

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                             |        |
|-----------------------------|--------|
| <b>C Number:</b>            | C50748 |
| <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>        | Male   |

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
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CAS Number: 9000-01-5

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

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_001       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Liver                  |                            | Hemangioma                             |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

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

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_002       | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Lung                          |                                          | Alveolar/Bronchiolar Carcinoma                       |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| Stomach                       |                                          | Acanthosis                                           |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_003       | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Liver                         |                                          | Hepatocellular Adenoma                               |                                      |
|                               |                                          | Lipoma                                               |                                      |
| Lung                          |                                          | Alveolar/Bronchiolar Carcinoma                       |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          |                                                      |                                      |
| -                             |                                          |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                  |                        |
|------------------------|----------------------------|----------------------------------|------------------------|
| ANIMAL ID: 1_004       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Natural Death | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                  |                        |
| Bone                   | Vertebral Column           | Osteosarcoma                     |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                  |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                         |                                          |                                                |                                      |
|-------------------------|------------------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_005 | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>     |                                          |                                                |                                      |
| Liver                   |                                          | Hepatocellular Carcinoma                       |                                      |
| PRIMARY CAUSE OF DEATH  |                                          |                                                |                                      |
| -                       |                                          |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_006       | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Liver                         |                                          | Hemangioma                                           |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          |                                                      |                                      |
| -                             |                                          |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_007       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Kidney                 |                            | Amyloid, Nos                           |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_008       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Liver                  |                            | Hepatocellular Carcinoma               |                        |
| Lung                   |                            | Hepatocellular Carcinoma, Metastatic   |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| Preputial gland        |                            | Abscess, Nos                           |                        |
| Unspecified            |                            | Fibrous Histiocytoma                   |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                   |                                          |                                                      |                                      |
|-----------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_009           | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Lymph node | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| PRIMARY CAUSE OF DEATH            | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Gum Arabic

**CAS Number:** 9000-01-5

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

**Time Report Requested:** 09:54:24

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

**Lab:** NA

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

|             |       |                        |
|-------------|-------|------------------------|
| Liver       |       | Hepatocellular Adenoma |
| Unspecified | Chest | Granuloma, Nos         |
|             | Chest | Infection, Fungal      |

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_011       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Liver                  |                            | Hepatocellular Carcinoma               |                        |
| Lung                   |                            | Alveolar/Bronchiolar Adenoma           |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| Stomach                | Mucosa                     | Atypia, Nos                            |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_012       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Lung                   |                            | Alveolar/Bronchiolar Carcinoma         |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                         |                                          |                                                |                                      |
|-------------------------|------------------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_013 | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>     |                                          |                                                |                                      |
| Heart                   | Auricular Appendage Nos                  | Thrombosis, Nos                                |                                      |
| Unspecified             | Multiple Organs Nos                      | Lymphoma, Nos-Malignant                        |                                      |
| PRIMARY CAUSE OF DEATH  | -                                        |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_015       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Brain                  |                            | Calcification, Focal                   |                        |
| Lung                   |                            | Alveolar/Bronchiolar Adenoma           |                        |
| PRIMARY CAUSE OF DEATH |                            | -                                      |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_016       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Pituitary gland        |                            | Adenoma, Nos                           |                        |
| Thyroid                |                            | C-Cell Carcinoma                       |                        |
| PRIMARY CAUSE OF DEATH |                            | -                                      |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_017       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Liver                  |                            | Hepatocellular Adenoma                 |                        |
| Lung                   |                            | Alveolar/Bronchiolar Carcinoma         |                        |
| Stomach                | Mucosa                     | Metaplasia, Squamous                   |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_018       | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Liver                         |                                          | Hepatocellular Adenoma                               |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| Testis                        |                                          | Interstitial-Cell Tumor                              |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_019       | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Kidney                        |                                          | Lymphoma, Lymphocytic-Malignant Type                 |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          | -                                                    |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                         |                                          |                                                     |                                      |
|-------------------------|------------------------------------------|-----------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_020 | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Moribund Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>     |                                          |                                                     |                                      |
| Liver                   |                                          | Hepatocellular Adenoma                              |                                      |
| Unspecified             | Face                                     | Sarcoma, Nos                                        |                                      |
| PRIMARY CAUSE OF DEATH  | -                                        |                                                     |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                            |                                  |                        |
|------------------------|----------------------------|----------------------------------|------------------------|
| ANIMAL ID: 1_021       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Natural Death | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                  |                        |
| Lung                   |                            | Sarcoma, Nos, Metastatic         |                        |
| Unspecified            |                            | Sarcoma, Nos                     |                        |
| PRIMARY CAUSE OF DEATH |                            | -                                |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_022       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Brain                  |                            | Calcification, Focal                   |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| Stomach                |                            | Adenocarcinoma, Nos                    |                        |
| Unspecified            |                            | Abscess, Nos                           |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                    |                                          |                                                      |                                      |
|------------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_023            | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Unspecified | Multiple Organs Nos                      | Lymphoma, Lymphocytic-Malignant Type                 |                                      |
| PRIMARY CAUSE OF DEATH             | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                             |                                          |                                                      |                                      |
|---------------------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_024                     | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Lymph node<br>Spleen | Mesenteric Lymph Node                    | Hyperplasia, Lymphoid<br>Congestion, Nos             |                                      |
| PRIMARY CAUSE OF DEATH                      | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_025       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Heart                  | Myocardium Nos             | Degeneration, Nos                      |                        |
| Intestine Large        | Rectum                     | Adenocarcinoma, Nos                    |                        |
| Kidney                 |                            | Abscess, Nos                           |                        |
| Spleen                 |                            | Hematopoiesis                          |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                                      |                                          |                                                            |                                      |
|------------------------------------------------------|------------------------------------------|------------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_026                              | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice       | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Kidney<br>Liver<br>Lymph node | Mesenteric Lymph Node                    | Nephropathy<br>Hepatocellular Carcinoma<br>Congestion, Nos |                                      |
| PRIMARY CAUSE OF DEATH                               | -                                        |                                                            |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                                    |                            |                                                     |                        |
|------------------------------------|----------------------------|-----------------------------------------------------|------------------------|
| ANIMAL ID: 1_027                   | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice              | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS<br>Prostate<br>Spleen | Prostatic Urethra          | Calculus, Unknown Gross Or Micro<br>Congestion, Nos |                        |
| PRIMARY CAUSE OF DEATH             | -                          |                                                     |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_028       | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Kidney                        |                                          | Amyloid, Nos                                         |                                      |
| Liver                         |                                          | Hepatocellular Carcinoma                             |                                      |
| Lung                          |                                          | Hepatocellular Carcinoma, Metastatic                 |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          | -                                                    |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                    |                                          |                                                |                                      |
|------------------------------------|------------------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_029            | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Unspecified | Multiple Organs Nos                      | Lymphoma, Nos-Malignant                        |                                      |
| PRIMARY CAUSE OF DEATH             | -                                        |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                   |                                          |                                                      |                                      |
|-----------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_030           | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Lymph node | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| PRIMARY CAUSE OF DEATH            | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_031       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Adrenal gland          |                            | Cortical Adenoma                       |                        |
| Harderian gland        | Hardarian Gland            | Adenoma, Nos                           |                        |
| Liver                  |                            | Hemangiosarcoma                        |                        |
| Lung                   |                            | Alveolar/Bronchiolar Carcinoma         |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| Spleen                 |                            | Hemangiosarcoma                        |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                                                   |                        |
|------------------------|----------------------------|-------------------------------------------------------------------|------------------------|
| ANIMAL ID: 1_032       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice                            | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                                                   |                        |
| Liver                  |                            | Angiectasis<br>Hepatocellular Adenoma<br>Hepatocellular Carcinoma |                        |
| Lung                   |                            | Alveolar/Bronchiolar Adenoma                                      |                        |
| Pancreas               | Islets                     | Islet-Cell Adenoma                                                |                        |
| Unspecified            | Multiple Organs Nos        | Lymphoma, Lymphocytic-Malignant Type                              |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                                                   |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_033       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Kidney                 |                            | Nephropathy                            |                        |
| PRIMARY CAUSE OF DEATH |                            | -                                      |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_034       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Pituitary gland        |                            | Adenoma, Nos                           |                        |
| PRIMARY CAUSE OF DEATH |                            | -                                      |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_035       | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Liver                         |                                          | Hepatocellular Carcinoma                             |                                      |
|                               |                                          | Metamorphosis, Fatty                                 |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| Spleen                        |                                          | Hemangioma                                           |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          |                                                      |                                      |
| -                             |                                          |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                  |                        |
|------------------------|----------------------------|----------------------------------|------------------------|
| ANIMAL ID: 1_036       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Natural Death | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                  |                        |
| Liver                  |                            | Necrosis, Focal                  |                        |
| Spleen                 |                            | Hematopoiesis                    |                        |
| Unspecified            | Tail                       | Necrosis, Hemorrhagic            |                        |
|                        | Tail                       | Sarcoma, Nos                     |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                  |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                         |                                          |                                                |                                      |
|-------------------------|------------------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_037 | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>     |                                          |                                                |                                      |
| Liver                   |                                          | Hemangiosarcoma                                |                                      |
|                         |                                          | Necrosis, Focal                                |                                      |
| Spleen                  |                                          | Hemangiosarcoma                                |                                      |
| PRIMARY CAUSE OF DEATH  | -                                        |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_038       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Brain                  |                            | Calcification, Focal                   |                        |
| Lung                   |                            | Alveolar/Bronchiolar Carcinoma         |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_039       | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Unspecified                   | Multiple Organs Nos                      | Lymphoma, Histiocytic-Malignant Type                 |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_040       | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Liver                         |                                          | Hepatocellular Carcinoma                             |                                      |
| Lung                          |                                          | Alveolar/Bronchiolar Carcinoma                       |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          | -                                                    |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_041       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Kidney                 |                            | Pyelonephritis, Focal                  |                        |
| Lung                   |                            | Alveolar/Bronchiolar Carcinoma         |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| Testis                 |                            | Atrophy, Focal                         |                        |
| Thymus                 |                            | Cyst, Nos                              |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                                |                                      |
|-------------------------------|------------------------------------------|----------------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_042       | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice           | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                                |                                      |
| Lung                          |                                          | Alveolar/Bronchiolar Adenoma<br>Alveolar/Bronchiolar Carcinoma |                                      |
| Spleen                        |                                          | Lymphoma, Mixed-Malignant Type                                 |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> | -                                        |                                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_043       | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Lung                          |                                          | Perivascularitis                                     |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          |                                                      |                                      |
| -                             |                                          |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_044       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Brain                  |                            | Calcification, Focal                   |                        |
| Liver                  |                            | Hepatocellular Carcinoma               |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                              |                                          |                                                      |                                      |
|----------------------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_045                      | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Lymph node<br>Stomach | Mesenteric Lymph Node                    | Congestion, Nos<br>Atypia, Nos                       |                                      |
| PRIMARY CAUSE OF DEATH                       | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_046       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Heart                  | Myocardium Nos             | Degeneration, Nos                      |                        |
| Liver                  |                            | Hepatocellular Carcinoma               |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 1_047       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Brain                  |                            | Calcification, Focal                   |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
|                        | Mediastinal Lymph Node     | Hyperplasia, Nos                       |                        |
| Stomach                | Mucosa                     | Metaplasia, Squamous                   |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

|                        |                       |                          |              |
|------------------------|-----------------------|--------------------------|--------------|
| ANIMAL ID: 1_048       | TRT#: 1               | SEX: Male                | DAY ON TEST: |
|                        | DOSE: 50000 PPM       | DISP: Natural Death      | HISTO:       |
| OBSERVATIONS           |                       |                          |              |
| Brain                  |                       | Calcification, Focal     |              |
| Heart                  | Myocardium Nos        | Sarcoma, Nos             |              |
| Lung                   |                       | Sarcoma, Nos, Metastatic |              |
| Lymph node             | Mesenteric Lymph Node | Congestion, Nos          |              |
| Spleen                 |                       | Neoplasm, Nos            |              |
| PRIMARY CAUSE OF DEATH | -                     |                          |              |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 1_049       | <b>TRT#:</b> 1<br><b>DOSE:</b> 50000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Intestine Small               | Jejunum                                  | Lymphoma, Lymphocytic-Malignant Type                 |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                      |                        |
|------------------------|----------------------------|--------------------------------------|------------------------|
| ANIMAL ID: 1_050       | TRT#: 1<br>DOSE: 50000 PPM | SEX: Male<br>DISP: Natural Death     | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                      |                        |
| Brain                  |                            | Calcification, Focal                 |                        |
| Lymph node             | Mesenteric Lymph Node      | Lymphoma, Histiocytic-Malignant Type |                        |
| Spleen                 |                            | Hemorrhage                           |                        |
|                        |                            | Necrosis, Nos                        |                        |
| Unspecified            | Multiple Organs Nos        | Hematopoiesis                        |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                      |                        |

\* PROTOCOL REQUIRED TISSUE

|                        |                       |                           |              |
|------------------------|-----------------------|---------------------------|--------------|
| ANIMAL ID: 2_001       | TRT#: 2               | SEX: Male                 | DAY ON TEST: |
|                        | DOSE: 25000 PPM       | DISP: Scheduled Sacrifice | HISTO:       |
| OBSERVATIONS           |                       |                           |              |
| Kidney                 |                       | Nephropathy               |              |
| Liver                  |                       | Hepatocellular Carcinoma  |              |
| Lymph node             | Mesenteric Lymph Node | Hemorrhage                |              |
| Preputial gland        |                       | Abscess, Nos              |              |
| Thyroid                |                       | Follicular-Cell Adenoma   |              |
| PRIMARY CAUSE OF DEATH | -                     |                           |              |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 2_002       | TRT#: 2<br>DOSE: 25000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 2_003       | TRT#: 2<br>DOSE: 25000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Lung                   |                            | Alveolar/Bronchiolar Adenoma           |                        |
| Stomach                |                            | Inflammation, Acute/Chronic            |                        |
| PRIMARY CAUSE OF DEATH |                            | -                                      |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                         |                                          |                                                      |                                      |
|-------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_005 | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>     |                                          |                                                      |                                      |
| Lung                    |                                          | Alveolar/Bronchiolar Adenoma                         |                                      |
| Stomach                 |                                          | Acanthosis                                           |                                      |
| PRIMARY CAUSE OF DEATH  |                                          | -                                                    |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                   |                                          |                                                      |                                      |
|-----------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_006           | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Lymph node | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| PRIMARY CAUSE OF DEATH            | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_007       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| Spleen                        |                                          | Hemangiosarcoma                                      |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                                  |                                              |                                                      |                                      |
|--------------------------------------------------|----------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_008                          | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM     | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Lymph node<br>Unspecified | Mesenteric Lymph Node<br>Multiple Organs Nos | Congestion, Nos<br>Hyperplasia, Lymphoid             |                                      |
| PRIMARY CAUSE OF DEATH                           | -                                            |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_009       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| Pancreas                      |                                          | Dilatation, Ducts                                    |                                      |
| Unspecified                   | Multiple Organs Nos                      | Lymphoma, Mixed-Malignant Type                       |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 2_010       | TRT#: 2<br>DOSE: 25000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Liver                  |                            | Hepatocellular Carcinoma               |                        |
| Unspecified            |                            | Fibrosarcoma                           |                        |
| PRIMARY CAUSE OF DEATH |                            |                                        |                        |
| -                      |                            |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                              |                                          |                                                      |                                      |
|------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_011      | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Brain |                                          | Calcification, Focal                                 |                                      |
| PRIMARY CAUSE OF DEATH       | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                              |                                          |                                                      |                                      |
|----------------------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_012                      | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Spleen<br>Unspecified | Multiple Organs Nos                      | Infarct, Nos<br>Lymphoma, Lymphocytic-Malignant Type |                                      |
| PRIMARY CAUSE OF DEATH                       | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_013       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Adrenal gland                 |                                          | Cortical Adenoma                                     |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Heart                         | Myocardium Nos                           | Degeneration, Nos                                    |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          |                                                      |                                      |
| -                             |                                          |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_014       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Liver                         |                                          | Hemangiosarcoma                                      |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          |                                                      |                                      |
| -                             |                                          |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_017       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                |                                      |
| Brain                         |                                          | Calcification, Focal                           |                                      |
| Kidney                        |                                          | Nephrosis, Hydro                               |                                      |
| Liver                         |                                          | Hepatocellular Carcinoma                       |                                      |
| Lung                          |                                          | Hepatocellular Carcinoma, Metastatic           |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          |                                                |                                      |
| -                             |                                          |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 2_018       | TRT#: 2<br>DOSE: 25000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Adrenal gland          | Cortex Nos                 | Hyperplasia, Focal                     |                        |
| Brain                  |                            | Calcification, Focal                   |                        |
| Liver                  |                            | Hepatocellular Carcinoma               |                        |
| Urinary bladder        |                            | Calculus, Unknown Gross Or Micro       |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_019       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Liver                         |                                          | Hepatocellular Carcinoma                             |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                                |                                      |
|-------------------------------|------------------------------------------|----------------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_020       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice           | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                                |                                      |
| Lung                          |                                          | Alveolar/Bronchiolar Adenoma<br>Alveolar/Bronchiolar Carcinoma |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                                |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          |                                                                |                                      |
| -                             |                                          |                                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                    |                                          |                                                |                                      |
|------------------------------------|------------------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_021            | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Unspecified | Lower Leg Nos                            | Inflammation, Nos<br>Ulcer, Nos                |                                      |
| PRIMARY CAUSE OF DEATH             | -                                        |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_022       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Lung                          |                                          | Alveolar/Bronchiolar Carcinoma                       |                                      |
| Unspecified                   | Multiple Organs Nos                      | Leukemia, Nos                                        |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          |                                                      |                                      |
| -                             |                                          |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_023       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                |                                      |
| Prostate                      |                                          | Inflammation, Acute/Chronic                    |                                      |
| Skin                          |                                          | Inflammation, Focal                            |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          | -                                              |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                 |                                          |                                                |                                      |
|---------------------------------|------------------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_024         | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>             |                                          |                                                |                                      |
| Spleen                          |                                          | Hematopoiesis                                  |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> - |                                          |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                                  |                                          |                                                      |                                      |
|--------------------------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_025                          | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Intestine Small<br>Spleen | Jejunum                                  | Adenocarcinoma, Nos<br>Congestion, Nos               |                                      |
| PRIMARY CAUSE OF DEATH                           | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_026       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          |                                                      |                                      |
| -                             |                                          |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                            |                                       |                        |
|------------------------|----------------------------|---------------------------------------|------------------------|
| ANIMAL ID: 2_027       | TRT#: 2<br>DOSE: 25000 PPM | SEX: Male<br>DISP: Moribund Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                       |                        |
| Liver                  |                            | Hepatocellular Carcinoma              |                        |
| PRIMARY CAUSE OF DEATH |                            | -                                     |                        |

\* PROTOCOL REQUIRED TISSUE

|                        |                        |                                      |              |
|------------------------|------------------------|--------------------------------------|--------------|
| ANIMAL ID: 2_028       | TRT#: 2                | SEX: Male                            | DAY ON TEST: |
|                        | DOSE: 25000 PPM        | DISP: Scheduled Sacrifice            | HISTO:       |
| OBSERVATIONS           |                        |                                      |              |
| Brain                  |                        | Calcification, Focal                 |              |
| Lung                   |                        | Alveolar/Bronchiolar Carcinoma       |              |
| Lymph node             | Mesenteric Lymph Node  | Congestion, Nos                      |              |
|                        | Mediastinal Lymph Node | Lymphoma, Lymphocytic-Malignant Type |              |
| Spleen                 |                        | Hemangiosarcoma                      |              |
| PRIMARY CAUSE OF DEATH | -                      |                                      |              |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_029       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Lung                          |                                          | Alveolar/Bronchiolar Adenoma                         |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| Stomach                       |                                          | Atypia, Nos                                          |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                                  |                                          |                                                      |                                      |
|--------------------------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_030                          | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Lymph node<br>Unspecified | Mesenteric Lymph Node                    | Lymphoma, Mixed-Malignant Type<br>Fibroma            |                                      |
| PRIMARY CAUSE OF DEATH                           | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 2_031       | TRT#: 2<br>DOSE: 25000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Liver                  |                            | Hepatocellular Carcinoma               |                        |
| PRIMARY CAUSE OF DEATH |                            | -                                      |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                         |                                          |                                                      |                                      |
|-------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_032 | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>     |                                          |                                                      |                                      |
| Thyroid                 |                                          | Hyperplasia, Follicular Cell                         |                                      |
| PRIMARY CAUSE OF DEATH  |                                          |                                                      |                                      |
| -                       |                                          |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                        |                                          |                                                |                                      |
|----------------------------------------|------------------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_033                | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Kidney<br>Liver |                                          | Nephropathy<br>Hepatocellular Carcinoma        |                                      |
| PRIMARY CAUSE OF DEATH                 | -                                        |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_034       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Brain                         |                                          | Calcification, Focal                                 |                                      |
| Intestine Small               | Jejunum                                  | Lymphoma, Lymphocytic-Malignant Type                 |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| Unspecified                   | Tail                                     | Fibrosarcoma                                         |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          |                                                      |                                      |
| -                             |                                          |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                                       |                                          |                                                |                                      |
|-------------------------------------------------------|------------------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_035                               | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Blood<br>Spleen<br>Unspecified | Hematopoietic System                     | Neoplasm, Nos<br>Hematopoiesis<br>Hemorrhage   |                                      |
| PRIMARY CAUSE OF DEATH                                | -                                        |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 2_037       | TRT#: 2<br>DOSE: 25000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Brain                  |                            | Calcification, Focal                   |                        |
| Lung                   |                            | Alveolar/Bronchiolar Carcinoma         |                        |
| PRIMARY CAUSE OF DEATH |                            | -                                      |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_038       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                |                                      |
| Liver                         |                                          | Hepatocellular Carcinoma                       |                                      |
| Preputial gland               |                                          | Abscess, Nos                                   |                                      |
|                               |                                          | Inflammation, Nos                              |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          |                                                |                                      |
| -                             |                                          |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_039       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Pituitary gland               |                                          | Hyperplasia, Focal                                   |                                      |
| Spleen                        |                                          | Hyperplasia, Lymphoid                                |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                          | -                                                    |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 2_040       | TRT#: 2<br>DOSE: 25000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Brain                  |                            | Calcification, Focal                   |                        |
| Kidney                 |                            | Nephrosis, Hydro                       |                        |
|                        |                            | Pyelonephritis, Nos                    |                        |
| Liver                  |                            | Hepatocellular Carcinoma               |                        |
| Lung                   |                            | Alveolar/Bronchiolar Carcinoma         |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| Seminal vesicle        |                            | Inflammation, Acute/Chronic            |                        |
| Urinary bladder        |                            | Calculus, Unknown Gross Or Micro       |                        |
|                        |                            | Hyperplasia, Epithelial                |                        |
|                        |                            | Inflammation, Acute/Chronic            |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                         |                                          |                                                      |                                      |
|-------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_042 | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>     |                                          |                                                      |                                      |
| Brain                   |                                          | Calcification, Focal                                 |                                      |
| PRIMARY CAUSE OF DEATH  | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                         |                                          |                                                      |                                      |
|-------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_043 | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>     |                                          |                                                      |                                      |
| Lymph node              | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| PRIMARY CAUSE OF DEATH  | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 2_044       | TRT#: 2<br>DOSE: 25000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Brain                  |                            | Calcification, Focal                   |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| Stomach                |                            | Hyperkeratosis                         |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                              |                                          |                                                      |                                      |
|------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_045      | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Brain |                                          | Calcification, Focal                                 |                                      |
| PRIMARY CAUSE OF DEATH       | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                          |                                                      |                                      |
|-------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 2_046       | <b>TRT#:</b> 2<br><b>DOSE:</b> 25000 PPM | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                          |                                                      |                                      |
| Intestine Small               | Duodenum                                 | Lymphoma, Lymphocytic-Malignant Type                 |                                      |
| Lung                          |                                          | Alveolar/Bronchiolar Carcinoma                       |                                      |
| Lymph node                    | Mesenteric Lymph Node                    | Congestion, Nos                                      |                                      |
| Unspecified                   |                                          | Fibrosarcoma                                         |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> | -                                        |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                                               |                            |                                        |                        |
|-----------------------------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 2_047                              | TRT#: 2<br>DOSE: 25000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS<br>Lymph node<br>Pituitary gland | Mesenteric Lymph Node      | Congestion, Nos<br>Hyperplasia, Focal  |                        |
| PRIMARY CAUSE OF DEATH                        | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 2_048       | TRT#: 2<br>DOSE: 25000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| Stomach                | Mucosa                     | Metaplasia, Squamous                   |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                            |                                        |                        |
|------------------------|----------------------------|----------------------------------------|------------------------|
| ANIMAL ID: 2_050       | TRT#: 2<br>DOSE: 25000 PPM | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                            |                                        |                        |
| Liver                  |                            | Hepatocellular Carcinoma               |                        |
| Lung                   |                            | Alveolar/Bronchiolar Adenoma           |                        |
| Lymph node             | Mesenteric Lymph Node      | Congestion, Nos                        |                        |
| Testis                 |                            | Interstitial-Cell Tumor                |                        |
| Urinary bladder        |                            | Calculus, Unknown Gross Or Micro       |                        |
| PRIMARY CAUSE OF DEATH | -                          |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                      |                                      |
|-------------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_001       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                      |                                      |
| Kidney                        |                                  | Atrophy, Focal                                       |                                      |
| Stomach                       | Submucosa                        | Inflammation, Acute                                  |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                  |                                                      |                                      |
| -                             |                                  |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                     |                                        |                        |
|------------------------|---------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_002       | TRT#: 3<br>DOSE: 0  | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                     |                                        |                        |
| Spleen                 |                     | Hematopoiesis                          |                        |
| Unspecified            | Multiple Organs Nos | Lymphoma, Histiocytic-Malignant Type   |                        |
| PRIMARY CAUSE OF DEATH | -                   |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                      |                                      |
|-------------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_003       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                      |                                      |
| Adrenal gland                 |                                  | Cortical Adenoma                                     |                                      |
| Brain                         |                                  | Calcification, Focal                                 |                                      |
| Lymph node                    | Mesenteric Lymph Node            | Congestion, Nos                                      |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                  |                                                      |                                      |
| -                             |                                  |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                |                                      |
|-------------------------------|----------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_005       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                |                                      |
| Brain                         |                                  | Calcification, Focal                           |                                      |
| Lung                          |                                  | Alveolar/Bronchiolar Adenoma                   |                                      |
| Preputial gland               |                                  | Adenoma, Nos                                   |                                      |
| Unspecified                   | Multiple Organs Nos              | Lymphoma, Lymphocytic-Malignant Type           |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                  |                                                |                                      |
| -                             |                                  |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                                  |                                  |                                                      |                                      |
|--------------------------------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_006                          | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Lymph node<br>Unspecified | Mesenteric Lymph Node            | Congestion, Nos<br>Fibrosarcoma                      |                                      |
| PRIMARY CAUSE OF DEATH                           | -                                |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                         |                                  |                                                      |                                      |
|-------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_007 | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>     |                                  |                                                      |                                      |
| Spleen                  |                                  | Hematopoiesis                                        |                                      |
| PRIMARY CAUSE OF DEATH  |                                  | -                                                    |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                      |                                      |
|-------------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_008       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                      |                                      |
| Brain                         |                                  | Calcification, Focal                                 |                                      |
| Lung                          |                                  | Alveolar/Bronchiolar Adenoma                         |                                      |
| Pituitary gland               |                                  | Adenoma, Nos                                         |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                  |                                                      |                                      |
| -                             |                                  |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                    |                                  |                        |
|------------------------|--------------------|----------------------------------|------------------------|
| ANIMAL ID: 3_009       | TRT#: 3<br>DOSE: 0 | SEX: Male<br>DISP: Natural Death | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                    |                                  |                        |
| Liver                  |                    | Hepatocellular Carcinoma         |                        |
| Stomach                |                    | Hyperkeratosis                   |                        |
| PRIMARY CAUSE OF DEATH |                    | -                                |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                         |                                  |                                                |                                      |
|-------------------------|----------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_010 | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>     |                                  |                                                |                                      |
| Lung                    |                                  | Alveolar/Bronchiolar Carcinoma                 |                                      |
| Lymph node              | Mesenteric Lymph Node            | Congestion, Nos                                |                                      |
| Urethra                 |                                  | Calculus, Unknown Gross Or Micro               |                                      |
| PRIMARY CAUSE OF DEATH  | -                                |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                    |                                        |                        |
|------------------------|--------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_011       | TRT#: 3<br>DOSE: 0 | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                    |                                        |                        |
| Lung                   |                    | Alveolar/Bronchiolar Adenoma           |                        |
| Skin                   | Dermis             | Abscess, Nos                           |                        |
| PRIMARY CAUSE OF DEATH | -                  |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                    |                                  |                        |
|------------------------|--------------------|----------------------------------|------------------------|
| ANIMAL ID: 3_012       | TRT#: 3<br>DOSE: 0 | SEX: Male<br>DISP: Natural Death | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                    |                                  |                        |
| Liver                  |                    | Hepatocellular Adenoma           |                        |
| Thyroid                |                    | C-Cell Tumor, Nos                |                        |
| PRIMARY CAUSE OF DEATH |                    | -                                |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                                                 |                                   |                                                                                    |                                      |
|-----------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_013                                         | <b>TRT#:</b> 3<br><b>DOSE:</b> 0  | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice                               | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Intestine Small<br>Lymph node<br>Thyroid | Duodenum<br>Mesenteric Lymph Node | Lymphoma, Lymphocytic-Malignant Type<br>Congestion, Nos<br>Follicular-Cell Adenoma |                                      |
| PRIMARY CAUSE OF DEATH                                          | -                                 |                                                                                    |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                      |                                      |
|-------------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_014       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                      |                                      |
| Liver                         |                                  | Hepatocellular Carcinoma                             |                                      |
| Unspecified                   | Multiple Organs Nos              | Lymphoma, Mixed-Malignant Type                       |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                  |                                                      |                                      |
| -                             |                                  |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                                    |                                  |                                                      |                                      |
|------------------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_015            | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b><br>Unspecified | Multiple Organs Nos              | Lymphoma, Lymphocytic-Malignant Type                 |                                      |
| PRIMARY CAUSE OF DEATH             | -                                |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                     |                                        |                        |
|------------------------|---------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_016       | TRT#: 3<br>DOSE: 0  | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                     |                                        |                        |
| Lung                   |                     | Alveolar/Bronchiolar Adenoma           |                        |
| Unspecified            | Multiple Organs Nos | Perivascularitis                       |                        |
| PRIMARY CAUSE OF DEATH | -                   |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                      |                                      |
|-------------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_017       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                      |                                      |
| Brain                         |                                  | Calcification, Focal                                 |                                      |
| Lung                          |                                  | Alveolar/Bronchiolar Adenoma                         |                                      |
| Stomach                       |                                  | Hyperkeratosis                                       |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                  | -                                                    |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                       |                                        |                        |
|------------------------|-----------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_018       | TRT#: 3<br>DOSE: 0    | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                       |                                        |                        |
| Brain                  |                       | Calcification, Focal                   |                        |
| Lymph node             | Mesenteric Lymph Node | Cyst, Hemorrhagic                      |                        |
| PRIMARY CAUSE OF DEATH | -                     |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Gum Arabic

**CAS Number:** 9000-01-5

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

**Time Report Requested:** 09:54:24

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

**Lab:** NA

**ANIMAL ID:** 3\_019

**TRT#:** 3

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

**OBSERVATIONS**

|             |                  |                                |
|-------------|------------------|--------------------------------|
| Brain       |                  | Calcification, Focal           |
| Lung        |                  | Alveolar/Bronchiolar Carcinoma |
| Stomach     | Mucosa           | Metaplasia, Squamous           |
| Unspecified | Abdominal Cavity | Necrosis, Fat                  |

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                         |                                  |                                                      |                                      |
|-------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_020 | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>     |                                  |                                                      |                                      |
| Brain                   |                                  | Calcification, Focal                                 |                                      |
| Lymph node              | Mesenteric Lymph Node            | Congestion, Nos                                      |                                      |
| Preputial gland         |                                  | Cystic Ducts                                         |                                      |
| PRIMARY CAUSE OF DEATH  | -                                |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                    |                                        |                        |
|------------------------|--------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_021       | TRT#: 3<br>DOSE: 0 | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                    |                                        |                        |
| Brain                  |                    | Calcification, Focal                   |                        |
| Liver                  |                    | Hepatocellular Carcinoma               |                        |
| PRIMARY CAUSE OF DEATH |                    | -                                      |                        |

\* PROTOCOL REQUIRED TISSUE

|                        |                       |                                        |                        |
|------------------------|-----------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_023       | TRT#: 3<br>DOSE: 0    | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                       |                                        |                        |
| Brain                  |                       | Calcification, Focal                   |                        |
| Lymph node             | Mesenteric Lymph Node | Congestion, Nos                        |                        |
| Testis                 |                       | Atrophy, Focal                         |                        |
| PRIMARY CAUSE OF DEATH | -                     |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                      |                                      |
|-------------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_024       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                      |                                      |
| Liver                         |                                  | Cytoplasmic Change, Basophilic                       |                                      |
| Lymph node                    | Mesenteric Lymph Node            | Congestion, Nos                                      |                                      |
| Stomach                       |                                  | Acanthosis                                           |                                      |
| Thyroid                       | Follicle                         | Cystadenoma, Nos                                     |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                  |                                                      |                                      |
| -                             |                                  |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                      |                                      |
|-------------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_025       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                      |                                      |
| Liver                         |                                  | Hepatocellular Carcinoma                             |                                      |
| Lymph node                    | Mesenteric Lymph Node            | Congestion, Nos                                      |                                      |
| Skin                          |                                  | Ulcer, Nos                                           |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                  | -                                                    |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                      |                                      |
|-------------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_026       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                      |                                      |
| Brain                         |                                  | Calcification, Focal                                 |                                      |
| Heart                         | Myocardium Nos                   | Degeneration, Nos                                    |                                      |
| Lymph node                    | Mesenteric Lymph Node            | Cyst, Hemorrhagic                                    |                                      |
| Stomach                       |                                  | Hyperkeratosis                                       |                                      |
| Unspecified                   | Multiple Organs Nos              | Hemangiosarcoma                                      |                                      |
|                               | Abdominal Cavity                 | Necrosis, Fat                                        |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                  |                                                      |                                      |
| -                             |                                  |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

|                        |                       |                                        |                        |
|------------------------|-----------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_027       | TRT#: 3<br>DOSE: 0    | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                       |                                        |                        |
| Intestine Large        | Colon                 | Parasitism                             |                        |
| Lymph node             | Mesenteric Lymph Node | Congestion, Nos                        |                        |
| Spleen                 |                       | Congestion, Nos                        |                        |
| Stomach                |                       | Hyperkeratosis                         |                        |
| PRIMARY CAUSE OF DEATH | -                     |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

|                        |                       |                                        |                        |
|------------------------|-----------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_028       | TRT#: 3<br>DOSE: 0    | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                       |                                        |                        |
| Heart                  | Myocardium Nos        | Degeneration, Nos                      |                        |
| Kidney                 |                       | Atrophy, Focal                         |                        |
| Lymph node             | Mesenteric Lymph Node | Congestion, Nos                        |                        |
| Stomach                |                       | Inflammation, Chronic Focal            |                        |
| PRIMARY CAUSE OF DEATH | -                     |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                        |                                  |                        |
|------------------------|------------------------|----------------------------------|------------------------|
| ANIMAL ID: 3_030       | TRT#: 3<br>DOSE: 0     | SEX: Male<br>DISP: Natural Death | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                        |                                  |                        |
| Brain                  | Subarachnoid Space Nos | Hemorrhage                       |                        |
| Pancreas               | Islets                 | Hyperplasia, Nos                 |                        |
| Skin                   |                        | Inflammation, Chronic Focal      |                        |
| PRIMARY CAUSE OF DEATH | -                      |                                  |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                                            |                    |                                         |                        |
|--------------------------------------------|--------------------|-----------------------------------------|------------------------|
| ANIMAL ID: 3_031                           | TRT#: 3<br>DOSE: 0 | SEX: Male<br>DISP: Scheduled Sacrifice  | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS<br>Harderian gland<br>Stomach | Hardarian Gland    | Adenoma, Nos<br>Hyperplasia, Basal Cell |                        |
| PRIMARY CAUSE OF DEATH                     | -                  |                                         |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                      |                                      |
|-------------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_032       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                      |                                      |
| Adrenal gland                 |                                  | Cortical Adenoma                                     |                                      |
| Liver                         |                                  | Hepatocellular Adenoma                               |                                      |
| Lymph node                    | Mesenteric Lymph Node            | Congestion, Nos                                      |                                      |
| Unspecified                   | Tail                             | Osteosarcoma                                         |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                  |                                                      |                                      |
| -                             |                                  |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                |                                      |
|-------------------------------|----------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_033       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                |                                      |
| Kidney                        |                                  | Calcification, Focal                           |                                      |
| Lymph node                    | Mesenteric Lymph Node            | Congestion, Nos                                |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                  |                                                |                                      |
| -                             |                                  |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                    |                                  |                        |
|------------------------|--------------------|----------------------------------|------------------------|
| ANIMAL ID: 3_034       | TRT#: 3<br>DOSE: 0 | SEX: Male<br>DISP: Natural Death | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                    |                                  |                        |
| Liver                  |                    | Hepatocellular Carcinoma         |                        |
| PRIMARY CAUSE OF DEATH |                    | -                                |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                       |                                        |                        |
|------------------------|-----------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_035       | TRT#: 3<br>DOSE: 0    | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                       |                                        |                        |
| Brain                  |                       | Calcification, Focal                   |                        |
| Liver                  |                       | Hepatocellular Carcinoma               |                        |
| Lung                   |                       | Hepatocellular Carcinoma, Metastatic   |                        |
| Lymph node             | Mesenteric Lymph Node | Congestion, Nos                        |                        |
| Testis                 |                       | Atrophy, Focal                         |                        |
| Urinary bladder        |                       | Calculus, Unknown Gross Or Micro       |                        |
| PRIMARY CAUSE OF DEATH | -                     |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                     |                                        |                        |
|------------------------|---------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_036       | TRT#: 3<br>DOSE: 0  | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                     |                                        |                        |
| Adrenal gland          | Cortex Nos          | Hyperplasia, Nodular                   |                        |
| Brain                  |                     | Calcification, Focal                   |                        |
| Liver                  |                     | Hepatocellular Carcinoma               |                        |
| Lung                   |                     | Alveolar/Bronchiolar Adenoma           |                        |
| Unspecified            | Multiple Organs Nos | Lymphoma, Mixed-Malignant Type         |                        |
| PRIMARY CAUSE OF DEATH | -                   |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                |                                      |
|-------------------------------|----------------------------------|------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_037       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Natural Death | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                |                                      |
| Adrenal gland                 |                                  | Pheochromocytoma                               |                                      |
| Testis                        |                                  | Mineralization                                 |                                      |
| Unspecified                   | Multiple Organs Nos              | Lymphoma, Nos-Malignant                        |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                  |                                                |                                      |
| -                             |                                  |                                                |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                         |                                  |                                                      |                                      |
|-------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_038 | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>     |                                  |                                                      |                                      |
| Brain                   |                                  | Calcification, Focal                                 |                                      |
| Unspecified             | Multiple Organs Nos              | Lymphoma, Mixed-Malignant Type                       |                                      |
| PRIMARY CAUSE OF DEATH  | -                                |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

|                        |                       |                                        |                        |
|------------------------|-----------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_039       | TRT#: 3<br>DOSE: 0    | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                       |                                        |                        |
| Adrenal gland          |                       | Pheochromocytoma                       |                        |
| Intestine Small        | Mesentery Nos         | Periarteritis                          |                        |
| Kidney                 |                       | Nephropathy                            |                        |
| Liver                  |                       | Hepatocellular Carcinoma               |                        |
| Lymph node             | Mesenteric Lymph Node | Congestion, Nos                        |                        |
| PRIMARY CAUSE OF DEATH | -                     |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                       |                                        |                        |
|------------------------|-----------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_040       | TRT#: 3<br>DOSE: 0    | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                       |                                        |                        |
| Harderian gland        | Hardarian Gland       | Adenoma, Nos                           |                        |
| Lung                   |                       | Alveolar/Bronchiolar Adenoma           |                        |
|                        |                       | Alveolar/Bronchiolar Carcinoma         |                        |
| Lymph node             | Mesenteric Lymph Node | Congestion, Nos                        |                        |
| PRIMARY CAUSE OF DEATH | -                     |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                      |                                      |
|-------------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_041       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                      |                                      |
| Liver                         |                                  | Hepatocellular Carcinoma                             |                                      |
| Lung                          |                                  | Hepatocellular Carcinoma, Metastatic                 |                                      |
| Lymph node                    | Mesenteric Lymph Node            | Congestion, Nos                                      |                                      |
| Unspecified                   |                                  | Sarcoma, Nos                                         |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> | -                                |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                     |                                        |                        |
|------------------------|---------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_042       | TRT#: 3<br>DOSE: 0  | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                     |                                        |                        |
| Adrenal gland          |                     | Cortical Adenoma                       |                        |
| Brain                  |                     | Calcification, Focal                   |                        |
| Liver                  |                     | Hemangiosarcoma                        |                        |
|                        |                     | Hepatocellular Carcinoma               |                        |
| Lung                   |                     | Alveolar/Bronchiolar Adenoma           |                        |
| Unspecified            | Multiple Organs Nos | Hepatocellular Carcinoma, Metastatic   |                        |
| PRIMARY CAUSE OF DEATH | -                   |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                     |                                        |                        |
|------------------------|---------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_043       | TRT#: 3<br>DOSE: 0  | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                     |                                        |                        |
| Lung                   |                     | Alveolar/Bronchiolar Adenoma           |                        |
| Unspecified            |                     | Fibrosarcoma                           |                        |
|                        | Multiple Organs Nos | Lymphoma, Mixed-Malignant Type         |                        |
| PRIMARY CAUSE OF DEATH | -                   |                                        |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                    |                                        |                        |
|------------------------|--------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_044       | TRT#: 3<br>DOSE: 0 | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                    |                                        |                        |
| Lung                   |                    | Alveolar/Bronchiolar Carcinoma         |                        |
| PRIMARY CAUSE OF DEATH |                    | -                                      |                        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50748  
Test Type: Long-Term  
Route: Dosed-Feed  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Gum Arabic  
CAS Number: 9000-01-5

Date Report Requested: 10/26/2014  
Time Report Requested: 09:54:24  
First Dose M/F: NA / NA  
Lab: NA

|                        |                    |                                        |                        |
|------------------------|--------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_046       | TRT#: 3<br>DOSE: 0 | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                    |                                        |                        |
| Brain                  |                    | Calcification, Focal                   |                        |
| Liver                  |                    | Hepatocellular Carcinoma               |                        |
| PRIMARY CAUSE OF DEATH |                    | -                                      |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                               |                                  |                                                      |                                      |
|-------------------------------|----------------------------------|------------------------------------------------------|--------------------------------------|
| <b>ANIMAL ID:</b> 3_047       | <b>TRT#:</b> 3<br><b>DOSE:</b> 0 | <b>SEX:</b> Male<br><b>DISP:</b> Scheduled Sacrifice | <b>DAY ON TEST:</b><br><b>HISTO:</b> |
| <b>OBSERVATIONS</b>           |                                  |                                                      |                                      |
| Brain                         |                                  | Calcification, Focal                                 |                                      |
| Liver                         |                                  | Hepatocellular Adenoma                               |                                      |
| Lymph node                    | Mesenteric Lymph Node            | Congestion, Nos                                      |                                      |
| <b>PRIMARY CAUSE OF DEATH</b> |                                  |                                                      |                                      |
| -                             |                                  |                                                      |                                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                    |                                                    |                        |
|------------------------|--------------------|----------------------------------------------------|------------------------|
| ANIMAL ID: 3_048       | TRT#: 3<br>DOSE: 0 | SEX: Male<br>DISP: Scheduled Sacrifice             | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                    |                                                    |                        |
| Liver                  |                    | Hepatocellular Adenoma<br>Hepatocellular Carcinoma |                        |
| PRIMARY CAUSE OF DEATH |                    |                                                    |                        |
| -                      |                    |                                                    |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Gum Arabic  
**CAS Number:** 9000-01-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:54:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

|                        |                    |                                        |                        |
|------------------------|--------------------|----------------------------------------|------------------------|
| ANIMAL ID: 3_049       | TRT#: 3<br>DOSE: 0 | SEX: Male<br>DISP: Scheduled Sacrifice | DAY ON TEST:<br>HISTO: |
| OBSERVATIONS           |                    |                                        |                        |
| Brain                  |                    | Calcification, Focal                   |                        |
| PRIMARY CAUSE OF DEATH |                    | -                                      |                        |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50748

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Gum Arabic

**CAS Number:** 9000-01-5

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

**Time Report Requested:** 09:54:24

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

**Lab:** NA

**ANIMAL ID:** 3\_050

**TRT#:** 3

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

**OBSERVATIONS**

|            |                       |                          |
|------------|-----------------------|--------------------------|
| Liver      |                       | Hepatocellular Carcinoma |
| Lymph node | Mesenteric Lymph Node | Congestion, Nos          |

**PRIMARY CAUSE OF DEATH**

-

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

\* PROTOCOL REQUIRED TISSUE