

**Experiment Number:** 93027-14  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** Peroxisome project (Dibutyl phthalate)

**CAS Number:** 84-74-2

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 02:10:29

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

**Lab:** BAT

|                             |            |
|-----------------------------|------------|
| <b>C Number:</b>            | C93027A    |
| <b>Lock Date:</b>           | 06/12/1996 |
| <b>Cage Range:</b>          | All        |
| <b>Date Range:</b>          | All        |
| <b>Reasons For Removal:</b> | All        |
| <b>Removal Date Range:</b>  | All        |
| <b>Treatment Groups:</b>    | All        |
| <b>Study Gender:</b>        | Male       |
| <b>PWG Approval Date</b>    | NONE       |

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

**B6C3F1 Mouse Male**  
**0 PPM**

| 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 |
|             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
|             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |   |   |

**\*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 |

**Cardiovascular System**

|       |   |   |   |   |   |   |   |   |   |   |    |
|-------|---|---|---|---|---|---|---|---|---|---|----|
| Heart | + | + | + | + | + | + | + | + | + | + | 10 |
|-------|---|---|---|---|---|---|---|---|---|---|----|

**Endocrine System**

|                    |   |   |   |   |   |   |   |   |   |   |    |
|--------------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex     | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla    | + | + | + | + | + | + | + | + | + | + | 10 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | 10 |
| Parathyroid Gland  | + | + | + | M | + | + | + | + | M | + | 8  |

\* ..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: 93027-14

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Test Compound: Peroxisome project (Dibutyl phthalate)

Time Report Requested: 02:10:29

Route: DOSED FEED

CAS Number: 84-74-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

| B6C3F1 Mouse Male<br>0 PPM    | 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 | 2 |         |
|                               | 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 | 1 |         |
|                               | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| Pituitary Gland               | +           | + | + | + | + | + | + | + | M | + | 9       |
| 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>   |             |   |   |   |   |   |   |   |   |   |         |
| 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                          | +           | + | + | M | + | + | + | + | + | + | 9       |
| <b>Musculoskeletal System</b> |             |   |   |   |   |   |   |   |   |   |         |
| Bone                          | +           | + | + | + | + | + | + | + | + | + | 10      |

\* ..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

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First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|  |             |   |   |   |   |   |   |   |   |   |   |                |
|--|-------------|---|---|---|---|---|---|---|---|---|---|----------------|
| <b>B6C3F1 Mouse Male</b><br><b>0 PPM</b> | 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 | <b>*TOTALS</b> |
|  | 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 | 1 |   |                |
|  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |   |                |

**Nervous System**

|       |   |   |   |   |   |   |   |   |   |   |    |
|-------|---|---|---|---|---|---|---|---|---|---|----|
| Brain | + | + | + | + | + | + | + | + | + | + | 10 |
|-------|---|---|---|---|---|---|---|---|---|---|----|

**Respiratory System**

|      |   |   |   |   |   |   |   |   |   |   |    |
|------|---|---|---|---|---|---|---|---|---|---|----|
| Lung | + | + | + | + | + | + | + | + | + | + | 10 |
|------|---|---|---|---|---|---|---|---|---|---|----|

|      |   |   |   |   |   |   |   |   |   |   |    |
|------|---|---|---|---|---|---|---|---|---|---|----|
| Nose | + | + | + | + | + | + | + | + | + | + | 10 |
|------|---|---|---|---|---|---|---|---|---|---|----|

|         |   |   |   |   |   |   |   |   |   |   |    |
|---------|---|---|---|---|---|---|---|---|---|---|----|
| Trachea | + | + | + | + | + | + | + | + | + | + | 10 |
|---------|---|---|---|---|---|---|---|---|---|---|----|

**Special Senses System**

NONE

**Urinary System**

|        |   |   |   |   |   |   |   |   |   |   |    |
|--------|---|---|---|---|---|---|---|---|---|---|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | 10 |
|--------|---|---|---|---|---|---|---|---|---|---|----|

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | 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

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|                               |             |   |   |   |   |   |   |   |   |   |   |         |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| B6C3F1 Mouse Male<br>1000 PPM | 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 |         |
|                               | ANIMAL ID   | 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 |         |
|                               |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|                               |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |         |
|                               |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

Alimentary System

|          |   |   |   |   |   |   |   |   |   |   |    |
|----------|---|---|---|---|---|---|---|---|---|---|----|
| Liver    | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | 10 |

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Preputial Gland | + | + | + | + | I | + | + | + | I | I | 7  |
| Testes          | + | + | + | + | + | + | + | + | + | + | 10 |

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

\* ..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

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First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|                               |             |         |   |   |   |   |   |   |   |   |   |
|-------------------------------|-------------|---------|---|---|---|---|---|---|---|---|---|
| B6C3F1 Mouse Male<br>1000 PPM | 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 |   |
|                               |             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |
|                               |             | 1       | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |   |
|                               |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |   |
|                               |             | *TOTALS |   |   |   |   |   |   |   |   |   |

Nervous System

NONE

Respiratory System

NONE

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

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Lab: BAT

|   |             |                |   |   |   |   |   |   |   |   |   |
|---|-------------|----------------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Male</b><br><b>2500 PPM</b> | 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 |
|   |             | 2              | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|   |             | 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**

|          |   |   |   |   |   |   |   |   |   |   |    |
|----------|---|---|---|---|---|---|---|---|---|---|----|
| Liver    | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Testes          | + | + | + | + | + | + | + | + | + | + | 10 |

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

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

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

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I ..Insufficient tissue

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Lab: BAT

|   |             |         |   |   |   |   |   |   |   |   |   |
|---|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Male</b><br><b>2500 PPM</b> | 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 |   |
|   |             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |
|   |             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |   |
|   |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|   |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Nervous System**

NONE

**Respiratory System**

NONE

**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

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|   |             |         |   |   |   |   |   |   |   |   |   |
|---|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Male</b><br><b>5000 PPM</b> | 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 |   |
|   |             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |
|   |             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |   |
|   |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|   |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|          |   |   |   |   |   |   |   |   |   |   |    |
|----------|---|---|---|---|---|---|---|---|---|---|----|
| Liver    | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Testes          | + | + | + | + | + | + | + | + | + | + | 10 |

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

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

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+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

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Species/Strain: Mouse/B6C3F1

Lab: BAT

|   |             |         |   |   |   |   |   |   |   |   |   |
|---|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Male</b><br><b>5000 PPM</b> | 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 |   |
|   |             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |
|   |             | 3       | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |   |
|   |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|   |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Nervous System**

NONE

**Respiratory System**

NONE

**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: 93027-14

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/22/2014

Test Type: 90-DAY

Test Compound: Peroxisome project (Dibutyl phthalate)

Time Report Requested: 02:10:29

Route: DOSED FEED

CAS Number: 84-74-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|   |             |         |   |   |   |   |   |   |   |   |   |
|---|-------------|---------|---|---|---|---|---|---|---|---|---|
| <b>B6C3F1 Mouse Male</b><br><b>10,000 PPM</b> | 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 |
|   |             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|   |             | 4       | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
|   |             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|   |             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Alimentary System**

|          |   |   |   |   |   |   |   |   |   |   |    |
|----------|---|---|---|---|---|---|---|---|---|---|----|
| Liver    | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | 10 |

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

|                 |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Testes          | + | + | + | + | + | + | + | + | + | + | 10 |

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

\* ..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: 93027-14  
 Test Type: 90-DAY  
 Route: DOSED FEED  
 Species/Strain: Mouse/B6C3F1

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

Test Compound: Peroxisome project (Dibutyl phthalate)  
 CAS Number: 84-74-2

Date Report Requested: 10/22/2014  
 Time Report Requested: 02:10:29  
 First Dose M/F: NA / NA  
 Lab: BAT

**B6C3F1 Mouse Male**  
**10,000 PPM**

| 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 |
|             | 2       | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|             | 4       | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
|             | 1       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|             | *TOTALS |   |   |   |   |   |   |   |   |   |

**Nervous System**

NONE

**Respiratory System**

NONE

**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: 93027-14

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/22/2014

Test Type: 90-DAY

Test Compound: Peroxisome project (Dibutyl phthalate)

Time Report Requested: 02:10:29

Route: DOSED FEED

CAS Number: 84-74-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

|   |             |   |   |   |   |   |   |   |   |   |   |         |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| <b>B6C3F1 Mouse Male</b><br><b>20,000 PPM</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|   |             | 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 |         |
|   |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|   |             | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |         |
|   |             | 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   | + | + | + | + | + | + | + | + | + | M | 9  |
| 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 |

**Cardiovascular System**

|       |   |   |   |   |   |   |   |   |   |   |    |
|-------|---|---|---|---|---|---|---|---|---|---|----|
| Heart | + | + | + | + | + | + | + | + | + | + | 10 |
|-------|---|---|---|---|---|---|---|---|---|---|----|

**Endocrine System**

|                    |   |   |   |   |   |   |   |   |   |   |    |
|--------------------|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex     | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla    | + | + | + | + | + | + | + | + | + | + | 10 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | 10 |
| Parathyroid Gland  | + | + | + | + | + | I | + | + | + | + | 9  |

\* ..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: 93027-14

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/22/2014

Test Type: 90-DAY

Test Compound: Peroxisome project (Dibutyl phthalate)

Time Report Requested: 02:10:29

Route: DOSED FEED

CAS Number: 84-74-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

| B6C3F1 Mouse Male<br>20,000 PPM | 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 |         |
|                                 |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |         |
|                                 |             | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |         |
|                                 |             | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |         |
| 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>     |             |   |   |   |   |   |   |   |   |   |   |         |
| 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      |
| <b>Musculoskeletal System</b>   |             |   |   |   |   |   |   |   |   |   |   |         |
| Bone                            |             | + | + | + | + | + | + | + | + | + | + | 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: 93027-14

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/22/2014

Test Type: 90-DAY

Test Compound: Peroxisome project (Dibutyl phthalate)

Time Report Requested: 02:10:30

Route: DOSED FEED

CAS Number: 84-74-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

| B6C3F1 Mouse Male<br>20,000 PPM | 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 | 0 |           |         |
|                                 | 9           | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0         | 0       |
|                                 | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0         | 0       |
|                                 | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0         | 0       |
|                                 | 5           | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 0         | 6       |
|                                 | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 | 1         | 0       |
| Skeletal Muscle                 |             |   |   |   |   |   |   |   |   |   |   | +         | 1       |
| <b>Nervous System</b>           |             |   |   |   |   |   |   |   |   |   |   |           |         |
| Brain                           |             |   |   |   |   |   |   |   |   |   |   | +         | 10      |
| <b>Respiratory System</b>       |             |   |   |   |   |   |   |   |   |   |   |           |         |
| Lung                            |             |   |   |   |   |   |   |   |   |   |   | +         | 10      |
| Nose                            |             |   |   |   |   |   |   |   |   |   |   | +         | 10      |
| Trachea                         |             |   |   |   |   |   |   |   |   |   |   | +         | 10      |
| <b>Special Senses System</b>    |             |   |   |   |   |   |   |   |   |   |   |           |         |
| NONE                            |             |   |   |   |   |   |   |   |   |   |   |           |         |
| <b>Urinary System</b>           |             |   |   |   |   |   |   |   |   |   |   |           |         |
| Kidney                          |             |   |   |   |   |   |   |   |   |   |   | +         | 10      |
| Urinary Bladder                 |             |   |   |   |   |   |   |   |   |   |   | +         | 10      |
| <b>SYSTEMIC LESIONS</b>         |             |   |   |   |   |   |   |   |   |   |   |           |         |
| Multiple Organ                  |             |   |   |   |   |   |   |   |   |   |   | +         | 10      |

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

\* ..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:** 93027-14

**Test Type:** 90-DAY

**Route:** DOSED FEED

**Species/Strain:** Mouse/B6C3F1

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** Peroxisome project (Dibutyl phthalate)

**CAS Number:** 84-74-2

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 02:10:30

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

**Lab:** BAT

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

\* ..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