

**Experiment Number:** 95003-04  
**Test Type:** 90-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Methyl trans-styryl ketone  
**CAS Number:** 1896-62-4

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:18:41  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**C Number:** C95003  
**Lock Date:** 01/08/2003  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date** NONE

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

| B6C3F1 Mouse Male<br>VEHICLE CONTROL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0       |
|--------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                                      |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0       |
|                                      | 9           | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9       |
|                                      | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2       |
| ANIMAL ID                            | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0       |
|                                      | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0       |
|                                      | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0       |
|                                      | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0       |
|                                      | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
|                                      |             |   |   |   |   |   |   |   |   |   | *TOTALS |

**Alimentary System**

|                           |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder               | + | I | + | + | + | + | M | + | + | + | 8  |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver                     | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | + | + |   | + | + | + | 9  |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | 10 |
| Tongue                    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex  | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |

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

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

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Date Report Requested: 10/18/2014  
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 First Dose M/F: NA / NA  
 Lab: MBA

| B6C3F1 Mouse Male<br>VEHICLE CONTROL | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|--------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                                      | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID                            | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                      | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Islets, Pancreatic                   | +           | + | + | + | + | + | + | + | + | + | 10      |
| Parathyroid Gland                    | +           | + | + | + | + | M | + | + | + | + | 9       |
| Pituitary Gland                      | +           | + | + | + | + | + | M | + | I | + | 8       |
| Thyroid Gland                        | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>General Body System</b>           |             |   |   |   |   |   |   |   |   |   |         |
| NONE                                 |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>                |             |   |   |   |   |   |   |   |   |   |         |
| Epididymis                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Preputial Gland                      | +           | + | + | + | + | + | + | + | + | + | 10      |
| Prostate                             | +           | + | + | + | + | + | + | + | + | + | 10      |
| Seminal Vesicle                      | +           | + | + | + | + | + | + | + | + | + | 10      |
| Testes                               | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Hematopoietic System</b>          |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                          | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mandibular               | +           | + | + | + | M | + | + | + | + | + | 9       |
| Lymph Node, Mesenteric               | +           | + | + | + | + | + | + | + | + | + | 10      |
| Spleen                               | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thymus                               | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>          |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                        | M           | M | M | M | M | M | M | M | M | M | 0       |
| Skin                                 | +           | + | + | + | + | + | + | + | + | + | 10      |

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

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

Experiment Number: 95003-04  
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 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:41  
 First Dose M/F: NA / NA  
 Lab: MBA

| B6C3F1 Mouse Male<br>VEHICLE CONTROL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|--------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
|                                      | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                      |             | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |         |
|                                      |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|                                      |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                      |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                      |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                      |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |         |
|                                      |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Skin                                 |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Musculoskeletal System</b>        |             |   |   |   |   |   |   |   |   |   |   |         |
| Bone                                 |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Nervous System</b>                |             |   |   |   |   |   |   |   |   |   |   |         |
| Brain                                |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Respiratory System</b>            |             |   |   |   |   |   |   |   |   |   |   |         |
| Lung                                 |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Nose                                 |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Trachea                              |             | + | + | + | + | M | + | + | + | + | I | 8       |
| <b>Special Senses System</b>         |             |   |   |   |   |   |   |   |   |   |   |         |
| Eye                                  |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Harderian Gland                      |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Urinary System</b>                |             |   |   |   |   |   |   |   |   |   |   |         |
| Kidney                               |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Urinary Bladder                      |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>SYSTEMIC LESIONS</b>              |             |   |   |   |   |   |   |   |   |   |   |         |
| Multiple Organ                       |             | + | + | + | + | + | + | + | + | + | + | 10      |

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

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

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 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:42  
 First Dose M/F: NA / NA  
 Lab: MBA

**B6C3F1 Mouse Male**  
**87.5 MG/KG**

| DAY ON TEST | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|----------------|---|---|---|---|---|---|---|---|---|---|
|             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 9              | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|             | 2              | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID   | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 1              | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
|             | 1              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |
|             | <b>*TOTALS</b> |   |   |   |   |   |   |   |   |   |   |

**Alimentary System**

Stomach, Glandular + + + + + + + + + + 10

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin + + + + + + + + + + 10

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
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 Lab: MBA

**B6C3F1 Mouse Male**  
**87.5 MG/KG**

| DAY ON TEST | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|----------------|---|---|---|---|---|---|---|---|---|---|
|             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 9              | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|             | 2              | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID   | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 1              | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
|             | 1              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |
|             | <b>*TOTALS</b> |   |   |   |   |   |   |   |   |   |   |

**Respiratory System**

Nose + + + + + + + + + + 10

**Special Senses System**

NONE

**Urinary System**

Kidney + + + + + + + + + + 10

**SYSTEMIC LESIONS**

Multiple Organ + + + + + + + + + + 10

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

M ..Missing tissue  
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 First Dose M/F: NA / NA  
 Lab: MBA

**B6C3F1 Mouse Male**  
**175 MG/KG**

| DAY ON TEST | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|----------------|---|---|---|---|---|---|---|---|---|
|             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 9              | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|             | 2              | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID   | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 2              | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
|             | 1              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|             | <b>*TOTALS</b> |   |   |   |   |   |   |   |   |   |

**Alimentary System**

Stomach, Glandular + + + + + + + + + + 10

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin + + + + + + + + + + 10

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
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 First Dose M/F: NA / NA  
 Lab: MBA

**B6C3F1 Mouse Male**  
**175 MG/KG**

| DAY ON TEST | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---------|---|---|---|---|---|---|---|---|---|
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 9       | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID   | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
|             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Respiratory System**

Nose + + + + + + + + + + 10

**Special Senses System**

NONE

**Urinary System**

Kidney + + + + + + + + + + 10

**SYSTEMIC LESIONS**

Multiple Organ + + + + + + + + + + 10

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

**B6C3F1 Mouse Male**  
**350 MG/KG**

| DAY ON TEST | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---------|---|---|---|---|---|---|---|---|---|
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 9       | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID   | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
|             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|                           |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder               | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver                     | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | 10 |
| Tongue                    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex  | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |

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

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 Lab: MBA

**B6C3F1 Mouse Male**  
**350 MG/KG**

|                             | DAY ON TEST |   |   |   |   |   |   |   |   |   |         |
|-----------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                             | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID                   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|                             | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                             | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |         |
|                             | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Islets, Pancreatic          | +           | + | + | + | + | + | + | + | + | + | 10      |
| Parathyroid Gland           | +           | + | + | M | + | + | + | + | + | M | 8       |
| Pituitary Gland             | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thyroid Gland               | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>General Body System</b>  |             |   |   |   |   |   |   |   |   |   |         |
| NONE                        |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>       |             |   |   |   |   |   |   |   |   |   |         |
| Epididymis                  | +           | + | + | + | + | + | + | + | + | + | 10      |
| Preputial Gland             | +           | + | + | + | + | + | + | + | + | + | 10      |
| Prostate                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| Seminal Vesicle             | +           | + | + | + | + | + | + | + | + | + | 10      |
| Testes                      | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Hematopoietic System</b> |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                 | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mandibular      | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mesenteric      | +           | + | + | + | + | + | + | + | + | + | 10      |
| Spleen                      | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thymus                      | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b> |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland               | M           | M | M | M | M | M | M | M | M | M | 0       |
| Skin                        | +           | + | + | + | + | + | + | + | + | + | 10      |

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:42  
 First Dose M/F: NA / NA  
 Lab: MBA

**B6C3F1 Mouse Male**  
**350 MG/KG**

|                               | DAY ON TEST |   |   |   |   |   |   |   |   |   |         |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                               | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID                     | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|                               | 9           | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |         |
|                               | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
| 0                             | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| 0                             | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| 0                             | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| 3                             | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |         |
| 1                             | 2           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Skin                          | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Musculoskeletal System</b> |             |   |   |   |   |   |   |   |   |   |         |
| Bone                          | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Nervous System</b>         |             |   |   |   |   |   |   |   |   |   |         |
| Brain                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Respiratory System</b>     |             |   |   |   |   |   |   |   |   |   |         |
| Lung                          | +           | + | + | + | + | + | + | + | + | + | 10      |
| Nose                          | +           | + | + | + | + | + | + | + | + | + | 10      |
| Trachea                       | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Special Senses System</b>  |             |   |   |   |   |   |   |   |   |   |         |
| Eye                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Harderian Gland               | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Urinary System</b>         |             |   |   |   |   |   |   |   |   |   |         |
| Kidney                        | +           | + | + | + | + | + | + | + | + | + | 10      |
| Urinary Bladder               | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>SYSTEMIC LESIONS</b>       |             |   |   |   |   |   |   |   |   |   |         |
| Multiple Organ                | +           | + | + | + | + | + | + | + | + | + | 10      |

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:42  
 First Dose M/F: NA / NA  
 Lab: MBA

| B6C3F1 Mouse Male<br>700 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
| ANIMAL ID                      | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |         |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                | 4           | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |         |
|                                | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |

**Alimentary System**

|                           |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder               | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver                     | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | 10 |
| Tongue                    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex  | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |

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

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

Experiment Number: 95003-04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/18/2014

Time Report Requested: 21:18:42

First Dose M/F: NA / NA

Lab: MBA

| B6C3F1 Mouse Male<br>700 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|                                | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |         |
| ANIMAL ID                      | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                | 4           | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |         |
|                                | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Islets, Pancreatic             | +           | + | + | + | + | + | + | + | + | + | 10      |
| Parathyroid Gland              | +           | + | + | + | + | M | + | + | + | + | 9       |
| Pituitary Gland                | I           | + | I | I | + | + | + | + | + | + | 7       |
| Thyroid Gland                  | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>General Body System</b>     |             |   |   |   |   |   |   |   |   |   |         |
| NONE                           |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>          |             |   |   |   |   |   |   |   |   |   |         |
| Epididymis                     | +           | + | + | + | + | + | + | + | + | + | 10      |
| Preputial Gland                | +           | + | + | + | + | + | + | + | + | + | 10      |
| Prostate                       | +           | + | + | + | + | + | + | + | + | + | 10      |
| Seminal Vesicle                | +           | + | + | + | + | + | + | + | + | + | 10      |
| Testes                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Hematopoietic System</b>    |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mandibular         | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mesenteric         | +           | + | + | + | + | + | + | + | + | + | 10      |
| Spleen                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thymus                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>    |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                  | M           | M | M | M | M | M | M | M | M | M | 0       |
| Skin                           | +           | + | + | + | + | + | + | + | + | + | 10      |

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 95003-04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/18/2014

Time Report Requested: 21:18:42

First Dose M/F: NA / NA

Lab: MBA

| B6C3F1 Mouse Male<br>700 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
|                                | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| 0                              | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| 2                              | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
| 1                              | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |         |
| 0                              | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| 0                              | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| 0                              | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| 4                              | 4           | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |         |
| 1                              | 2           | 3 | 4 | 5 | 6 | 7 | 8 | 9 |   |   | 0 |         |
| Skin                           | +           | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Musculoskeletal System</b>  |             |   |   |   |   |   |   |   |   |   |   |         |
| Bone                           | +           | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Nervous System</b>          |             |   |   |   |   |   |   |   |   |   |   |         |
| Brain                          | +           | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Respiratory System</b>      |             |   |   |   |   |   |   |   |   |   |   |         |
| Lung                           | +           | + | + | + | + | + | + | + | + | + | + | 10      |
| Nose                           | +           | + | + | + | + | + | + | + | + | + | + | 10      |
| Trachea                        | +           | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Special Senses System</b>   |             |   |   |   |   |   |   |   |   |   |   |         |
| Eye                            | +           | + | + | + | + | + | + | + | + | + | + | 10      |
| Harderian Gland                | +           | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Urinary System</b>          |             |   |   |   |   |   |   |   |   |   |   |         |
| Kidney                         | +           | + | + | + | + | + | + | + | + | + | + | 10      |
| Urinary Bladder                | +           | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>SYSTEMIC LESIONS</b>        |             |   |   |   |   |   |   |   |   |   |   |         |
| Multiple Organ                 | +           | + | + | + | + | + | + | + | + | + | + | 10      |

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:42  
 First Dose M/F: NA / NA  
 Lab: MBA

**B6C3F1 Mouse Male**  
**1400 MG/KG**

| DAY ON TEST | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---------|---|---|---|---|---|---|---|---|---|
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 |
|             | 1       | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| ANIMAL ID   | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|             | 5       | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
|             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|                           |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder               | + | + | + | + | + | + | + | + | + | A | 9  |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | A | 9  |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | A | 9  |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | A | 9  |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | A | A | 8  |
| Intestine Small, Jejunum  | + | + | + | + | + | + | A | + | + | A | 8  |
| Liver                     | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | A | 9  |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | A | 9  |
| Tongue                    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex  | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:42  
 First Dose M/F: NA / NA  
 Lab: MBA

| B6C3F1 Mouse Male<br>1400 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|---------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                                 | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID                       | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                 | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                 | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 |         |
|                                 | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |         |
|                                 | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                 | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                 | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                 | 5           | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |         |
|                                 | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Islets, Pancreatic              | +           | + | + | + | + | + | + | + | + | + |         |
| Parathyroid Gland               | +           | M | + | M | M | + | + | + | + | + |         |
| Pituitary Gland                 | I           | + | I | I | + | + | + | + | + | + |         |
| Thyroid Gland                   | +           | + | + | + | + | + | + | + | + | + |         |
| <b>General Body System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| NONE                            |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>           |             |   |   |   |   |   |   |   |   |   |         |
| Epididymis                      | +           | + | + | + | + | + | + | + | + | + |         |
| Preputial Gland                 | +           | + | + | + | + | + | + | + | + | A |         |
| Prostate                        | +           | + | + | + | + | + | + | + | + | + |         |
| Seminal Vesicle                 | +           | + | + | + | + | + | + | + | + | A |         |
| Testes                          | +           | + | + | + | + | + | + | + | + | + |         |
| <b>Hematopoietic System</b>     |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                     | +           | + | + | + | + | + | + | + | + | + |         |
| Lymph Node, Mandibular          | +           | + | + | + | + | + | + | + | + | + |         |
| Lymph Node, Mesenteric          | +           | + | + | + | + | + | + | + | + | + |         |
| Spleen                          | +           | + | + | + | + | + | + | + | + | A |         |
| Thymus                          | +           | + | + | + | + | + | + | + | + | A |         |
| <b>Integumentary System</b>     |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                   | M           | M | M | M | M | M | M | M | M | M |         |
| Skin                            | +           | + | + | + | + | + | + | + | + | + |         |

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

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



Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:42  
 First Dose M/F: NA / NA  
 Lab: MBA

**B6C3F1 Mouse Male**  
**1400 MG/KG**

|                               | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                               | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID                     | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                               | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 |         |
|                               | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |         |
| 0                             | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| 0                             | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| 0                             | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| 5                             | 5           | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |         |
| 1                             | 2           | 3 | 4 | 5 | 6 | 7 | 8 | 9 |   | 0 |         |
| Skin                          | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Musculoskeletal System</b> |             |   |   |   |   |   |   |   |   |   |         |
| Bone                          | +           | + | + | + | + | + | + | + | + | + | 10      |
| Skeletal Muscle               |             |   |   |   |   | + |   |   |   |   | 1       |
| <b>Nervous System</b>         |             |   |   |   |   |   |   |   |   |   |         |
| Brain                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Respiratory System</b>     |             |   |   |   |   |   |   |   |   |   |         |
| Lung                          | +           | + | + | + | + | + | + | + | + | + | 10      |
| Nose                          | +           | + | + | + | + | + | + | + | + | + | 10      |
| Trachea                       | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Special Senses System</b>  |             |   |   |   |   |   |   |   |   |   |         |
| Eye                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Harderian Gland               | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Urinary System</b>         |             |   |   |   |   |   |   |   |   |   |         |
| Kidney                        | +           | + | + | + | + | + | + | + | + | A | 9       |
| Urinary Bladder               | +           | + | + | + | + | + | + | + | + | A | 9       |
| <b>SYSTEMIC LESIONS</b>       |             |   |   |   |   |   |   |   |   |   |         |
| Multiple Organ                | +           | + | + | + | + | + | + | + | + | + | 10      |

\*\*\*END OF MALE DATA\*\*\*

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:42  
 First Dose M/F: NA / NA  
 Lab: MBA

| DAY ON TEST            | 0                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------|----------------------------|---|---|---|---|---|---|---|---|---|
|                        | <b>B6C3F1 Mouse Female</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>VEHICLE CONTROL</b> | 9                          | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|                        | 2                          | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID              | 0                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                        | 0                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                        | 0                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                        | 6                          | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |
|                        | 1                          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|                        | *TOTALS                    |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|                           |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder               | + | + | M | + | + | + | + | I | + | I | 7  |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver                     | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | 10 |
| Tongue                    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex  | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:42  
 First Dose M/F: NA / NA  
 Lab: MBA

| B6C3F1 Mouse Female<br>VEHICLE CONTROL | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---------|
|  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID                              | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|  | 6           | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |         |
|  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Islets, Pancreatic                     | +           | + | + | + | + | + | + | + | + | + | 10      |
| Parathyroid Gland                      | +           | M | + | + | M | + | + | + | + | + | 8       |
| Pituitary Gland                        | +           | I | I | + | + | + | + | + | + | + | 8       |
| Thyroid Gland                          | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>General Body System</b>             |             |   |   |   |   |   |   |   |   |   |         |
| NONE                                   |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>                  |             |   |   |   |   |   |   |   |   |   |         |
| Clitoral Gland                         | +           | + | + | + | + | + | + | + | + | + | 10      |
| Ovary                                  | +           | + | + | + | + | + | + | + | + | + | 10      |
| Uterus                                 | +           | + | + | + | + | + | + | + | + | + | 10      |
| Polyp Stromal                          |             |   |   |   |   |   | X |   |   |   | 1       |
| <b>Hematopoietic System</b>            |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                            | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mandibular                 | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mesenteric                 | +           | + | + | + | + | + | + | + | + | + | 10      |
| Spleen                                 | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thymus                                 | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>            |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                          | +           | I | + | + | + | + | + | + | + | + | 9       |
| Skin                                   | +           | + | + | + | + | + | + | + | + | + | 10      |

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

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

Experiment Number: 95003-04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/18/2014

Time Report Requested: 21:18:42

First Dose M/F: NA / NA

Lab: MBA

| B6C3F1 Mouse Female<br>VEHICLE CONTROL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---------|
|  | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|  |             | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |         |
|  |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|  |             | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |         |
|  |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| <b>Musculoskeletal System</b>          |             |   |   |   |   |   |   |   |   |   |   |         |
| Bone                                   |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Nervous System</b>                  |             |   |   |   |   |   |   |   |   |   |   |         |
| Brain                                  |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Respiratory System</b>              |             |   |   |   |   |   |   |   |   |   |   |         |
| Lung                                   |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Nose                                   |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Trachea                                |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Special Senses System</b>           |             |   |   |   |   |   |   |   |   |   |   |         |
| Eye                                    |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Harderian Gland                        |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Urinary System</b>                  |             |   |   |   |   |   |   |   |   |   |   |         |
| Kidney                                 |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Urinary Bladder                        |             | M | + | + | + | + | + | + | + | + | + | 9       |
| <b>SYSTEMIC LESIONS</b>                |             |   |   |   |   |   |   |   |   |   |   |         |
| Multiple Organ                         |             | + | + | + | + | + | + | + | + | + | + | 10      |

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:42  
 First Dose M/F: NA / NA  
 Lab: MBA

| DAY ON TEST       | 0                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------------|----------------------------|---|---|---|---|---|---|---|---|---|
|                   | <b>B6C3F1 Mouse Female</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>87.5 MG/KG</b> | 9                          | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|                   | 2                          | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID         | 0                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                   | 0                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                   | 0                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                   | 7                          | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |
|                   | 1                          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|                   | <b>*TOTALS</b>             |   |   |   |   |   |   |   |   |   |

|                               |   |   |   |   |   |   |   |   |   |    |
|-------------------------------|---|---|---|---|---|---|---|---|---|----|
| <b>Alimentary System</b>      |   |   |   |   |   |   |   |   |   |    |
| Stomach, Glandular            | + | + | + | + | + | + | + | + | + | 10 |
| <b>Cardiovascular System</b>  |   |   |   |   |   |   |   |   |   |    |
| NONE                          |   |   |   |   |   |   |   |   |   |    |
| <b>Endocrine System</b>       |   |   |   |   |   |   |   |   |   |    |
| Adrenal Cortex                | + | + | + | + | + | + | + | + | + | 10 |
| <b>General Body System</b>    |   |   |   |   |   |   |   |   |   |    |
| NONE                          |   |   |   |   |   |   |   |   |   |    |
| <b>Genital System</b>         |   |   |   |   |   |   |   |   |   |    |
| Uterus                        | + | + | + | I | + | + | + | + | + | 9  |
| <b>Hematopoietic System</b>   |   |   |   |   |   |   |   |   |   |    |
| NONE                          |   |   |   |   |   |   |   |   |   |    |
| <b>Integumentary System</b>   |   |   |   |   |   |   |   |   |   |    |
| Skin                          | + | + | + | + | + | + | + | + | + | 10 |
| <b>Musculoskeletal System</b> |   |   |   |   |   |   |   |   |   |    |
| NONE                          |   |   |   |   |   |   |   |   |   |    |
| <b>Nervous System</b>         |   |   |   |   |   |   |   |   |   |    |
| NONE                          |   |   |   |   |   |   |   |   |   |    |

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:43  
 First Dose M/F: NA / NA  
 Lab: MBA

| DAY ON TEST                | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | *TOTALS |
|----------------------------|---|---|---|---|---|---|---|---|---|---|-----------|---------|
|                            | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |         |
| <b>B6C3F1 Mouse Female</b> | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |           |         |
| <b>87.5 MG/KG</b>          | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |           |         |
|                            | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |         |
|                            | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |         |
|                            | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |         |
|                            | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |           |         |
|                            | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |           |         |

**Respiratory System**

Nose + + + + + + + + + + 10

**Special Senses System**

NONE

**Urinary System**

Kidney + + + + + + + + + + 10

**SYSTEMIC LESIONS**

Multiple Organ + + + + + + + + + + 10

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:43  
 First Dose M/F: NA / NA  
 Lab: MBA

|                            |                  | DAY ON TEST |   |   |   |   |   |   |   |   |                |  |
|----------------------------|------------------|-------------|---|---|---|---|---|---|---|---|----------------|--|
| <b>B6C3F1 Mouse Female</b> |                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0              |  |
|                            |                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0              |  |
|                            | <b>175 MG/KG</b> | 9           | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9              |  |
|                            |                  | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |                |  |
|                            | ANIMAL ID        | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                |  |
|                            |                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                |  |
|                            |                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                |  |
|                            |                  | 8           | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |                |  |
|                            |                  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |                |  |
|                            |                  |             |   |   |   |   |   |   |   |   | <b>*TOTALS</b> |  |

|                               |  |   |   |   |   |   |   |   |   |   |    |
|-------------------------------|--|---|---|---|---|---|---|---|---|---|----|
| <b>Alimentary System</b>      |  |   |   |   |   |   |   |   |   |   |    |
| Stomach, Glandular            |  | + | + | + | + | + | + | + | + | + | 10 |
| <b>Cardiovascular System</b>  |  |   |   |   |   |   |   |   |   |   |    |
| NONE                          |  |   |   |   |   |   |   |   |   |   |    |
| <b>Endocrine System</b>       |  |   |   |   |   |   |   |   |   |   |    |
| Adrenal Cortex                |  | + | + | + | + | + | + | + | + | + | 10 |
| <b>General Body System</b>    |  |   |   |   |   |   |   |   |   |   |    |
| NONE                          |  |   |   |   |   |   |   |   |   |   |    |
| <b>Genital System</b>         |  |   |   |   |   |   |   |   |   |   |    |
| Uterus                        |  | + | + | + | + | + | + | + | + | + | 10 |
| <b>Hematopoietic System</b>   |  |   |   |   |   |   |   |   |   |   |    |
| NONE                          |  |   |   |   |   |   |   |   |   |   |    |
| <b>Integumentary System</b>   |  |   |   |   |   |   |   |   |   |   |    |
| Skin                          |  | + | + | + | + | + | + | + | + | + | 10 |
| <b>Musculoskeletal System</b> |  |   |   |   |   |   |   |   |   |   |    |
| NONE                          |  |   |   |   |   |   |   |   |   |   |    |
| <b>Nervous System</b>         |  |   |   |   |   |   |   |   |   |   |    |
| NONE                          |  |   |   |   |   |   |   |   |   |   |    |

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:43  
 First Dose M/F: NA / NA  
 Lab: MBA

|                              |  | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |         |
|------------------------------|--|-------------|---|---|---|---|---|---|---|---|---|---|---------|
|                              |  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                              |  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                              |  | 9           | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |         |
|                              |  | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
| ANIMAL ID                    |  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                              |  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                              |  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                              |  | 8           | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |         |
|                              |  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   | *TOTALS |
| <b>Respiratory System</b>    |  |             |   |   |   |   |   |   |   |   |   |   |         |
| Nose                         |  | +           | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Special Senses System</b> |  |             |   |   |   |   |   |   |   |   |   |   |         |
| NONE                         |  |             |   |   |   |   |   |   |   |   |   |   |         |
| <b>Urinary System</b>        |  |             |   |   |   |   |   |   |   |   |   |   |         |
| Kidney                       |  | +           | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>SYSTEMIC LESIONS</b>      |  |             |   |   |   |   |   |   |   |   |   |   |         |
| Multiple Organ               |  | +           | + | + | + | + | + | + | + | + | + | + | 10      |

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

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



Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:43  
 First Dose M/F: NA / NA  
 Lab: MBA

| DAY ON TEST                                    |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--|---|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b><br><b>350 MG/KG</b> |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|  |  | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID                                      |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  |  | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| <b>*TOTALS</b>                                 |  |   |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|                           |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder               | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver                     | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | 10 |
| Tongue                    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex  | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |

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

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

Experiment Number: 95003-04

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Methyl trans-styryl ketone

CAS Number: 1896-62-4

Date Report Requested: 10/18/2014

Time Report Requested: 21:18:43

First Dose M/F: NA / NA

Lab: MBA

| B6C3F1 Mouse Female<br>350 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID                        | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                  | 9           | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |         |
|                                  | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
| Islets, Pancreatic               | +           | + | + | + | + | + | + | + | + | + | 10      |
| Parathyroid Gland                | +           | + | M | + | M | M | M | M | + | + | 5       |
| Pituitary Gland                  | +           | + | + | + | + | + | + | + | I | + | 9       |
| Thyroid Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>General Body System</b>       |             |   |   |   |   |   |   |   |   |   |         |
| NONE                             |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>            |             |   |   |   |   |   |   |   |   |   |         |
| Clitoral Gland                   | +           | + | + | + | + | + | + | + | + | + | 10      |
| Ovary                            | +           | + | + | + | + | + | + | + | + | + | 10      |
| Uterus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Hematopoietic System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                      | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mandibular           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mesenteric           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Spleen                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thymus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| Skin                             | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Musculoskeletal System</b>    |             |   |   |   |   |   |   |   |   |   |         |

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:43  
 First Dose M/F: NA / NA  
 Lab: MBA

| B6C3F1 Mouse Female<br>350 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
|                                  | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                  |             | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |         |
|                                  |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|                                  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |         |
|                                  |             | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |         |
|                                  |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Bone                             |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Nervous System</b>            |             |   |   |   |   |   |   |   |   |   |   |         |
| Brain                            |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Respiratory System</b>        |             |   |   |   |   |   |   |   |   |   |   |         |
| Lung                             |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Nose                             |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Trachea                          |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Special Senses System</b>     |             |   |   |   |   |   |   |   |   |   |   |         |
| Eye                              |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Harderian Gland                  |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Urinary System</b>            |             |   |   |   |   |   |   |   |   |   |   |         |
| Kidney                           |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Urinary Bladder                  |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>SYSTEMIC LESIONS</b>          |             |   |   |   |   |   |   |   |   |   |   |         |
| Multiple Organ                   |             | + | + | + | + | + | + | + | + | + | + | 10      |

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:43  
 First Dose M/F: NA / NA  
 Lab: MBA

|  |             |         |   |   |   |   |   |   |   |   |   |
|--|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Female</b><br><b>700 MG/KG</b> | DAY ON TEST | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|  |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | ANIMAL ID   | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |             | 1       | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  |             | 0       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
|  |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|  |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|                           |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder               | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver                     | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | 10 |
| Tongue                    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex  | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:43  
 First Dose M/F: NA / NA  
 Lab: MBA

| B6C3F1 Mouse Female<br>700 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID                        | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                  | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |         |
|                                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1       |
|                                  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Islets, Pancreatic               | +           | + | + | + | + | + | + | + | + | + | 10      |
| Parathyroid Gland                | M           | M | M | + | M | M | I | + | M | + | 3       |
| Pituitary Gland                  | +           | + | + | I | + | + | + | + | + | + | 9       |
| Thyroid Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>General Body System</b>       |             |   |   |   |   |   |   |   |   |   |         |
| NONE                             |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>            |             |   |   |   |   |   |   |   |   |   |         |
| Clitoral Gland                   | +           | + | + | + | + | M | + | + | + | + | 9       |
| Ovary                            | +           | + | + | + | + | + | + | + | + | + | 10      |
| Uterus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Hematopoietic System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                      | +           | + | + | + | + | + | + | + | + | + | 10      |
| Lymph Node, Mandibular           | +           | + | + | M | + | + | + | + | + | + | 9       |
| Lymph Node, Mesenteric           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Spleen                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| Thymus                           | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Integumentary System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                    | +           | + | + | + | + | + | + | + | + | + | 10      |
| Skin                             | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Musculoskeletal System</b>    |             |   |   |   |   |   |   |   |   |   |         |

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:43  
 First Dose M/F: NA / NA  
 Lab: MBA

| B6C3F1 Mouse Female<br>700 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
|                                  | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| Bone                             |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10      |
| <b>Nervous System</b>            |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| Brain                            |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 10      |
| <b>Respiratory System</b>        |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| Lung                             |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10      |
| Nose                             |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10      |
| Trachea                          |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 10      |
| <b>Special Senses System</b>     |             |   |   |   |   |   |   |   |   |   |   |         |
| Eye                              |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Harderian Gland                  |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>Urinary System</b>            |             |   |   |   |   |   |   |   |   |   |   |         |
| Kidney                           |             | + | + | + | + | + | + | + | + | + | + | 10      |
| Urinary Bladder                  |             | + | + | + | + | + | + | + | + | + | + | 10      |
| <b>SYSTEMIC LESIONS</b>          |             |   |   |   |   |   |   |   |   |   |   |         |
| Multiple Organ                   |             | + | + | + | + | + | + | + | + | + | + | 10      |

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:43  
 First Dose M/F: NA / NA  
 Lab: MBA

|                            |                   | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |                |
|----------------------------|-------------------|-------------|---|---|---|---|---|---|---|---|---|---|----------------|
| <b>B6C3F1 Mouse Female</b> |                   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                |
|                            |                   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                |
|                            | <b>1400 MG/KG</b> | 2           | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 2 |                |
|                            |                   | 0           | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |                |
|                            | ANIMAL ID         | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                |
|                            |                   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                |
|                            |                   | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |                |
|                            |                   | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |                |
|                            |                   | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   | <b>*TOTALS</b> |

**Alimentary System**

|                           |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder               | + | + | + | + | A | M | M | + | + | + | 7  |
| Intestine Large, Cecum    | + | + | + | + | A | + | + | + | + | + | 9  |
| Intestine Large, Colon    | + | + | + | + | A | + | + | + | + | + | 9  |
| Intestine Large, Rectum   | + | + | + | + | A | + | + | + | + | + | 9  |
| Intestine Small, Duodenum | + | + | + | + | A | + | + | + | + | + | 9  |
| Intestine Small, Ileum    | + | + | + | + | A | + | + | + | A | + | 8  |
| Intestine Small, Jejunum  | + | + | + | + | A | + | + | + | + | + | 9  |
| Liver                     | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach      | + | + | + | + | A | + | + | + | A | + | 8  |
| Stomach, Glandular        | + | + | + | + | A | + | + | + | A | + | 8  |
| Tongue                    | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

|              |   |   |   |   |   |   |   |   |   |   |    |
|--------------|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart        | + | + | + | + | + | + | + | + | + | + | 10 |

**Endocrine System**

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex  | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |

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

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

Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:43  
 First Dose M/F: NA / NA  
 Lab: MBA

| B6C3F1 Mouse Female<br>1400 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                                   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID                         | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                   | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |         |
|                                   | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Islets, Pancreatic                | +           | + | + | + | + | + | + | + | + | + | 10      |
| Parathyroid Gland                 | +           | M | M | + | M | M | M | + | M | + | 4       |
| Pituitary Gland                   | I           | + | + | + | + | + | M | + | + | + | 8       |
| Thyroid Gland                     | +           | + | + | + | I | + | + | + | I | + | 8       |
| <b>General Body System</b>        |             |   |   |   |   |   |   |   |   |   |         |
| NONE                              |             |   |   |   |   |   |   |   |   |   |         |
| <b>Genital System</b>             |             |   |   |   |   |   |   |   |   |   |         |
| Clitoral Gland                    | +           | M | M | + | A | M | + | + | A | + | 5       |
| Ovary                             | +           | + | + | + | A | + | + | + | + | + | 9       |
| Uterus                            | +           | + | + | + | A | + | + | + | + | + | 9       |
| <b>Hematopoietic System</b>       |             |   |   |   |   |   |   |   |   |   |         |
| Bone Marrow                       | +           | + | + | + | A | + | + | + | + | + | 9       |
| Lymph Node, Mandibular            | +           | + | + | + | A | + | + | + | + | + | 9       |
| Lymph Node, Mesenteric            | +           | + | M | + | M | + | + | + | + | + | 8       |
| Spleen                            | +           | + | + | + | A | + | + | + | + | + | 9       |
| Thymus                            | +           | + | + | + | A | + | + | + | + | + | 9       |
| <b>Integumentary System</b>       |             |   |   |   |   |   |   |   |   |   |         |
| Mammary Gland                     | +           | + | + | + | + | + | + | + | + | + | 10      |
| Skin                              | +           | + | + | + | + | + | + | + | + | + | 10      |
| <b>Musculoskeletal System</b>     |             |   |   |   |   |   |   |   |   |   |         |

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

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



Experiment Number: 95003-04  
 Test Type: 90-DAY  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/B6C3F1

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
 Test Compound: Methyl trans-styryl ketone  
 CAS Number: 1896-62-4

Date Report Requested: 10/18/2014  
 Time Report Requested: 21:18:43  
 First Dose M/F: NA / NA  
 Lab: MBA

| B6C3F1 Mouse Female<br>1400 MG/KG | DAY ON TEST |   |   |   |   |   |   |   |   |   | *TOTALS |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
|                                   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
| ANIMAL ID                         | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |         |
|                                   | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |         |
|                                   | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |         |
|                                   | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Bone                              | +           | + | + | + | + | + | + | + | + | + |         |
| <b>Nervous System</b>             |             |   |   |   |   |   |   |   |   |   |         |
| Brain                             | +           | + | + | + | A | + | + | + | + | + |         |
| <b>Respiratory System</b>         |             |   |   |   |   |   |   |   |   |   |         |
| Lung                              | +           | + | + | + | + | + | + | + | + | + |         |
| Nose                              | +           | + | + | + | + | + | + | + | + | + |         |
| Trachea                           | +           | + | + | + | + | M | M | + | + | + |         |
| <b>Special Senses System</b>      |             |   |   |   |   |   |   |   |   |   |         |
| Eye                               | +           | + | + | + | + | + | + | + | + | + |         |
| Harderian Gland                   | +           | + | + | + | A | + | + | + | + | + |         |
| <b>Urinary System</b>             |             |   |   |   |   |   |   |   |   |   |         |
| Kidney                            | +           | + | + | + | + | + | + | + | + | + |         |
| Urinary Bladder                   | +           | + | + | + | A | + | + | + | + | + |         |
| <b>SYSTEMIC LESIONS</b>           |             |   |   |   |   |   |   |   |   |   |         |
| Multiple Organ                    | +           | + | + | + | + | + | + | + | + | + |         |

\*\* END OF REPORT \*\*

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