

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

C Number: C54364

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Galactocele
		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

DOSE: 50000 PPM

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Lung

Pituitary gland

Thyroid

Uterus

Cytoplasmic Change, Basophilic

Squamous Cell Carcinoma

Adenoma, Nos

Hyperplasia, C Cell

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Liver
Pituitary gland
Thyroid

Nephropathy
Cytoplasmic Change, Basophilic
Adenoma, Nos
C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood

Hematopoietic System

Neoplasm, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Pituitary gland

Unspecified

Multiple Organs Nos

Metamorphosis, Fatty

Adenoma, Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Galactocele

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Mineralization

Mammary gland

Nephropathy

Pituitary gland

Galactocele

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mineralization

Liver

Nephropathy

Pituitary gland

Cytoplasmic Change, Basophilic

Thyroid

Adenoma, Nos

Uterus

Hyperplasia, C Cell

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Sup.Panc-Duod.Artery

Perivasculitis

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Perivasculitis

Mineralization

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Pituitary gland

Nephropathy

Adenocarcinoma, Nos

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Focal Cellular Change
Pituitary gland	Neoplasm, Nos
Uterus	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Basophilic
Mammary gland	Adenoma, Nos
Spleen	Hematopoiesis
Thyroid	Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Cytoplasmic Change, Basophilic

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Peyers Patch

Hyperplasia, Nos

Liver

Cytoplasmic Change, Basophilic

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney
Mammary gland
Vagina

Nephrosis, Hydro
Galactocele
Leiomyosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Clitoral gland

Liver

Spleen

Uterus

Adenoma, Nos

Cytoplasmic Change, Basophilic

Hematopoiesis

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Lung

Alveolar/Bronchiolar Carcinoma

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Mammary gland

Fibroadenoma

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Adenoma, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Galactocele

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pituitary gland		Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Thyroid

Hyperplasia, C Cell

Uterus

Endometrium

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mineralization

Liver

Nephropathy

Mammary gland

Cytoplasmic Change, Basophilic

Galactocele

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Uterus

Cortical Adenoma

Cytoplasmic Change, Basophilic

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Mammary gland

Fibroadenoma

Galactocele

Pituitary gland

Neoplasm, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Adenoma, Nos
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Mineralization

Liver

Nephropathy

Mammary gland

Metamorphosis, Fatty

Pituitary gland

Neoplastic Nodule

Spleen

Fibroadenoma

Galactocele

Adenoma, Nos

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Lung

Thyroid

Unspecified

Uterus

Cytoplasmic Change, Basophilic

Alveolar/Bronchiolar Adenoma

C-Cell Adenoma

Fibroma

Endometrial Stromal Polyp

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Mammary gland

Pituitary gland

Alveolar/Bronchiolar Adenoma

Fibroadenoma

Galactocele

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Mammary gland

Pituitary gland

Spleen

Cytoplasmic Change, Basophilic

Fibroadenoma

Adenoma, Nos

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Adenoma, Nos

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Mammary gland

Pituitary gland

Unspecified

Multiple Organs Nos

Metamorphosis, Fatty

Fibroadenoma

Galactocele

Adenoma, Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Leukemia, Myelomonocytic

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Pituitary gland

Galactocele

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Pituitary gland

Unspecified

Multiple Organs Nos

Metamorphosis, Fatty

Dilatation, Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Pituitary gland

Adenoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mineralization

Liver

Nephropathy

Pituitary gland

Cytoplasmic Change, Basophilic

Thyroid

Adenoma, Nos

Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Spleen

Urinary bladder

Cytoplasmic Change, Basophilic

Hematopoiesis

Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Mammary gland

Spleen

Cytoplasmic Change, Basophilic

Fibroadenoma

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pituitary gland		Adenoma, Nos
Stomach	Omentum Nos	Necrosis, Fat
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Pituitary gland

Neoplasm, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Lung

Foreign Body, Reaction

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Pituitary gland

Adenoma, Nos

Spleen

Hematopoiesis

Stomach

Omentum Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Lung

Alveolar/Bronchiolar Adenoma

Pituitary gland

Adenoma, Nos

Spleen

Hematopoiesis

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Spleen

Thyroid

Pheochromocytoma

Cytoplasmic Change, Basophilic

Hematopoiesis

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

DOSE: 25000 PPM

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Basophilic
Mammary gland	Fibroadenoma
Pituitary gland	Adenoma, Nos
Spleen	Hematopoiesis
Thyroid	C-Cell Adenoma
Uterus	Endometrial Stromal Polyp
Endometrium	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Mammary gland

Fibroadenoma

Spleen

Focal Cellular Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Inflammation, Nos

Liver

Metaplasia, Squamous

Pituitary gland

Cytoplasmic Change, Basophilic

Spleen

Dilatation, Nos

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

DOSE: 25000 PPM

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Mammary gland

Pituitary gland

Spleen

Uterus

Nephropathy

Focal Cellular Change

Fibroadenoma

Adenoma, Nos

Hematopoiesis

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Mammary gland

Uterus

Cortical Adenoma

Cytoplasmic Change, Basophilic

Fibroadenoma

Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Necrosis, Focal

Uterus

Adenoma, Nos

Hyperplasia, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Pituitary gland

Adenoma, Nos

Spleen

Hematopoiesis

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

DOSE: 25000 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Spleen

Uterus

Metamorphosis, Fatty

Nephrosis, Hydro

Hematopoiesis

Hydrometra

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Pituitary gland

Galactocele

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Galactocele

Pituitary gland

Adenoma, Nos

Stomach

Acanthosis

Hyperkeratosis

Hyperplasia, Basal Cell

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland
Kidney

Medulla

Hyperplasia, Nos
Adenoma, Nos
Mineralization
Nephropathy
Cytoplasmic Change, Basophilic
Fibrosis
Hematopoiesis
Necrosis, Focal
Inflammation, Nos
Galactocele
Adenoma, Nos
Adenoma, Nos
Hyperplasia, Basal Cell
Hematopoiesis

Liver

Lung
Mammary gland
Parathyroid gland
Pituitary gland
Skin
Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Lung

Alveolar/Bronchiolar Adenoma

Pituitary gland

Adenoma, Nos

Spleen

Hematopoiesis

Stomach

Acanthosis

Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Clitoral gland

Kidney

Liver

Pituitary gland

Thyroid

Pheochromocytoma

Adenoma, Nos

Nephropathy

Cytoplasmic Change, Basophilic

Adenoma, Nos

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone

Osteosarcoma

Liver

Necrosis, Focal

Spleen

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Inflammation, Nos
	Endocardium Nos	Inflammation, Nos
Kidney		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Focal Cellular Change

Mammary gland

Fibroadenoma

Galactocele

Pituitary gland

Adenoma, Nos

Spleen

Hematopoiesis

Uterus

Hyperplasia, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Metamorphosis, Fatty

Pituitary gland

Adenoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Mammary gland

Unspecified

Multiple Organs Nos

Pheochromocytoma

Focal Cellular Change

Fibroadenoma

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Focal Cellular Change
Mammary gland		Fibroadenoma
Pancreas	Acinus	Hypertrophy, Focal
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Focal Cellular Change

Pituitary gland

Metamorphosis, Fatty

Spleen

Adenoma, Nos

Unspecified

Leg

Hematopoiesis

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood
Mammary gland

Hematopoietic System

Neoplasm, Nos
Fibroadenoma
Galactocele

Spleen
Unspecified

Leg

Hematopoiesis
Neoplasm, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Basophilic
Lung	Carcinoma, Nos, Metastatic
	Foreign Body, Reaction
	Inflammation, Nos
Lymph node	Hematopoiesis
	Plasmacytosis
Mammary gland	Fibroadenoma
	Galactocele
Spleen	Hematopoiesis
Zymbal gland	Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Necrosis, Focal

Thymus

Fibroadenoma

Thymoma, Benign

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Focal Cellular Change

Pituitary gland

Adenoma, Nos

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Adenoma, Nos

Spleen

Hematopoiesis

Stomach

Hyperkeratosis

Hyperplasia, Basal Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Adenoma, Nos

Uterus

Cervix Uteri

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
		Galactocele
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Basophilic
Mammary gland	Fibroadenoma
Pituitary gland	Adenoma, Nos
Uterus	Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Mammary gland		Adenoma, Nos
		Galactocele
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Medulla

Hyperplasia, Nos
Nephropathy
Cytoplasmic Change, Basophilic
Metamorphosis, Fatty
Adenoma, Nos
Hematopoiesis
Endometrial Stromal Polyp

Pituitary gland
Spleen
Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Perivasculitis
Kidney	Nephropathy
Liver	Cytoplasmic Change, Basophilic
Pituitary gland	Adenoma, Nos
Spleen	Hematopoiesis
Thyroid	C-Cell Carcinoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Pituitary gland

Thyroid

Unspecified

Multiple Organs Nos

Metamorphosis, Fatty

Adenoma, Nos

Hyperplasia, C Cell

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Metamorphosis, Fatty

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic Necrosis, Focal
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Spleen

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Nephropathy

Cytoplasmic Change, Basophilic

Adenoma, Nos

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Galactocele
Pituitary gland		Adenoma, Nos
Stomach		Acanthosis
		Hyperplasia, Basal Cell
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Pituitary gland

Spleen

Nephropathy

Cytoplasmic Change, Basophilic

Adenoma, Nos

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney
Liver
Pituitary gland
Thyroid

Nephropathy
Cytoplasmic Change, Basophilic
Adenoma, Nos
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Basophilic
Spleen	Hematopoiesis
Uterus	Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver
Mammary gland

Pituitary gland
Spleen

Focal Cellular Change
Fibroadenoma
Galactocele
Adenoma, Nos
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Mineralization

Liver

Nephropathy

Spleen

Focal Cellular Change

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney
Liver
Pituitary gland
Spleen
Stomach

Nephropathy
Cytoplasmic Change, Basophilic
Adenoma, Nos
Hematopoiesis
Acanthosis
Hyperplasia, Basal Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Pheochromocytoma

Clitoral gland

Adenoma, Nos

Kidney

Inflammation, Nos

Nephropathy

Liver

Metamorphosis, Fatty

Neoplastic Nodule

Mammary gland

Fibroadenoma

Inflammation, Nos

Stomach

Squamous Cell Papilloma

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos Inflammation, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma Galactocele
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Mammary gland

Pancreas

Pituitary gland

Spleen

Islets

Nephropathy

Cytoplasmic Change, Basophilic

Fibroadenoma

Islet-Cell Adenoma

Adenoma, Nos

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Mastocytosis

Spleen

Metamorphosis, Fatty

Mastocytosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Basophilic
Mammary gland	Fibroadenoma
Stomach	Acanthosis
Uterus	Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Clitoral gland

Kidney

Liver

Spleen

Carcinoma, Nos

Nephropathy

Cytoplasmic Change, Basophilic

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Stomach

Unspecified

Necrosis, Nos

Osteosarcoma, Invasive

Multiple Organs Nos

Osteosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Liver

Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Dilatation, Nos

Heart

Myocardium Nos

Hypertrophy, Focal

Kidney

Degeneration, Nos

Liver

Nephropathy

Pancreas

Islets

Cytoplasmic Change, Basophilic

Pituitary gland

Islet-Cell Adenoma

Unspecified

Multiple Organs Nos

Adenoma, Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
		Galactocele
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Pituitary gland

Nephropathy

Cytoplasmic Change, Basophilic

Alveolar/Bronchiolar Adenoma

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Mineralization

Nephropathy

Liver

Focal Cellular Change

Pituitary gland

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Clitoral gland
Kidney
Liver
Mammary gland

Adenoma, Nos
Nephropathy
Cytoplasmic Change, Basophilic
Fibroadenoma
Galactocele
Adenoma, Nos
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Pituitary gland

Thyroid

Hemorrhage

Neoplasm, Nos

C-Cell Tumor, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Nephropathy

Focal Cellular Change

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Adenoma, Nos
Pituitary gland		Adenoma, Nos
Skin		Cyst, Epidermal Inclusion
		Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Stomach

Nephropathy

Acanthosis

Hyperplasia, Basal Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Thyroid

Unspecified

Multiple Organs Nos

Nephropathy

Hyperplasia, C Cell

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Pituitary gland

Spleen

Pheochromocytoma

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Alveolar Epithelium

Adenoma, Nos

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Fibrosis

Metamorphosis, Fatty

Necrosis, Focal

Mammary gland

Fibroadenoma

Pituitary gland

Adenoma, Nos

Spleen

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Inflammation, Nos

Mineralization

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Inflammation, Nos

Pituitary gland

Adenoma, Nos

Spleen

Hematopoiesis

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Nephropathy

Cytoplasmic Change, Basophilic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Necrosis, Focal

Pancreas

Acinus

Neoplastic Nodule

Unspecified

Leg

Atrophy, Nos

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Fibrosis
Mammary gland	Metamorphosis, Fatty
Ovary	Galactocele
Spleen	Mineralization
	Mineralization
	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Basophilic
Mammary gland	Fibroadenoma
Pituitary gland	Dilatation, Nos
Spleen	Hematopoiesis
Unspecified	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Pituitary gland

Nephropathy

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Metamorphosis, Fatty

Pituitary gland

Adenoma, Nos

Stomach

Hyperplasia, Basal Cell

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney
Liver
Pituitary gland
Spleen
Thyroid

Nephropathy
Cytoplasmic Change, Basophilic
Adenoma, Nos
Hematopoiesis
C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney
Liver
Mammary gland

Pituitary gland
Stomach

Nephropathy
Metamorphosis, Fatty
Fibroadenoma
Galactocele
Adenoma, Nos
Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood	Hematopoietic System	Neoplasm, Nos
Liver		Calcification, Focal
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Pituitary gland		Adenoma, Nos
Stomach		Acanthosis
		Hyperplasia, Basal Cell
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Pituitary gland

Spleen

Thyroid

Nephropathy

Cytoplasmic Change, Basophilic

Adenoma, Nos

Hematopoiesis

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Pituitary gland

Nephropathy

Cytoplasmic Change, Basophilic

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Mineralization

Liver

Nephropathy

Pituitary gland

Cytoplasmic Change, Basophilic

Uterus

Adenoma, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Lung

Pleural Cavity Nos

Cytoplasmic Change, Basophilic

Hemangiopericytoma, Malignant

Hemangiopericytoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Pituitary gland

Nephropathy

Cytoplasmic Change, Basophilic

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Pituitary gland		Dilatation, Nos
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54364

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tara gum

CAS Number: 39300-88-4

Date Report Requested: 10/26/2014

Time Report Requested: 14:39:41

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Inflammation, Nos
Mammary gland		Fibroadenoma
		Galactocele
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****