

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C54364
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Female

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland		Hyperplasia, Nos
Liver		Necrosis, Focal
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Ovary		Degeneration, Cystic
		Granulosa-Cell Tumor
Pituitary gland		Adenoma, Nos
Stomach		Acanthosis
		Hyperkeratosis
		Inflammation, Nos
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node		Abscess, Nos
Ovary		Abscess, Nos
Peritoneum		Inflammation, Nos
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_003

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Spleen  
Unspecified

Multiple Organs Nos

Hyperplasia, Nos  
Hematopoiesis  
Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Unspecified		Melanoma, Malignant

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Liver  
Stomach

Hyperplasia, Nos  
Clear-Cell Change  
Acanthosis  
Hyperkeratosis

Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_006

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Uterus

Endometrium

Hyperplasia, Nos  
Hyperplasia, Cystic  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_007

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lung	Bronchus	Inflammation, Nos Inflammation, Nos
Stomach		Hyperkeratosis
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Lung	Bronchus	Inflammation, Nos Inflammation, Nos
Pituitary gland		Adenoma, Nos
Stomach		Acanthosis Hyperkeratosis
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Ovary  
Spleen

Hyperplasia, Nos  
Abscess, Nos  
Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland

Harderian gland

Lung

Pituitary gland

Salivary gland

Hardarian Gland

Hyperplasia, Nos

Carcinoma, Nos

Carcinoma, Nos, Metastatic

Adenoma, Nos

Carcinoma, Nos, Invasive

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Inflammation, Focal
	Bronchus	Inflammation, Nos
Spleen		Hematopoiesis
Stomach		Acanthosis
		Hyperkeratosis
		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Necrosis, Focal
Lung		Inflammation, Nos
Spleen		Hematopoiesis
Stomach		Inflammation, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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

Hematopoiesis

Spleen

Hematopoiesis

Stomach

Hyperkeratosis

Uterus

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hematopoiesis
Lung		Alveolar/Bronchiolar Carcinoma
	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node		Hematopoiesis
Spleen		Hematopoiesis
Stomach		Hyperkeratosis
		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Hematopoiesis

Hyperplasia, Nos

Liver

Hematopoiesis

Ovary

Abscess, Nos

Peritoneum

Inflammation, Nos

Spleen

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Hyperplasia, Nos

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Pituitary gland

Adenoma, Nos

Hemorrhage

Stomach

Hyperkeratosis

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Liver  
Unspecified

Multiple Organs Nos

Adenoma, Nos  
Hepatocellular Carcinoma  
Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum

**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:12:58

**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**

Liver	Hepatocellular Adenoma
Stomach	Inflammation, Nos
Uterus	Endometrium
	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Lung

Stomach

Uterus

Bronchus

Endometrium

Hyperplasia, Nos

Inflammation, Nos

Inflammation, Nos

Hyperkeratosis

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Stomach

Diverticulum

Uterus

Endometrium

Inflammation, Nos

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Uterus

Endometrium

Hyperplasia, Cystic

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland  
Liver  
Spleen  
Unspecified  
Uterus

Adenoma, Nos  
Hematopoiesis  
Hematopoiesis  
Sarcoma, Nos  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Uterus

Endometrium

Hyperplasia, Cystic

---

PRIMARY CAUSE OF DEATH

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland

Stomach

Uterus

Endometrium

Hyperplasia, Nos

Hyperkeratosis

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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

Hyperplasia, Nos

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Liver		Hematopoiesis
Spleen		Hematopoiesis
Stomach		Hyperkeratosis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Unspecified  
Uterus

Multiple Organs Nos

Lymphoma, Nos-Malignant  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver	Clear-Cell Change
Lung	Alveolar/Bronchiolar Adenoma
Spleen	Lymphoma, Nos-Malignant
Stomach	Hyperkeratosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lung

Bronchus

Stomach  
Uterus

Adenoma, Nos  
Alveolar/Bronchiolar Adenoma  
Inflammation, Nos  
Inflammation, Nos  
Hyperkeratosis  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hematopoiesis
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus		Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Uterus

Endometrium

Hyperplasia, Cystic  
Inflammation, Nos

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchus	Inflammation, Nos Inflammation, Nos
Pituitary gland		Adenoma, Nos
Stomach	Mucosa	Hyperplasia, Focal Necrosis, Nos
Uterus	Endometrium	Squamous Cell Papilloma Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum

**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:12:58

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Angiosarcoma

Spleen

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Peritoneum

Abscess, Nos

Spleen

Inflammation, Nos

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_040

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Lung		Inflammation, Focal
Pancreas	Islets	Islet-Cell Adenoma
Stomach		Acanthosis
		Hyperkeratosis
		Hyperplasia, Basal Cell
Uterus	Endometrium	Inflammation, Nos
		Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Spleen  
Uterus

Endometrium

Hematopoiesis  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung  
Ovary  
Spleen

Hematopoiesis  
Inflammation, Nos  
Abscess, Nos  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Hematopoiesis

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver	Hematopoiesis
Lung	Inflammation, Nos
Lymph node	Hematopoiesis
Ovary	Abscess, Nos
Peritoneum	Inflammation, Nos
Spleen	Hematopoiesis

---

**PRIMARY CAUSE OF DEATH** -

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Pancreas	Acinus	Atrophy, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Brain  
Pancreas  
Pituitary gland  
Stomach

Choroid Plexus Nos  
Islets

Hyperplasia, Nos  
Mineralization  
Hyperplasia, Nos  
Adenoma, Nos  
Acanthosis  
Hyperkeratosis  
Hyperplasia, Basal Cell  
Necrosis, Nos  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland  
Pancreas

Mineralization  
Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified  
Uterus

Multiple Organs Nos

Lymphoma, Nos-Malignant  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Lymph node		Hematopoiesis
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_002

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Hyperplasia, Nos
Liver		Hematopoiesis
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Ovary		Abscess, Nos
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Stomach		Acanthosis
		Hyperkeratosis
		Hyperplasia, Basal Cell
		Necrosis, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Spleen  
Stomach

Hematopoiesis  
Acanthosis  
Hyperkeratosis  
Inflammation, Nos

---

PRIMARY CAUSE OF DEATH

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Uterus

Endometrium

Adenoma, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchus	Inflammation, Nos Inflammation, Nos
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Pituitary gland		Adenoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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:**

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**OBSERVATIONS**

Liver	Hematopoiesis
Lymph node	Hematopoiesis
Ovary	Abscess, Nos
Spleen	Hematopoiesis
Uterus	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchus	Inflammation, Nos Inflammation, Nos
Spleen		Hematopoiesis
Stomach		Acanthosis Hyperkeratosis Hyperplasia, Basal Cell
Uterus	Endometrium	Inflammation, Nos Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Liver  
Pituitary gland

Hepatocellular Adenoma  
Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland		Hyperplasia, Nos
Liver		Lymphoma, Histiocytic-Malignant Type
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Pancreas	Acinus	Hypertrophy, Focal
Spleen		Hematopoiesis
Stomach		Acanthosis
		Hyperkeratosis
		Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Nos
Liver	Necrosis, Coagulative
Ovary	Abscess, Nos
Spleen	Hyperplasia, Nos
Unspecified	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland

Hyperplasia, Nos

Brain

Choroid Plexus Nos

Inflammation, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Uterus

Endometrium

Hyperplasia, Cystic

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland  
Unspecified  
Uterus

Multiple Organs Nos

Hyperplasia, Nos  
Lymphoma, Nos-Malignant  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland		Hyperplasia, Nos
Lung	Bronchus	Inflammation, Nos Inflammation, Nos
Stomach		Hyperkeratosis
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma Necrosis, Focal
Stomach		Acanthosis Hyperkeratosis Necrosis, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Pituitary gland  
Spleen  
Uterus

Endometrium

Hyperplasia, Nos  
Adenoma, Nos  
Hematopoiesis  
Hyperplasia, Cystic  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Pituitary gland  
Spleen  
Stomach  
  
Uterus

Adenoma, Nos  
Hematopoiesis  
Hyperkeratosis  
Inflammation, Nos  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Spleen		Hematopoiesis
Stomach		Hyperkeratosis
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary

Abscess, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchus	Inflammation, Nos Inflammation, Nos
Spleen		Hematopoiesis
Stomach		Hyperkeratosis
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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  
Spleen  
Stomach

Hyperplasia, Nos  
Hematopoiesis  
Hyperkeratosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Lung	Bronchus	Inflammation, Nos Inflammation, Nos
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Pituitary gland  
Uterus

Endometrium

Adenoma, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Harderian gland  
Lung

Hardarian Gland  
  
Bronchus

Adenoma, Nos  
Alveolar/Bronchiolar Adenoma  
Inflammation, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Metamorphosis, Fatty
		Necrosis, Focal
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Inflammation, Focal
	Bronchus	Inflammation, Nos
Stomach		Hyperkeratosis
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Spleen		Angiosarcoma
Stomach		Hyperkeratosis
		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Kidney		Abscess, Nos
		Necrosis, Medullary
Liver		Hematopoiesis
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Peritoneum		Inflammation, Nos
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Spleen  
Uterus

Endometrium

Hematopoiesis  
Hyperplasia, Cystic  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Blood

Hematopoietic System

Neoplasm, Nos

---

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Uterus

Neoplasm, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Inflammation, Focal
	Bronchus	Inflammation, Nos
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic
		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Necrosis, Focal
Lung		Inflammation, Nos
Ovary		Cyst, Nos
Unspecified		Sarcoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchus	Inflammation, Nos Inflammation, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Metamorphosis, Fatty
Lung	Bronchus	Inflammation, Nos Inflammation, Nos
Pituitary gland		Adenoma, Nos
Stomach		Hyperkeratosis
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Inflammation, Nos Osteosarcoma, Metastatic
Spleen		Hematopoiesis
Unspecified	Shoulder	Osteosarcoma
	Abdomen	Sarcoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Liver		Hematopoiesis
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland		Dilatation, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Blood

Hematopoietic System

Neoplasm, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland

Hyperplasia, Nos

Liver

Hepatocellular Adenoma

Spleen

Hematopoiesis

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver

Metamorphosis, Fatty

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lymph node  
Stomach

Hyperplasia, Nos  
Mineralization  
Hematopoiesis  
Acanthosis  
Hyperkeratosis  
Hyperplasia, Basal Cell  
Inflammation, Nos  
Hydrometra

Uterus

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Lung  
Stomach  
Uterus

Endometrium

Fibrosis  
Inflammation, Nos  
Hyperkeratosis  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Mineralization
Liver		Clear-Cell Change
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hematopoiesis
Lung	Bronchus	Inflammation, Nos Inflammation, Nos
Lymph node		Lymphoma, Nos-Malignant
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_001

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Tubule

Hyperplasia, Nos  
Degeneration, Nos  
Inflammation, Nos

Spleen  
Uterus

Endometrium

Hematopoiesis  
Hyperplasia, Cystic  
Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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:**

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**OBSERVATIONS**

Adrenal gland  
Lung

Bronchus

Spleen  
Uterus

Endometrium

Hyperplasia, Nos  
Inflammation, Focal  
Inflammation, Nos  
Hematopoiesis  
Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_003

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hematopoiesis
		Necrosis, Focal
Lung	Pleura Nos	Inflammation, Fibrinous
Ovary		Abscess, Nos
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Stomach		Hyperkeratosis
Uterus		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland		Hyperplasia, Nos
Intestine Small	Peyers Patch	Lymphoma, Nos-Malignant
Liver		Hematopoiesis
Lung		Alveolar/Bronchiolar Adenoma
Lymph node		Hematopoiesis
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic
		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_005

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Liver		Hepatocellular Adenoma
Spleen		Fibrosis
		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_007

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Metamorphosis, Fatty
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_008

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland		Hyperplasia, Nos
Heart		Mineralization
Liver		Necrosis, Focal
Lymph node		Hemorrhage
Spleen		Necrosis, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_009

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Hyperplasia, Nos
Liver		Cytoplasmic Change, Eosinophilic
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Ovary		Mineralization
Spleen		Hematopoiesis
Stomach		Hyperkeratosis
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_010

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung		Inflammation, Focal
	Bronchus	Inflammation, Nos
Mammary gland		Adenocarcinoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland

Lung

Uterus

Bronchus

Endometrium

Hyperplasia, Nos

Inflammation, Nos

Inflammation, Nos

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Pituitary gland  
Unspecified

Multiple Organs Nos

Adenoma, Nos  
Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Ovary  
Spleen  
Stomach

Abscess, Nos  
Hematopoiesis  
Acanthosis  
Hyperkeratosis  
Hyperplasia, Basal Cell  
Necrosis, Nos  
Follicular-Cell Adenoma

Thyroid

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_014

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Ovary  
Spleen

Hematopoiesis  
Abscess, Nos  
Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_015

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Lung

Bronchus

Spleen  
Uterus

Endometrium

Hyperplasia, Nos  
Alveolar/Bronchiolar Adenoma  
Inflammation, Nos  
Inflammation, Nos  
Hematopoiesis  
Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_016

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Stomach  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Hyperkeratosis  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_017

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Metamorphosis, Fatty
Stomach		Hyperkeratosis
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_018

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Liver  
Lung

Bronchus

Pituitary gland  
Spleen  
Uterus

Endometrium

Hyperplasia, Nos  
Hepatocellular Adenoma  
Alveolar/Bronchiolar Adenoma  
Inflammation, Nos  
Inflammation, Nos  
Adenoma, Nos  
Hematopoiesis  
Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_019

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Hematopoiesis
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Stomach		Hyperkeratosis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Liver		Hepatocellular Adenoma
Stomach		Hyperkeratosis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic
		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_021

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Hematopoiesis
	Necrosis, Focal
Lymph node	Hematopoiesis
Ovary	Abscess, Nos
Spleen	Hematopoiesis
Stomach	Hyperkeratosis

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_022

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified

Lower Leg Nos  
Multiple Organs Nos

Osteosarcoma  
Osteosarcoma, Metastatic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Ovary		Abscess, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_024

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hematopoiesis
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Ovary		Abscess, Nos
Spleen		Hematopoiesis
Stomach		Acanthosis
		Hyperkeratosis
		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---



**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_025

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Pyelonephritis, Nos

Liver

Hematopoiesis

Lymph node

Hematopoiesis

Ovary

Abscess, Nos

Fibrosis

Necrosis, Nos

Spleen

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland		Hyperplasia, Nos
Liver		Hepatocellular Adenoma
Lung		Inflammation, Nos
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland

Hyperplasia, Nos

Liver

Pheochromocytoma

Lymph node

Hepatocellular Adenoma

Spleen

Hematopoiesis

Stomach

Hematopoiesis

Acanthosis

Hyperkeratosis

Uterus

Endometrium

Hyperplasia, Basal Cell

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_028

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Uterus

Angiosarcoma  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland  
Liver  
Lung

Bronchus

Pituitary gland  
Stomach

Hyperplasia, Nos  
Hepatocellular Adenoma  
Alveolar/Bronchiolar Adenoma  
Inflammation, Nos  
Inflammation, Nos  
Dilatation, Nos  
Acanthosis  
Hyperkeratosis  
Hyperplasia, Basal Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_031

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Spleen  
Uterus

Endometrium

Hematopoiesis  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_032

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Pituitary gland  
Spleen  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Adenoma, Nos  
Hematopoiesis  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lung

Bronchus

Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos  
Lymphoma, Nos-Malignant  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**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**

Adrenal gland  
Pituitary gland  
Stomach

Hyperplasia, Nos  
Adenoma, Nos  
Acanthosis  
Hyperkeratosis  
Hyperplasia, Basal Cell  
Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_035

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Hyperplasia, Nos  
Glomerulosclerosis, Nos  
Nephropathy  
Hepatocellular Carcinoma  
Hepatocellular Carcinoma, Metastatic

Liver  
Lung

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_036

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Necrosis, Focal
Lung	Alveolar/Bronchiolar Adenoma
	Inflammation, Nos
Spleen	Hematopoiesis
Unspecified	Squamous Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:58  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_037

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Liver

Lung

Uterus

Endometrium

Hyperplasia, Nos

Metamorphosis, Fatty

Inflammation, Nos

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:59  
**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**

Adrenal gland

Lung

Bronchus

Hyperplasia, Nos

Inflammation, Nos

Inflammation, Nos

Mineralization

Hematopoiesis

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_039

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Fibrosis  
Glomerulonephritis, Nos  
Necrosis, Nos

Liver

Metamorphosis, Fatty

Spleen

Hematopoiesis

Stomach

Hyperkeratosis

Uterus

Endometrium

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_040

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Hyperplasia, Nos
Lung	Bronchus	Inflammation, Nos
		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Stomach		Hyperkeratosis
Uterus		Inflammation, Nos

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_041

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lung

Bronchus

Spleen  
Unspecified

Multiple Organs Nos

Hyperplasia, Nos  
Inflammation, Nos  
Inflammation, Nos  
Hematopoiesis  
Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_042

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Lung		Inflammation, Nos
Ovary		Abscess, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus		Endometrial Stromal Sarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:59  
**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**

Lung	Alveolar/Bronchiolar Adenoma
Uterus	Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_044

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver Hepatocellular Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_045

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Liver  
Pituitary gland  
Uterus

Endometrium

Hyperplasia, Nos  
Hepatocellular Adenoma  
Adenoma, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_046

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Unspecified

Multiple Organs Nos

Adenoma, Nos  
Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_047

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Pituitary gland  
Uterus

Endometrium

Hyperplasia, Nos  
Adenoma, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_048

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Hyperplasia, Nos

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_049

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland		Hyperplasia, Nos
Liver		Hemangioma
Lung		Alveolar/Bronchiolar Carcinoma
Pituitary gland		Adenoma, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54364  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Tara gum  
**CAS Number:** 39300-88-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:12:59  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_050

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Harderian gland  
Lung  
Pituitary gland  
Unspecified  
Uterus

Hardarian Gland  
  
  
  
Endometrium

Adenoma, Nos  
Alveolar/Bronchiolar Adenoma  
Adenoma, Nos  
Inflammation, Nos  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**\*\* END OF REPORT \*\***