

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

NTP Study Number: C20605
Lock Date: Not Entered.
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 121

TRT#: 1

SEX: Male

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Epididymis

* Heart

* Islets, Pancreatic

* Kidney

* Liver

* Pancreas

* Parathyroid Gland

* Prostate

* Seminal Vesicle

* Spleen

* Testes

* Thyroid Gland

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 122

TRT#: 1

SEX: Male

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Epididymis

* Heart

* Islets, Pancreatic

* Liver

* Pancreas

* Parathyroid Gland

* Prostate

* Seminal Vesicle

* Spleen

* Testes

* Thyroid Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 123

TRT#: 1

SEX: Male

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Epididymis

* Heart

* Islets, Pancreatic

* Kidney

* Liver

* Pancreas

* Parathyroid Gland

* Prostate

* Seminal Vesicle

* Spleen

* Testes

* Thyroid Gland

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 124

TRT#: 1

SEX: Male

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Islets, Pancreatic
* Parathyroid Gland
* Testes

* Adrenal Medulla
* Kidney
* Prostate
* Thyroid Gland

* Blood Vessel
* Liver
* Seminal Vesicle

* Epididymis
* Pancreas
* Spleen

OBSERVATIONS

* Heart

Cardiomyopathy

Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 125

TRT#: 1

SEX: Male

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Islets, Pancreatic
* Parathyroid Gland
* Testes

* Adrenal Medulla
* Kidney
* Prostate
* Thyroid Gland

* Blood Vessel
* Liver
* Seminal Vesicle

* Heart
* Pancreas
* Spleen

OBSERVATIONS

* Epididymis

Degeneration

Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 126

TRT#: 1

SEX: Male

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Epididymis

* Heart

* Islets, Pancreatic

* Liver

* Pancreas

* Parathyroid Gland

* Prostate

* Seminal Vesicle

* Spleen

* Testes

* Thyroid Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 127

TRT#: 1

SEX: Male

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Islets, Pancreatic
* Parathyroid Gland
* Testes

* Blood Vessel
* Kidney
* Prostate

* Epididymis
* Liver
* Seminal Vesicle

* Heart
* Pancreas
* Spleen

OBSERVATIONS

* Adrenal Cortex
* Thyroid Gland

Hypertrophy
Infiltration Cellular

Minimal
Mononuclear CI, Minimal

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 128

TRT#: 1

SEX: Male

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Parathyroid Gland
* Testes

* Adrenal Medulla
* Islets, Pancreatic
* Prostate
* Thyroid Gland

* Blood Vessel
* Liver
* Seminal Vesicle

* Epididymis
* Pancreas
* Spleen

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 129

TRT#: 1

SEX: Male

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Epididymis

* Heart

* Islets, Pancreatic

* Kidney

* Liver

* Pancreas

* Parathyroid Gland

* Prostate

* Seminal Vesicle

* Spleen

* Testes

* Thyroid Gland

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 130

TRT#: 1

SEX: Male

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Epididymis

* Heart

* Islets, Pancreatic

* Kidney

* Liver

* Pancreas

* Parathyroid Gland

* Prostate

* Seminal Vesicle

* Spleen

* Testes

* Thyroid Gland

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 131

TRT#: 3

SEX: Male

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906244

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 132

TRT#: 3

SEX: Male

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906245

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 133

TRT#: 3

SEX: Male

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906246

OBSERVATIONS

Stomach, Forestomach

Mineralization

Mild

[Mineralization TGLs = 1-7]

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 134

TRT#: 3

SEX: Male

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906247

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 135

TRT#: 3

SEX: Male

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906248

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 136

TRT#: 3

SEX: Male

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906249

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 137

TRT#: 3

SEX: Male

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906250

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 138

TRT#: 3

SEX: Male

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906251

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 139

TRT#: 3

SEX: Male

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906252

OBSERVATIONS

Stomach, Forestomach

Mineralization

Minimal

[Mineralization TGLs = 1-7]

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 140

TRT#: 3

SEX: Male

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906253

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906254

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906255

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906256

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906257

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906258

OBSERVATIONS

Heart

Cardiomyopathy

Mild

[Cardiomyopathy TGLs = 1-3]

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906259

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906260

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906261

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906262

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906263

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906264

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906265

OBSERVATIONS

Thymus

Hemorrhage

Mild

Inflammation

Chronic, Moderate

[Hemorrhage TGLs = 1-7]

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906266

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906267

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906268

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906269

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906270

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906271

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906272

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906273

OBSERVATIONS

Thymus

Hemorrhage

Minimal

[Hemorrhage TGLs = 1-7]

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 161

TRT#: 9

SEX: Male

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906274

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 162

TRT#: 9

SEX: Male

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906275

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 163

TRT#: 9

SEX: Male

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906276

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 164

TRT#: 9

SEX: Male

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906277

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 165

TRT#: 9

SEX: Male

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906278

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 166

TRT#: 9

SEX: Male

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906279

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 167

TRT#: 9

SEX: Male

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906280

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 168

TRT#: 9

SEX: Male

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906281

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 169

TRT#: 9

SEX: Male

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906282

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 170

TRT#: 9

SEX: Male

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906283

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 171

TRT#: 11

SEX: Male

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Islets, Pancreatic
* Parathyroid Gland
* Testes

* Blood Vessel
* Kidney
* Prostate
* Thyroid Gland

* Epididymis
* Liver
* Seminal Vesicle

* Heart
* Pancreas
* Spleen

OBSERVATIONS

* Adrenal Cortex

Vacuolization Cytoplasmic

Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 172

TRT#: 11

SEX: Male

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Islets, Pancreatic
* Prostate
* Thyroid Gland

* Blood Vessel
* Liver
* Seminal Vesicle

* Epididymis
* Pancreas
* Spleen

* Heart
* Parathyroid Gland
* Testes

OBSERVATIONS

* Adrenal Cortex
* Kidney

Hypertrophy
Developmental Malformation
Nephropathy

Minimal
Moderate
Minimal

Note: Dysplasia/hypoplasia of left kidney.

[Developmental Malformation TGLs = 1-7]

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 173

TRT#: 11

SEX: Male

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Pancreas
* Spleen

* Adrenal Medulla
* Islets, Pancreatic
* Parathyroid Gland
* Testes

* Blood Vessel
* Kidney
* Prostate
* Thyroid Gland

* Epididymis
* Liver
* Seminal Vesicle

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 174

TRT#: 11

SEX: Male

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Islets, Pancreatic
* Prostate
* Thyroid Gland

* Blood Vessel
* Liver
* Seminal Vesicle

* Epididymis
* Pancreas
* Spleen

* Heart
* Parathyroid Gland
* Testes

OBSERVATIONS

* Adrenal Cortex
* Kidney

Hypertrophy
Nephropathy

Minimal
Minimal

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 175

TRT#: 11

SEX: Male

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Heart
- * Parathyroid Gland
- * Testes

- * Adrenal Medulla
- * Islets, Pancreatic
- * Prostate
- * Thyroid Gland

- * Blood Vessel
- * Liver
- * Seminal Vesicle

- * Epididymis
- * Pancreas
- * Spleen

OBSERVATIONS

- * Kidney

Nephropathy

Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 176

TRT#: 11

SEX: Male

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Epididymis

* Heart

* Islets, Pancreatic

* Kidney

* Liver

* Pancreas

* Parathyroid Gland

* Prostate

* Seminal Vesicle

* Spleen

* Testes

* Thyroid Gland

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 177

TRT#: 11

SEX: Male

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Islets, Pancreatic
* Seminal Vesicle

* Blood Vessel
* Liver
* Spleen

* Epididymis
* Pancreas
* Testes

* Heart
* Prostate
* Thyroid Gland

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex
* Kidney

Vacuolization Cytoplasmic
Nephropathy

Minimal
Minimal

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 178

TRT#: 11

SEX: Male

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Epididymis	* Heart
* Islets, Pancreatic	* Kidney	* Liver	* Pancreas
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Spleen
* Testes	* Thyroid Gland		

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
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Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 179

TRT#: 11

SEX: Male

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Epididymis

* Heart

* Islets, Pancreatic

* Liver

* Pancreas

* Parathyroid Gland

* Prostate

* Seminal Vesicle

* Spleen

* Testes

* Thyroid Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 180

TRT#: 11

SEX: Male

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Islets, Pancreatic
* Prostate
* Thyroid Gland

* Blood Vessel
* Liver
* Seminal Vesicle

* Epididymis
* Pancreas
* Spleen

* Heart
* Parathyroid Gland
* Testes

OBSERVATIONS

* Adrenal Cortex
* Kidney

Hypertrophy
Nephropathy

Mild
Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 181

TRT#: 2

SEX: Female

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Islets, Pancreatic
* Parathyroid Gland

* Blood Vessel
* Liver
* Spleen

* Clitoral Gland
* Ovary
* Thyroid Gland

* Heart
* Pancreas
* Uterus

OBSERVATIONS

* Adrenal Cortex
* Kidney

Hypertrophy
Nephropathy

Minimal
Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 182

TRT#: 2

SEX: Female

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Ovary
* Thyroid Gland

* Adrenal Medulla
* Islets, Pancreatic
* Pancreas
* Uterus

* Blood Vessel
* Kidney
* Parathyroid Gland

* Clitoral Gland
* Liver
* Spleen

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 183

TRT#: 2

SEX: Female

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Pancreas

* Adrenal Medulla
* Islets, Pancreatic
* Spleen

* Blood Vessel
* Liver
* Thyroid Gland

* Clitoral Gland
* Ovary

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney
* Uterus

Nephropathy
Hyperplasia

Minimal
Cystic, Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 184

TRT#: 2

SEX: Female

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Ovary
* Thyroid Gland

* Adrenal Medulla
* Islets, Pancreatic
* Pancreas
* Uterus

* Blood Vessel
* Kidney
* Parathyroid Gland

* Clitoral Gland
* Liver
* Spleen

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 185

TRT#: 2

SEX: Female

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Islets, Pancreatic
* Parathyroid Gland

* Adrenal Medulla
* Liver
* Spleen

* Clitoral Gland
* Ovary
* Thyroid Gland

* Heart
* Pancreas
* Uterus

OBSERVATIONS

* Blood Vessel
* Kidney

Infiltration Cellular
Nephropathy

Mononuclear CI, Minimal
Minimal

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 186

TRT#: 2

SEX: Female

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Clitoral Gland	* Heart
* Islets, Pancreatic	* Liver	* Ovary	* Pancreas
* Parathyroid Gland	* Spleen	* Thyroid Gland	* Uterus

OBSERVATIONS

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
* Kidney	Nephropathy	Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 187

TRT#: 2

SEX: Female

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Ovary
* Thyroid Gland

* Adrenal Medulla
* Islets, Pancreatic
* Pancreas
* Uterus

* Blood Vessel
* Kidney
* Parathyroid Gland

* Clitoral Gland
* Liver
* Spleen

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 188

TRT#: 2

SEX: Female

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Ovary
* Thyroid Gland

* Adrenal Medulla
* Islets, Pancreatic
* Pancreas
* Uterus

* Blood Vessel
* Kidney
* Parathyroid Gland

* Clitoral Gland
* Liver
* Spleen

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 189

TRT#: 2

SEX: Female

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Islets, Pancreatic
* Pancreas
* Uterus

* Blood Vessel
* Kidney
* Parathyroid Gland

* Clitoral Gland
* Liver
* Spleen

* Heart
* Ovary
* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex

Vacuolization Cytoplasmic

Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 190

TRT#: 2

SEX: Female

DAY ON TEST: 28

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Ovary
* Thyroid Gland

* Adrenal Medulla
* Islets, Pancreatic
* Pancreas
* Uterus

* Blood Vessel
* Kidney
* Parathyroid Gland

* Clitoral Gland
* Liver
* Spleen

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 191

TRT#: 4

SEX: Female

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906304

OBSERVATIONS

Thymus

Hemorrhage

Minimal

[Hemorrhage TGLs = 1-6]

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 192

TRT#: 4

SEX: Female

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906305

OBSERVATIONS

Thymus

Hemorrhage

Marked

Inflammation

Chronic, Marked

[Hemorrhage TGLs = 1-6]

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 193

TRT#: 4

SEX: Female

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906306

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 194

TRT#: 4

SEX: Female

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906307

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 195

TRT#: 4

SEX: Female

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906308

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 196

TRT#: 4

SEX: Female

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906309

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 197

TRT#: 4

SEX: Female

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906310

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 198

TRT#: 4

SEX: Female

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906311

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 199

TRT#: 4

SEX: Female

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906312

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 200

TRT#: 4

SEX: Female

DAY ON TEST: 28

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906313

OBSERVATIONS

Liver

Fibrosis

Mild

Note: Fibrosis in the part of the liver than was herniated through a perforated diaphragm.

Skeletal Muscle

Degeneration

Minimal

Note: Degeneration was used in lieu of the unavailable choice "malformation".

[Degeneration TGLs = 1-6]

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 201

TRT#: 6

SEX: Female

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906314

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 202

TRT#: 6

SEX: Female

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906315

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 203

TRT#: 6

SEX: Female

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906316

OBSERVATIONS

Thymus

Hemorrhage

Minimal

[Hemorrhage TGLs = 1-6]

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 204

TRT#: 6

SEX: Female

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906317

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 205

TRT#: 6

SEX: Female

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906318

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 206

TRT#: 6

SEX: Female

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906319

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 207

TRT#: 6

SEX: Female

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906320

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 208

TRT#: 6

SEX: Female

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906321

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 209

TRT#: 6

SEX: Female

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906322

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 210

TRT#: 6

SEX: Female

DAY ON TEST: 28

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906323

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 211

TRT#: 8

SEX: Female

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906324

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 212

TRT#: 8

SEX: Female

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906325

OBSERVATIONS

Thymus

Hemorrhage

Minimal

[Hemorrhage TGLs = 1-6]

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 213

TRT#: 8

SEX: Female

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906326

OBSERVATIONS

Thymus

Hemorrhage

Minimal

[Hemorrhage TGLs = 1-6]

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 214

TRT#: 8

SEX: Female

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906327

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 215

TRT#: 8

SEX: Female

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906328

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 216

TRT#: 8

SEX: Female

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906329

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 217

TRT#: 8

SEX: Female

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906330

OBSERVATIONS

Thymus

Hemorrhage

Mild

[Hemorrhage TGLs = 1-6]

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 218

TRT#: 8

SEX: Female

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906331

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 219

TRT#: 8

SEX: Female

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906332

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 220

TRT#: 8

SEX: Female

DAY ON TEST: 28

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906333

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 221

TRT#: 10

SEX: Female

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906334

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 222

TRT#: 10

SEX: Female

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906335

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 223

TRT#: 10

SEX: Female

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906336

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 224

TRT#: 10

SEX: Female

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906337

OBSERVATIONS

Thymus

Hemorrhage

Marked

Inflammation

Chronic, Marked

[Hemorrhage TGLs = 1-6]

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 225

TRT#: 10

SEX: Female

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906338

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 226

TRT#: 10

SEX: Female

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906339

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 227

TRT#: 10

SEX: Female

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906340

OBSERVATIONS

Thymus

Hemorrhage

Mild

[Hemorrhage TGLs = 1-6]

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 228

TRT#: 10

SEX: Female

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906341

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 229

TRT#: 10

SEX: Female

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906342

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 230

TRT#: 10

SEX: Female

DAY ON TEST: 28

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906343

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 231

TRT#: 12

SEX: Female

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Ovary
* Thyroid Gland

* Adrenal Medulla
* Islets, Pancreatic
* Pancreas
* Uterus

* Blood Vessel
* Kidney
* Parathyroid Gland

* Clitoral Gland
* Liver
* Spleen

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 232

TRT#: 12

SEX: Female

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Islets, Pancreatic
* Pancreas

* Blood Vessel
* Kidney
* Parathyroid Gland

* Clitoral Gland
* Liver
* Spleen

* Heart
* Ovary
* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex
* Uterus

Hypertrophy
Hyperplasia

Minimal
Cystic, Mild

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 233

TRT#: 12

SEX: Female

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Ovary
* Thyroid Gland

* Adrenal Medulla
* Islets, Pancreatic
* Pancreas
* Uterus

* Blood Vessel
* Kidney
* Parathyroid Gland

* Clitoral Gland
* Liver
* Spleen

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 234

TRT#: 12

SEX: Female

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Clitoral Gland	* Heart
* Islets, Pancreatic	* Kidney	* Liver	* Ovary
* Pancreas	* Parathyroid Gland	* Spleen	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Thymus		Hemorrhage	Marked
		Inflammation	Chronic, Marked
[Hemorrhage TGLs = 1-6]			
* Uterus		Hyperplasia	Cystic, Mild

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 235

TRT#: 12

SEX: Female

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Ovary
* Thyroid Gland

* Adrenal Medulla
* Islets, Pancreatic
* Pancreas
* Uterus

* Blood Vessel
* Kidney
* Parathyroid Gland

* Clitoral Gland
* Liver
* Spleen

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 236

TRT#: 12

SEX: Female

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Ovary
* Uterus

* Adrenal Medulla
* Islets, Pancreatic
* Pancreas

* Blood Vessel
* Kidney
* Spleen

* Clitoral Gland
* Liver
* Thyroid Gland

MISSING

* Parathyroid Gland

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 237

TRT#: 12

SEX: Female

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Clitoral Gland	* Heart
* Islets, Pancreatic	* Liver	* Ovary	* Pancreas
* Parathyroid Gland	* Spleen	* Thyroid Gland	* Uterus

OBSERVATIONS

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
* Kidney	Nephropathy	Minimal

Experiment Number: 20605 - 99

Test Type: SPECIAL STUDY

Route: GAVAGE

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Gum Guggul Extract

CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019

Time Report Requested: 15:00:28

First Dose M/F: 07/23/09 / 07/24/09

Lab: BAT

ANIMAL ID: 238

TRT#: 12

SEX: Female

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Ovary
* Thyroid Gland

* Adrenal Medulla
* Islets, Pancreatic
* Pancreas
* Uterus

* Blood Vessel
* Kidney
* Parathyroid Gland

* Clitoral Gland
* Liver
* Spleen

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 239

TRT#: 12

SEX: Female

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Islets, Pancreatic
* Pancreas

* Blood Vessel
* Kidney
* Parathyroid Gland

* Clitoral Gland
* Liver
* Spleen

* Heart
* Ovary
* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex
* Uterus

Hypertrophy
Hyperplasia

Minimal
Cystic, Mild

Experiment Number: 20605 - 99
Test Type: SPECIAL STUDY
Route: GAVAGE
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Gum Guggul Extract
CAS Number: GUMGUGGULEXT

Date Report Requested: 05/13/2019
Time Report Requested: 15:00:28
First Dose M/F: 07/23/09 / 07/24/09
Lab: BAT

ANIMAL ID: 240

TRT#: 12

SEX: Female

DAY ON TEST: 28

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0906353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Clitoral Gland	* Heart
* Islets, Pancreatic	* Kidney	* Ovary	* Pancreas
* Spleen	* Thyroid Gland	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Liver	Fatty Change	Minimal

*** END OF REPORT ***