Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:15:36
First Dose M/F: NA / NA
Lab: BAT

C Number: C93027A
Lock Date: 06/12/1996
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male
PWG Approval Date: NONE
### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

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

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**Experiment Number:** 93027-11

**Test Type:** 90-DAY

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**Date Requested:** 10/23/2014

**Time Requested:** 06:15:36

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

**Lab:** BAT

**Total Animals Examined:** 10

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*TOTALS*

**Alimentary System**

- **Esophagus:** + + + + + + + + + 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
- **Infiltration Cellular, Mononuclear Cl:** 1 1 1 1 1 5 1.0

**Cardiovascular System**

- **Heart:** + + + + + + + + + 10
- **Infiltration Cellular, Mononuclear Cl:** 2 1 2.0

**Endocrine System**

- **Adrenal Cortex:** + + + + + + + + + 10
- **Adrenal Medulla:** + + + + + + + + + 10
- **Islets, Pancreatic:** + + + + + + + + + 10

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
1-4 ..Lesion qualified as:
X ..Lesion present
A ..Autolysis precludes evaluation
1) Minimal 3) Moderate
I ..Insufficient tissue
BLANK ..Not examined microscopically
2) Mild 4) Marked
### Experiment Number: 93027-11  
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**Lab:** BAT

#### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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**HSD Rat Male**  
**0 PPM**

| General Body System |  
|---------------------|---|
| **NONE**            |   |

| Genital System |  
|----------------|---|
| Epididymis     | + | + | + | + | + | + | + | + | + | 10 |
| Preputial Gland| + | + | + | + | + | + | + | + | + | 10 |
| Inflammation, Chronic | 1 | 2 | 2 | 1 | 3 | 1 | 3 | 4 | 3 | 2 | 10 |
| Prostate       | + | + | + | + | + | + | + | + | + | 10 |
| Seminal Vesicle| + | + | + | + | + | + | + | + | + | 10 |
| Testes         | + | + | + | + | + | + | + | + | + | 10 |

| Hematopoietic System |  
|----------------------|---|
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | 10 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | M | + | 9 |
| Spleen               | + | + | + | + | + | + | + | + | + | 10 |
| Thymus               | + | + | + | + | + | + | + | + | + | 10 |

| Integumentary System |  
|----------------------|---|
| Mammary Gland        | + | + | + | + | + | + | + | + | + | 10 |
| Skin                 | + | + | + | + | + | + | + | + | + | 10 |

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M ..Missing tissue  
X ..Lesion present  
A ..Autolysis precludes evaluation  
I ..Insufficient tissue  
BLANK ..Not examined microscopically  
1-4 ..Lesion qualified as:  
1) Minimal  
2) Mild  
3) Moderate  
4) Marked

---

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**Musculoskeletal System**

| Bone | + | + | + | + | + | + | + | + | + | 10 |

**Nervous System**

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

**Respiratory System**

| Lung | + | + | + | + | + | + | + | + | + | 10 |
|      | 2 | 1 | 2.0 |
| Hemorrhage, Focal |
| Nose | + | + | + | + | + | + | + | + | + | 10 |
| Trachea | + | + | + | + | + | + | + | + | + | 10 |

**Special Senses System**

| NONE |

**Urinary System**

| Kidney | + | + | + | + | + | + | + | + | + | 10 |
|        | 1 | 1 | 1 | 1 | 9 | 1.0 |
| Nephropathy |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | 10 |

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Lab: BAT

**DAY ON TEST**

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**Alimentary System**

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<td>+ + + + + + + + + + 10</td>
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<td>Infiltration Cellular, Mononuclear Cl</td>
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**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Preputial Gland + + + + + + + + + + 10
Inflammation, Chronic 1 1 2 2 1 1 3 7 1.6
Testes + + + + + + + + + + 10
Atrophy 1 1 1.0

**Hematopoietic System**

NONE

**Integumentary System**

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Day on Test

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HSD Rat Male
1000 PPM

ANIMAL ID

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

*TOTALS

None

Musculoskeletal System
NONE

Nervous System
NONE

Respiratory System
NONE

Special Senses System
NONE

Urinary System

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<td>+ + + + + + + + 10</td>
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<td>1 1 1 1 1 1 1 7 1.0</td>
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## Alimentary System

- **Liver**: + + + + + + + + + + 10
- **Infiltration Cellular, Mononuclear Cl**: 1 1 1 1 1 1 1 1 1 1 7 1.0
- **Pancreas**: + + + + + + + + + + + + + + 10
- **Atrophy, Focal**: 1 1 1.0

## Cardiovascular System

**NONE**

## Endocrine System

**NONE**

## General Body System

**NONE**

## Genital System

- **Preputial Gland**: + + + + + + + + + + 10
- **Inflammation, Chronic**: 2 2 2 2 1 2 3 1 8 1.9
- **Testes**: + + + + + + + + + + + 10
- **Atrophy**: 1 1 1.0

## Hematopoietic System

**NONE**

## Integumentary System

---

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

**Lab:** BAT

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### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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**Nephropathy**

| Nephropathy | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | 1.0 |

---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

I ..Insufficient tissue

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Page 8
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First Dose M/F: NA / NA
Lab: BAT

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Day on Test: 0 0 0 0 0 0 0 0 0 0

HSD Rat Male
5000 PPM

Animal ID
0 0 9 2 0 0 0 3 1 0
0 0 9 2 0 0 0 3 2 0
0 0 9 2 0 0 0 3 3 0
0 0 9 2 0 0 0 3 4 0
*TOTALS

Alimentary System
Liver
Infiltration Cellular, Mononuclear CI

Infiltration Cellular, Mononuclear CI
Pancreas

Cardiovascular System
None

Endocrine System
None

General Body System
None

Genital System
Preputial Gland
Inflammation, Chronic

Hematopoietic System
None

Integumentary System
None

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实验编号: 93027-11  
测试类型: 90-DAY  
途径: DOSED FEED  
物种/品系: Rat/HSD

测试化合物: Peroxisome project (Dibutyl phthalate)  
CAS编号: 84-74-2

日期报告要求: 10/23/2014  
时间报告要求: 06:15:36  
首次投予 M/F: NA / NA  
实验室: BAT

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*TOTALS

肌肉骨骼系统

- NONE

神经系统

- NONE

呼吸系统

- NONE

特殊感觉系统

- NONE

泌尿系统

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Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

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

Date Report Requested: 10/23/2014
Time Report Requested: 06:15:36
First Dose M/F: NA / NA
Lab: BAT

---

**Alimentary System**

- Liver: + + + + + + + + + 10
- Cytoplasmic Alteration: 2 2 2 2 2 2 2 2 2 2 10 2.0
- Infiltration Cellular, Mononuclear CI: 1 1 1 1 4 1.0
- Pancreas: + + + + + + + + + 10
- Atrophy, Focal: 1 1 1.0

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

- Preputial Gland: + + + + + + + + + 10
- Inflammation, Chronic: 1 2 2 3 2 2 2 2 2 2 9 2.1
- Testes: + + + + + + + + + 10
- Atrophy: 1 1 1.0

**Hematopoietic System**

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
M ..Missing tissue
1-4 ..Lesion qualified as:
X ..Lesion present
A ..Autolysis precludes evaluation
1) Minimal
I ..Insufficient tissue
BLANK ..Not examined microscopically
2) Mild
2) Mild
3) Moderate
4) Marked
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*TOTALS

### Integumentary System
- NONE

### Musculoskeletal System
- NONE

### Nervous System
- NONE

### Respiratory System
- NONE

### Special Senses System
- NONE

### Urinary System

#### Kidney
- + + + + + + + 10

#### Nephropathy
- 1 1 1 1 1 6 1.0

---

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**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

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

**Species/Strain:** Rat/HSD

**Route:** DOSED FEED

**Test Type:** 90-DAY

**Experiment Number:** 93027-11

**Date Report Requested:** 10/23/2014

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

**Lab:** BAT

---

### Alimentary System

<table>
<thead>
<tr>
<th>Tissue</th>
<th>Lesion Count</th>
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<tbody>
<tr>
<td>Esophagus</td>
<td>10</td>
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<tr>
<td>Intestine Large, Cecum</td>
<td>10</td>
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<tr>
<td>Intestine Large, Colon</td>
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<tr>
<td>Intestine Large, Rectum</td>
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<tr>
<td>Intestine Small, Duodenum</td>
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<td>Intestine Small, Ileum</td>
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<tr>
<td>Intestine Small, Jejunum</td>
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<tr>
<td>Liver</td>
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<tr>
<td>Cytoplasmic Alteration</td>
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<td>Infiltration Cellular, Mononuclear CI</td>
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<td>Pancreas</td>
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<td>Salivary Glands</td>
<td>10</td>
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<td>Stomach, Forestomach</td>
<td>10</td>
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<td>Stomach, Glandular</td>
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### Cardiovascular System

<table>
<thead>
<tr>
<th>Tissue</th>
<th>Lesion Count</th>
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<tbody>
<tr>
<td>Heart</td>
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### Endocrine System

<table>
<thead>
<tr>
<th>Tissue</th>
<th>Lesion Count</th>
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<tbody>
<tr>
<td>Adrenal Cortex</td>
<td>10</td>
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<td>Hypertrophy</td>
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<tr>
<td>Adrenal Medulla</td>
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</tbody>
</table>

---

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BLANK ..Not examined microscopically

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**DAY ON TEST**

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**HSD Rat Male**  
**20,000 PPM**

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</table>

***TOTALS***

- Islets, Pancreatic: + + + + + + + + + + 10
- Parathyroid Gland: + + + + + M + + M + 8
- Pituitary Gland: + + + + + + + + + + 10
- Thyroid Gland: + + + + + + + + + + 10

**General Body System**

- NONE

**Genital System**

- Epididymis: + + + + + + + + + + 10
- Preputial Gland: + + + + + + + + + + 10
- Inflammation, Chronic: 2 3 2 1 3 1 1 2 1 2 10 1.8
- Prostate: + + + + + + + + + + 10
- Seminal Vesicle: + + + + + + + + + + 10
- Testes: + + + + + + + + + + 10
- Atrophy: 1 2 1 3 1.3

**Hematopoietic System**

- Lymph Node, Mandibular: + + + + + + + + + + 10
- Lymph Node, Mesenteric: + + + + + + + + + + 10
- Spleen: + + + + + + + + + + 10
- Thymus: + + + + + + + + + + 10

**Integumentary System**

- Mammary Gland: + + + + + + + + + + 10

---

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**DAY ON TEST**

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<th>ANIMAL ID</th>
<th>Mammary Gland</th>
<th>Skin</th>
<th>Musculoskeletal System</th>
<th>Nervous System</th>
<th>Respiratory System</th>
<th>Special Senses System</th>
<th>Urinary System</th>
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<td>NONE</td>
<td>Urinary Bladder</td>
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**TOTALS**

- Mammary Gland: 10
- Skin: 10
- Musculoskeletal System: 10
- Nervous System: 10
- Respiratory System: 10
- Special Senses System: 10
- Urinary System: 10

**Notes:**

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***END OF MALE DATA***
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** END OF REPORT **