

Experiment Number: 99007-01
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder
CAS Number: GOLDENSEALRT

Date Report Requested: 10/21/2014
Time Report Requested: 18:15:59
First Dose M/F: NA / NA
Lab: MBA

C Number: C99007
Lock Date: 10/11/2001
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: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:15:59

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Male
VEHICLE CONTROL

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

Alimentary System

Liver + + + + + 5

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 tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:15:59

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Male
VEHICLE CONTROL

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

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	---

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:15:59

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

DAY ON TEST

F 344/N Rat Male
1560 PPM

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

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Goldenseal root powder
CAS Number: GOLDENSEALRT

Date Report Requested: 10/21/2014
Time Report Requested: 18:15:59
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F 344/N Rat Male
1560 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

0

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:15:59

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Male
3121 PPM

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

Alimentary System

Liver + 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

NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:15:59

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Male
3121 PPM

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

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + 1

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:15:59

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

DAY ON TEST

**F 344/N Rat Male
6250 PPM**

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

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Goldenseal root powder
CAS Number: GOLDENSEALRT

Date Report Requested: 10/21/2014
Time Report Requested: 18:15:59
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F 344/N Rat Male
6250 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

0

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:15:59

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Male
12500 PPM

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

Alimentary System

Liver + + + + + 5

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 tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:15:59

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Male
12500 PPM

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

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	---

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:15:59

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Male
25000 PPM

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

Alimentary System

Liver + + + + + 5

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 tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:15:59

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Male
25000 PPM

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

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	---

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:15:59

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Male
50000 PPM

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

Alimentary System

Liver + + + + + 5

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 tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:15:59

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Male
50000 PPM

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

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + +

5

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01
 Test Type: 14-DAY
 Route: DOSED FEED
 Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Goldenseal root powder
 CAS Number: GOLDENSEALRT

Date Report Requested: 10/21/2014
 Time Report Requested: 18:15:59
 First Dose M/F: NA / NA
 Lab: MBA

**F 344/N Rat Female
 VEHICLE CONTROL**

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	1
	6	7	8	9	0
	*TOTALS				

Alimentary System

Liver + + + + + 5

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 tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:16:00

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Female
VEHICLE CONTROL

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	1	
	6	7	8	9	0	*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	---

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:16:00

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Female
1560 PPM

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	2	
	6	7	8	9	0	*TOTALS

Alimentary System

Liver + 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

NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:16:00

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Female
1560 PPM

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	2	
	6	7	8	9	0	*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + 1

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Goldenseal root powder
CAS Number: GOLDENSEALRT

Date Report Requested: 10/21/2014
Time Report Requested: 18:16:00
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F 344/N Rat Female
3121 PPM

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

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 99007-01

Test Type: 14-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Date Report Requested: 10/21/2014

Time Report Requested: 18:16:00

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

F 344/N Rat Female

3121 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

0

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Goldenseal root powder
CAS Number: GOLDENSEALRT

Date Report Requested: 10/21/2014
Time Report Requested: 18:16:00
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F 344/N Rat Female
6250 PPM

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

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 99007-01
Test Type: 14-DAY
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Goldenseal root powder
CAS Number: GOLDENSEALRT

Date Report Requested: 10/21/2014
Time Report Requested: 18:16:00
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

F 344/N Rat Female
6250 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:16:00

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Female
12500 PPM

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	5	
	6	7	8	9	0	*TOTALS

Alimentary System

Liver + + + + + 5

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 tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99007-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:16:00

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Female
12500 PPM

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	5	
	6	7	8	9	0	*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	---

* ..Total animals with tissue examined microscopically; Total animals with tumor

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Experiment Number: 99007-01

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Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:16:00

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Female
25000 PPM

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	5	5	5	5	6	
	6	7	8	9	0	*TOTALS

Alimentary System

Liver + + + + + 5

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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Lab: MBA

F 344/N Rat Female
25000 PPM

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	5	5	5	5	6	
	6	7	8	9	0	*TOTALS

Respiratory System

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Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	5
----------------	---	---	---	---	---	---

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Experiment Number: 99007-01

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Date Report Requested: 10/21/2014

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Time Report Requested: 18:16:00

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: MBA

F 344/N Rat Female
50000 PPM

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	6	6	6	6	7	
	6	7	8	9	0	*TOTALS

Alimentary System

Liver + + + + + 5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

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F 344/N Rat Female
50000 PPM

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	6	6	6	6	7	
	6	7	8	9	0	
						*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + +

5

** END OF REPORT **

* ..Total animals with tissue examined microscopically; Total animals with tumor

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