5	
	1	2	3	4	5	*TOTALS

NONE

Respiratory System

Lung		+	1		
Alveolus, Hemorrhage			3	1	3.0
Fibrosis, Focal			2	1	2.0

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20005-01

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

F 344/N Rat Female

1.0 G/KG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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+ ..Tissue examined microscopically

X ..Lesion present

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M ..Missing tissue

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Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Ginseng
CAS Number: 50647-08-0

Date Report Requested: 10/20/2014
Time Report Requested: 07:24:54
First Dose M/F: NA / NA
Lab: BAT

DAY ON TEST

F 344/N Rat Female
1.0 G/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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Experiment Number: 20005-01

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Ginseng

CAS Number: 50647-08-0

Date Report Requested: 10/20/2014

Time Report Requested: 07:24:54

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female
2.0 G/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	6	6	6	6	6	
	5	5	5	5	5	
	1	2	3	4	5	*TOTALS

Alimentary System

Liver	+	+	+	+	+	5	
Inflammation, Chronic Active, Focal	1	1	1		1	4	1.0

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	+	+	+	+	+	5	
Adrenal Medulla	+	+	+	+	+	5	

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

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Lab: BAT

F 344/N Rat Female
2.0 G/KG

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	7	7	7	7	7	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	6	6	6	6	6	
	5	5	5	5	5	
	1	2	3	4	5	*TOTALS

Nervous System

Brain	+	+	+	+	+	5	
-------	---	---	---	---	---	---	--

Respiratory System

Lung	+	+	+	+	+	5	
Alveolus, Hemorrhage	1	3	1	2	1	5	1.6
Alveolus, Infiltration Cellular, Histiocyte	1	1	1		1	4	1.0
Edema				2		1	2.0
Interstitial, Inflammation, Chronic Active	1				1	2	1.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	5	
Mineralization	2		1	1		3	1.3
Nephropathy	1		1			2	1.0

** END OF REPORT **

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