| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID   | 8 | 3 | 8 | 8 | 3 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

### Alimentary System

**Liver**: + + + + + + + + + + + + + 13
**Salivary Glands**: + + + + + + + + + + + + + 13
**Stomach, Forestomach**: + + + + + + + + + + + + + + + 13
**Squamous Cell Papilloma**: X X X 3
**Stomach, Glandular**: + + + + + + + + + + + + + + + 13
**Tongue**: + 1
**Squamous Cell Papilloma**: X 1

### Cardiovascular System

NONE

### Endocrine System

**Adrenal Cortex**: + + + + + + + + + + + + + + + 13
**Adrenal Medulla**: + + + + + + + + + + + + + + + 13
**Pituitary Gland**: + + + + + + + + + + + + + + + 13
**Thyroid Gland**: + + + + + + + + + + + + + + + 13

### General Body System

NONE

### Genital System

**Clitoral Gland**: + 1
**Ovary**: + 1

---

* ..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:** 89002-04  
**Test Type:** 26-WEEK  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/TG.AC HEMI  
**Test Compound:** Transgenic LECM (Pentachlorophenol)  
**CAS Number:** 87-86-5  
**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:08:02  
**First Dose M/F:** NA / NA  
**Lab:** ILS

### Hematopoietic System

<table>
<thead>
<tr>
<th>Location</th>
<th>Total Animals</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lymph Node, Mandibular</td>
<td>12</td>
<td>+ M + + + + + + + + + + + + + +</td>
</tr>
<tr>
<td>Spleen</td>
<td>13</td>
<td>+ + + + + + + + + + + + + + + +</td>
</tr>
<tr>
<td>Thymus</td>
<td>12</td>
<td>M + + + + + + + + + + + + + +</td>
</tr>
</tbody>
</table>

### Integumentary System

<table>
<thead>
<tr>
<th>Location</th>
<th>Total Animals</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mammary Gland</td>
<td>13</td>
<td>+ + + + + + + + + + + + + + + +</td>
</tr>
<tr>
<td>Skin</td>
<td>13</td>
<td>+ + + + + + + + + + + + + + + +</td>
</tr>
<tr>
<td>Squamous Cell Papilloma</td>
<td>1</td>
<td>X</td>
</tr>
</tbody>
</table>

### Musculoskeletal System

NONE

### Nervous System

NONE

### Respiratory System

NONE

<table>
<thead>
<tr>
<th>Location</th>
<th>Total Animals</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lung</td>
<td>13</td>
<td>+ + + + + + + + + + + + + + + +</td>
</tr>
</tbody>
</table>

### Special Senses System

NONE

### Urinary System

<table>
<thead>
<tr>
<th>Location</th>
<th>Total Animals</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kidney</td>
<td>13</td>
<td>+ + + + + + + + + + + + + + + +</td>
</tr>
</tbody>
</table>

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
M ..Missing tissue  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
X ..Lesion present  
BLANK ..Not examined microscopically  
I ..Insufficient tissue
**Experiment Number:** 89002-04  
**Test Type:** 26-WEEK  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/TG.AC HEMI  
**Test Compound:** Transgenic LECM (Pentachlorophenol)  
**CAS Number:** 87-86-5  
**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:08:02  
**First Dose M/F:** NA / NA  
**Lab:** ILS

### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

#### SYSTEMIC LESIONS

<table>
<thead>
<tr>
<th>Multiple Organ</th>
<th>+</th>
<th>+</th>
<th>+</th>
<th>+</th>
<th>+</th>
<th>+</th>
<th>+</th>
<th>+</th>
<th>+</th>
<th>+</th>
<th>+</th>
<th>+</th>
<th>13</th>
</tr>
</thead>
</table>

---

* ..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
D AY ON TEST

T G.AC HEMI Mouse Female
1.25 UG TPA

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

NONE

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

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
<table>
<thead>
<tr>
<th>DAY ON TEST</th>
<th>ANIMAL ID</th>
<th>*TOTALS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Respiratory System</strong></td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td><strong>Special Senses System</strong></td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td><strong>Urinary System</strong></td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td><strong>SYSTEMIC LESIONS</strong></td>
<td>Multiple Organ</td>
<td>0</td>
</tr>
</tbody>
</table>

* ..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
### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

**Test Compound:** Transgenic LECM (Pentachlorophenol)  
**CAS Number:** 87-86-5

<table>
<thead>
<tr>
<th>Day on Test</th>
<th>TG.AC HEMI Mouse Female</th>
<th>0.75 MG</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>ANIMAL ID</strong></td>
<td><strong>TOTALS</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Alimentary System</strong></td>
<td>NONE</td>
</tr>
<tr>
<td></td>
<td><strong>Cardiovascular System</strong></td>
<td>NONE</td>
</tr>
<tr>
<td></td>
<td><strong>Endocrine System</strong></td>
<td>NONE</td>
</tr>
<tr>
<td></td>
<td><strong>General Body System</strong></td>
<td>NONE</td>
</tr>
<tr>
<td></td>
<td><strong>Genital System</strong></td>
<td>NONE</td>
</tr>
<tr>
<td></td>
<td><strong>Hematopoietic System</strong></td>
<td>NONE</td>
</tr>
<tr>
<td></td>
<td><strong>Integumentary System</strong></td>
<td>NONE</td>
</tr>
<tr>
<td></td>
<td><strong>Musculoskeletal System</strong></td>
<td>NONE</td>
</tr>
<tr>
<td></td>
<td><strong>Nervous System</strong></td>
<td>NONE</td>
</tr>
</tbody>
</table>

* ..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:** 89002-04  
**Test Type:** 26-WEEK  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/TG.AC HEMI  
**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:08:02  
**First Dose M/F:** NA / NA  
**Lab:** ILS
Experiment Number: 89002-04
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic LECM (Pentachlorophenol)
CAS Number: 87-86-5

Date Report Requested: 10/23/2014
Time Report Requested: 10:08:02
First Dose M/F: NA / NA
Lab: ILS

DAY ON TEST
TG.AC HEMI Mouse Female
0.75 MG

ANIMAL ID

<table>
<thead>
<tr>
<th>Respiratory System</th>
<th>*TOTALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Special Senses System</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Urinary System</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
</tr>
</tbody>
</table>

SYSTEMIC LESIONS

| Multiple Organ | 0       |

* ..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
DAY ON TEST

TG.AC HEMI Mouse Female
1.5 MG

ANIMAL ID

Alimentary System
  NONE
Cardiovascular System
  NONE
Endocrine System
  NONE
General Body System
  NONE
Genital System
  NONE
Hematopoietic System
  NONE
Integumentary System
  NONE
Musculoskeletal System
  NONE
Nervous System
  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
DAY ON TEST

TG.AC HEMI Mouse Female
1.5 MG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

* ..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: 89002-04
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Transgenic LECM (Pentachlorophenol)
CAS Number: 87-86-5

Date Report Requested: 10/23/2014
Time Report Requested: 10:08:02
First Dose M/F: NA / NA
Lab: ILS

**Day on Test**

<table>
<thead>
<tr>
<th>TG.AC HEMI Mouse Female</th>
<th>3.0 MG</th>
<th>ANIMAL ID</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>7</td>
</tr>
</tbody>
</table>

**Alimentary System**

- Liver: + + + + + + + 9
- Salivary Glands: + + + + + + + 9
- Stomach, Forestomach: + + + + + + + 9
- Squamous Cell Papilloma: X X 2
- Stomach, Glandular: + + + + + + + 9
- Tongue: + 1
- Squamous Cell Carcinoma: X 1

**Cardiovascular System**

NONE

**Endocrine System**

- Adrenal Cortex: + + + + + + + 9
- Adrenal Medulla: + + + + + + + 9
- Pituitary Gland: + + + + + + + 9
- Thyroid Gland: + + + + + + + 9

**General Body System**

NONE

**Genital System**

- Ovary: + + 2

* ..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: 89002-04
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Test Compound: Transgenic LECM (Pentachlorophenol)
CAS Number: 87-86-5

**DATE REPORT REQUESTED:** 10/23/2014
**TIME REPORT REQUESTED:** 10:08:02
**FIRST DOSE M/F:** NA / NA
**LAB:** ILS

<table>
<thead>
<tr>
<th>DAY ON TEST</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>TG.AC HEMI Mouse Female</td>
<td>3.0 MG</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

**Hematopoietic System**

- **Lymph Node**
  - +
  - **Inguinal, Sarcoma**
    - X
  - **Lymph Node, Mandibular**
    - + + + + + + + + 9
  - **Lymph Node, Mesenteric**
    - +
  - **Spleen**
    - + + + + + + + + 9
  - **Thymus**
    - M + + + + + + + + 8

**Integumentary System**

- **Mammary Gland**
  - + + + + + + + + 9
- **Skin**
  - + + + + + + + + 9
- **SOA, Sarcoma**
  - X
- **SOA, Squamous Cell Papilloma**
  - X X X X X X

**Musculoskeletal System**

- **NONE**

**Nervous System**

- **NONE**

**Respiratory System**

- **Lung**
  - + + + + + + + + 9

**Special Senses System**

* ..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
#### DAY ON TEST

<table>
<thead>
<tr>
<th></th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TG.AC HEMI Mouse Female</strong></td>
<td>6</td>
<td>8</td>
<td>8</td>
<td>3</td>
<td>8</td>
<td>8</td>
<td>3</td>
<td>8</td>
<td>8</td>
<td>0</td>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td><strong>3.0 MG</strong></td>
<td>9</td>
<td>7</td>
<td>7</td>
<td>9</td>
<td>7</td>
<td>7</td>
<td>9</td>
<td>7</td>
<td>7</td>
<td>4</td>
<td>4</td>
<td>7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANIMAL ID</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>TOTALS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
</tr>
<tr>
<td>Urinary System</td>
</tr>
<tr>
<td>Kidney</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SYSTEMIC LESIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple Organ</td>
</tr>
</tbody>
</table>

**END OF REPORT**