

**Experiment Number:** 20209 - 01  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
Pentabromodiphenyl oxide (technical) (DE 71)  
**CAS Number:** 32534-81-9

**Date Report Requested:** 07/23/2014  
**Time Report Requested:** 13:31:07  
**First Dose M/F:** 07/20/04 / 07/19/04  
**Lab:** SRI

F1\_Rev.1\_R2

**NTP Study Number:** C20209  
**Lock Date:** 12/07/2005  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.0\_001  
**PWG Approval Date:** NONE

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**SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF PENTABROMODIPHENYL OXIDE (TECHNICAL) (DE 71)**

**MALE RATS**

**Organ**

Epididymis

Heart

Liver: Hepatocyte

Lung

Lung: Alveolar Epithelium

Stomach, Glandular

Thyroid Gland: Follicle

**FEMALE RATS**

**Organ**

Eye

Liver

Liver: Hepatocyte

Lung

Stomach, Glandular

Thymus

Thyroid Gland: Follicle

**Morphology**

Hypospermia

Cardiomyopathy

Hypertrophy

Vacuolization Cytoplasmic

Inflammation Chronic

Hyperplasia

Erosion

Hypertrophy

**Morphology**

Developmental Malformation

Basophilic Focus

Hypertrophy

Vacuolization Cytoplasmic

Inflammation Chronic

Erosion

Atrophy

Hypertrophy

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                     | Males     |            |          |          |           |           |
|--|-----------|------------|----------|----------|-----------|-----------|
|  | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Adrenal Cortex</b>                    |           |            |          |          |           |           |
| <b>Accessory Adrenal Cortical Nodule</b> |           |            |          |          |           |           |
| <b>LESION RATES</b>                      |           |            |          |          |           |           |
| OVERALL (a)                              | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/2 (0%)  | 0/10 (0%) |
| POLY-3 RATE (b)                          | 0/10.00   | 0/0.00     | 0/0.00   | 0/0.00   | 0/2.00    | 0/10.00   |
| POLY-3 PERCENT (g)                       | 0%        | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)                             | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/2 (0%)  | 0/10 (0%) |
| FIRST INCIDENCE                          | ---       | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>                 |           |            |          |          |           |           |
| POLY 3                                   | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 1.5                                 | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 6                                   | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| COCH-ARM / FISHERS                       | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| MAX-ISO-POLY-3                           | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                               | Males     |            |          |          |           |            |
|------------------------------------|-----------|------------|----------|----------|-----------|------------|
|                                    | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG  |
| <b>Bone Marrow<br/>Hyperplasia</b> |           |            |          |          |           |            |
| <b>LESION RATES</b>                |           |            |          |          |           |            |
| OVERALL (a)                        | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 2/10 (20%) |
| POLY-3 RATE (b)                    | 0/10.00   | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 2/10.00    |
| POLY-3 PERCENT (g)                 | 0%        | 0%         | 0%       | 0%       | 0%        | 20%        |
| TERMINAL (d)                       | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 2/10 (20%) |
| FIRST INCIDENCE                    | ---       | ---        | ---      | ---      | ---       | 93 (T)     |
| <b>STATISTICAL TESTS</b>           |           |            |          |          |           |            |
| POLY 3                             | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.227    |
| POLY 1.5                           | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.227    |
| POLY 6                             | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.227    |
| COCH-ARM / FISHERS                 | P=0.186   | (e)        | (e)      | (e)      | (e)       | P=0.237    |
| MAX-ISO-POLY-3                     | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.066    |

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Males     |            |           |           |           |            |
|--------------------------|-----------|------------|-----------|-----------|-----------|------------|
|                          | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG | 500 MG/KG  |
| <b>Epididymis</b>        |           |            |           |           |           |            |
| <b>Hypospermia</b>       |           |            |           |           |           |            |
| <b>LESION RATES</b>      |           |            |           |           |           |            |
| OVERALL (a)              | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 9/10 (90%) |
| POLY-3 RATE (b)          | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 0/10.00   | 9/10.00    |
| POLY-3 PERCENT (g)       | 0%        | 0%         | 0%        | 0%        | 0%        | 90%        |
| TERMINAL (d)             | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 9/10 (90%) |
| FIRST INCIDENCE          | ---       | ---        | ---       | ---       | ---       | 93 (T)     |
| <b>STATISTICAL TESTS</b> |           |            |           |           |           |            |
| POLY 3                   | P<0.001** | (e)        | (e)       | (e)       | (e)       | P<0.001**  |
| POLY 1.5                 | P<0.001** | (e)        | (e)       | (e)       | (e)       | P<0.001**  |
| POLY 6                   | P<0.001** | (e)        | (e)       | (e)       | (e)       | P<0.001**  |
| COCH-ARM / FISHERS       | P<0.001** | (e)        | (e)       | (e)       | (e)       | P<0.001**  |
| MAX-ISO-POLY-3           | P<0.001** | (e)        | (e)       | (e)       | (e)       | P<0.001**  |

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                              | Males     |            |          |          |           |           |
|-----------------------------------|-----------|------------|----------|----------|-----------|-----------|
|                                   | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Eye</b>                        |           |            |          |          |           |           |
| <b>Developmental Malformation</b> |           |            |          |          |           |           |
| <b>LESION RATES</b>               |           |            |          |          |           |           |
| OVERALL (a)                       | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| POLY-3 RATE (b)                   | 0/10.00   | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 0/10.00   |
| POLY-3 PERCENT (g)                | 0%        | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)                      | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| FIRST INCIDENCE                   | ---       | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>          |           |            |          |          |           |           |
| POLY 3                            | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 1.5                          | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 6                            | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| COCH-ARM / FISHERS                | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| MAX-ISO-POLY-3                    | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE  | Males      |            |          |          |           |           |
|---|------------|------------|----------|----------|-----------|-----------|
|   | 0 MG/KG    | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Harderian Gland<br/>Inflammation Chronic</b> |            |            |          |          |           |           |
| <b>LESION RATES</b>                             |            |            |          |          |           |           |
| OVERALL (a)                                     | 1/10 (10%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| POLY-3 RATE (b)                                 | 1/10.00    | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 0/10.00   |
| POLY-3 PERCENT (g)                              | 10%        | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)                                    | 1/10 (10%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| FIRST INCIDENCE                                 | 93 (T)     | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>                        |            |            |          |          |           |           |
| POLY 3  | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| POLY 1.5  | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| POLY 6  | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| COCH-ARM / FISHERS                              | P=0.419N   | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| MAX-ISO-POLY-3                                  | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.158N  |

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                      | Males      |            |          |          |           |           |
|---------------------------|------------|------------|----------|----------|-----------|-----------|
|                           | 0 MG/KG    | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Heart</b>              |            |            |          |          |           |           |
| <b>Cardiomyopathy</b>     |            |            |          |          |           |           |
| <b>LESION RATES</b>       |            |            |          |          |           |           |
| <b>OVERALL (a)</b>        | 3/10 (30%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| <b>POLY-3 RATE (b)</b>    | 3/10.00    | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 0/10.00   |
| <b>POLY-3 PERCENT (g)</b> | 30%        | 0%         | 0%       | 0%       | 0%        | 0%        |
| <b>TERMINAL (d)</b>       | 3/10 (30%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| <b>FIRST INCIDENCE</b>    | 93 (T)     | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>  |            |            |          |          |           |           |
| <b>POLY 3</b>             | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.095N  |
| <b>POLY 1.5</b>           | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.095N  |
| <b>POLY 6</b>             | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.095N  |
| <b>COCH-ARM / FISHERS</b> | P=0.084N   | (e)        | (e)      | (e)      | (e)       | P=0.105N  |
| <b>MAX-ISO-POLY-3</b>     | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.025N* |



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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE  | Males     |            |          |          |           |           |
|---|-----------|------------|----------|----------|-----------|-----------|
|   | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Kidney</b>                                 |           |            |          |          |           |           |
| <b>Infiltration Cellular Mononuclear Cell</b> |           |            |          |          |           |           |
| <b>LESION RATES</b>                           |           |            |          |          |           |           |
| OVERALL (a)                                   | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| POLY-3 RATE (b)                               | 0/10.00   | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 0/10.00   |
| POLY-3 PERCENT (g)                            | 0%        | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)                                  | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| FIRST INCIDENCE                               | ---       | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>                      |           |            |          |          |           |           |
| POLY 3  | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 1.5                                      | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 6  | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| COCH-ARM / FISHERS                            | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| MAX-ISO-POLY-3                                | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Males      |            |          |          |           |            |
|--------------------------|------------|------------|----------|----------|-----------|------------|
|                          | 0 MG/KG    | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG  |
| <b>Kidney</b>            |            |            |          |          |           |            |
| <b>Nephropathy</b>       |            |            |          |          |           |            |
| <b>LESION RATES</b>      |            |            |          |          |           |            |
| OVERALL (a)              | 1/10 (10%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 2/10 (20%) |
| POLY-3 RATE (b)          | 1/10.00    | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 2/10.00    |
| POLY-3 PERCENT (g)       | 10%        | 0%         | 0%       | 0%       | 0%        | 20%        |
| TERMINAL (d)             | 1/10 (10%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 2/10 (20%) |
| FIRST INCIDENCE          | 93 (T)     | ---        | ---      | ---      | ---       | 93 (T)     |
| <b>STATISTICAL TESTS</b> |            |            |          |          |           |            |
| POLY 3                   | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500    |
| POLY 1.5                 | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500    |
| POLY 6                   | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500    |
| COCH-ARM / FISHERS       | P=0.450    | (e)        | (e)      | (e)      | (e)       | P=0.500    |
| MAX-ISO-POLY-3           | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.274    |

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Males     |            |           |           |           |           |
|--------------------------|-----------|------------|-----------|-----------|-----------|-----------|
|                          | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG | 500 MG/KG |
| <b>Liver</b>             |           |            |           |           |           |           |
| <b>Basophilic Focus</b>  |           |            |           |           |           |           |
| <b>LESION RATES</b>      |           |            |           |           |           |           |
| OVERALL (a)              | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) |
| POLY-3 RATE (b)          | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 0/10.00   | 0/10.00   |
| POLY-3 PERCENT (g)       | 0%        | 0%         | 0%        | 0%        | 0%        | 0%        |
| TERMINAL (d)             | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) |
| FIRST INCIDENCE          | ---       | ---        | ---       | ---       | ---       | ---       |
| <b>STATISTICAL TESTS</b> |           |            |           |           |           |           |
| POLY 3                   | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| POLY 1.5                 | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| POLY 6                   | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| COCH-ARM / FISHERS       | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| MAX-ISO-POLY-3           | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |

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Route: GAVAGE

Species/Strain: RATS/F 344/N

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Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                              | Males     |            |            |            |           |            |
|-----------------------------------|-----------|------------|------------|------------|-----------|------------|
|                                   | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG    | 50 MG/KG   | 100 MG/KG | 500 MG/KG  |
| <b>Liver</b>                      |           |            |            |            |           |            |
| <b>Hepatodiaphragmatic Nodule</b> |           |            |            |            |           |            |
| <b>LESION RATES</b>               |           |            |            |            |           |            |
| OVERALL (a)                       | 0/10 (0%) | 0/10 (0%)  | 1/10 (10%) | 1/10 (10%) | 0/10 (0%) | 1/10 (10%) |
| POLY-3 RATE (b)                   | 0/10.00   | 0/10.00    | 1/10.00    | 1/10.00    | 0/10.00   | 1/10.00    |
| POLY-3 PERCENT (g)                | 0%        | 0%         | 10%        | 10%        | 0%        | 10%        |
| TERMINAL (d)                      | 0/10 (0%) | 0/10 (0%)  | 1/10 (10%) | 1/10 (10%) | 0/10 (0%) | 1/10 (10%) |
| FIRST INCIDENCE                   | ---       | ---        | 93 (T)     | 93 (T)     | ---       | 93 (T)     |
| <b>STATISTICAL TESTS</b>          |           |            |            |            |           |            |
| POLY 3                            | P=0.465   | (e)        | P=0.500    | P=0.500    | (e)       | P=0.500    |
| POLY 1.5                          | P=0.465   | (e)        | P=0.500    | P=0.500    | (e)       | P=0.500    |
| POLY 6                            | P=0.465   | (e)        | P=0.500    | P=0.500    | (e)       | P=0.500    |
| COCH-ARM / FISHERS                | P=0.464   | (e)        | P=0.500    | P=0.500    | (e)       | P=0.500    |
| MAX-ISO-POLY-3                    | P=0.158   | (e)        | P=0.158    | P=0.158    | (e)       | P=0.158    |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Males     |            |           |            |            |            |
|--------------------------|-----------|------------|-----------|------------|------------|------------|
|                          | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG   | 100 MG/KG  | 500 MG/KG  |
| <b>Liver</b>             |           |            |           |            |            |            |
| <b>Necrosis Focal</b>    |           |            |           |            |            |            |
| <b>LESION RATES</b>      |           |            |           |            |            |            |
| OVERALL (a)              | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 1/10 (10%) | 2/10 (20%) | 1/10 (10%) |
| POLY-3 RATE (b)          | 0/10.00   | 0/10.00    | 0/10.00   | 1/10.00    | 2/10.00    | 1/10.00    |
| POLY-3 PERCENT (g)       | 0%        | 0%         | 0%        | 10%        | 20%        | 10%        |
| TERMINAL (d)             | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 1/10 (10%) | 2/10 (20%) | 1/10 (10%) |
| FIRST INCIDENCE          | ---       | ---        | ---       | 93 (T)     | 93 (T)     | 93 (T)     |
| <b>STATISTICAL TESTS</b> |           |            |           |            |            |            |
| POLY 3                   | P=0.372   | (e)        | (e)       | P=0.500    | P=0.227    | P=0.500    |
| POLY 1.5                 | P=0.372   | (e)        | (e)       | P=0.500    | P=0.227    | P=0.500    |
| POLY 6                   | P=0.372   | (e)        | (e)       | P=0.500    | P=0.227    | P=0.500    |
| COCH-ARM / FISHERS       | P=0.371   | (e)        | (e)       | P=0.500    | P=0.237    | P=0.500    |
| MAX-ISO-POLY-3           | P=0.090   | (e)        | (e)       | P=0.158    | P=0.066    | P=0.158    |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                 | Males     |            |            |              |              |              |
|--------------------------------------|-----------|------------|------------|--------------|--------------|--------------|
|                                      | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG    | 50 MG/KG     | 100 MG/KG    | 500 MG/KG    |
| <b>Liver: Hepatocyte Hypertrophy</b> |           |            |            |              |              |              |
| <b>LESION RATES</b>                  |           |            |            |              |              |              |
| <b>OVERALL (a)</b>                   | 0/10 (0%) | 0/10 (0%)  | 9/10 (90%) | 10/10 (100%) | 10/10 (100%) | 10/10 (100%) |
| <b>POLY-3 RATE (b)</b>               | 0/10.00   | 0/10.00    | 9/10.00    | 10/10.00     | 10/10.00     | 10/10.00     |
| <b>POLY-3 PERCENT (g)</b>            | 0%        | 0%         | 90%        | 100%         | 100%         | 100%         |
| <b>TERMINAL (d)</b>                  | 0/10 (0%) | 0/10 (0%)  | 9/10 (90%) | 10/10 (100%) | 10/10 (100%) | 10/10 (100%) |
| <b>FIRST INCIDENCE</b>               | ---       | ---        | 93 (T)     | 93 (T)       | 93 (T)       | 93 (T)       |
| <b>STATISTICAL TESTS</b>             |           |            |            |              |              |              |
| <b>POLY 3</b>                        | P<0.001** | (e)        | P<0.001**  | P<0.001**    | P<0.001**    | P<0.001**    |
| <b>POLY 1.5</b>                      | P<0.001** | (e)        | P<0.001**  | P<0.001**    | P<0.001**    | P<0.001**    |
| <b>POLY 6</b>                        | P<0.001** | (e)        | P<0.001**  | P<0.001**    | P<0.001**    | P<0.001**    |
| <b>COCH-ARM / FISHERS</b>            | P<0.001** | (e)        | P<0.001**  | P<0.001**    | P<0.001**    | P<0.001**    |
| <b>MAX-ISO-POLY-3</b>                | P<0.001** | (e)        | P<0.001**  | (e)          | (e)          | (e)          |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE   | Males     |            |           |              |              |              |
|--|-----------|------------|-----------|--------------|--------------|--------------|
|  | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG     | 100 MG/KG    | 500 MG/KG    |
| <b>Liver: Hepatocyte<br/>Vacuolization Cytoplasmic</b> |           |            |           |              |              |              |
| <b>LESION RATES</b>                                    |           |            |           |              |              |              |
| <b>OVERALL (a)</b>                                     | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 10/10 (100%) | 10/10 (100%) | 10/10 (100%) |
| <b>POLY-3 RATE (b)</b>                                 | 0/10.00   | 0/10.00    | 0/10.00   | 10/10.00     | 10/10.00     | 10/10.00     |
| <b>POLY-3 PERCENT (g)</b>                              | 0%        | 0%         | 0%        | 100%         | 100%         | 100%         |
| <b>TERMINAL (d)</b>                                    | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 10/10 (100%) | 10/10 (100%) | 10/10 (100%) |
| <b>FIRST INCIDENCE</b>                                 | ---       | ---        | ---       | 93 (T)       | 93 (T)       | 93 (T)       |
| <b>STATISTICAL TESTS</b>                               |           |            |           |              |              |              |
| <b>POLY 3</b>  | P<0.001** | (e)        | (e)       | P<0.001**    | P<0.001**    | P<0.001**    |
| <b>POLY 1.5</b>  | P<0.001** | (e)        | (e)       | P<0.001**    | P<0.001**    | P<0.001**    |
| <b>POLY 6</b>  | P<0.001** | (e)        | (e)       | P<0.001**    | P<0.001**    | P<0.001**    |
| <b>COCH-ARM / FISHERS</b>                              | P<0.001** | (e)        | (e)       | P<0.001**    | P<0.001**    | P<0.001**    |
| <b>MAX-ISO-POLY-3</b>                                  | (e)       | (e)        | (e)       | (e)          | (e)          | (e)          |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Males     |            |           |           |            |           |
|--------------------------|-----------|------------|-----------|-----------|------------|-----------|
|                          | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG  | 500 MG/KG |
| <b>Lung Hemorrhage</b>   |           |            |           |           |            |           |
| <b>LESION RATES</b>      |           |            |           |           |            |           |
| OVERALL (a)              | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 0/10 (0%) |
| POLY-3 RATE (b)          | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 1/10.00    | 0/10.00   |
| POLY-3 PERCENT (g)       | 0%        | 0%         | 0%        | 0%        | 10%        | 0%        |
| TERMINAL (d)             | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 0/10 (0%) |
| FIRST INCIDENCE          | ---       | ---        | ---       | ---       | 93 (T)     | ---       |
| <b>STATISTICAL TESTS</b> |           |            |           |           |            |           |
| POLY 3                   | P=0.858N  | (e)        | (e)       | (e)       | P=0.500    | (e)       |
| POLY 1.5                 | P=0.858N  | (e)        | (e)       | (e)       | P=0.500    | (e)       |
| POLY 6                   | P=0.858N  | (e)        | (e)       | (e)       | P=0.500    | (e)       |
| COCH-ARM / FISHERS       | P=0.860N  | (e)        | (e)       | (e)       | P=0.500    | (e)       |
| MAX-ISO-POLY-3           | P=0.193   | (e)        | (e)       | (e)       | P=0.158    | (e)       |



Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                    | Males     |            |           |           |            |            |
|---|-----------|------------|-----------|-----------|------------|------------|
|   | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG  | 500 MG/KG  |
| <b>Lung</b>                             |           |            |           |           |            |            |
| <b>Infiltration Cellular Histiocyte</b> |           |            |           |           |            |            |
| <b>LESION RATES</b>                     |           |            |           |           |            |            |
| OVERALL (a)                             | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 1/10 (10%) |
| POLY-3 RATE (b)                         | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 1/10.00    | 1/10.00    |
| POLY-3 PERCENT (g)                      | 0%        | 0%         | 0%        | 0%        | 10%        | 10%        |
| TERMINAL (d)                            | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 1/10 (10%) |
| FIRST INCIDENCE                         | ---       | ---        | ---       | ---       | 93 (T)     | 93 (T)     |
| <b>STATISTICAL TESTS</b>                |           |            |           |           |            |            |
| POLY 3                                  | P=0.236   | (e)        | (e)       | (e)       | P=0.500    | P=0.500    |
| POLY 1.5                                | P=0.236   | (e)        | (e)       | (e)       | P=0.500    | P=0.500    |
| POLY 6                                  | P=0.236   | (e)        | (e)       | (e)       | P=0.500    | P=0.500    |
| COCH-ARM / FISHERS                      | P=0.232   | (e)        | (e)       | (e)       | P=0.500    | P=0.500    |
| MAX-ISO-POLY-3                          | P=0.109   | (e)        | (e)       | (e)       | P=0.158    | P=0.158    |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                        | Males      |            |           |           |           |           |
|-----------------------------|------------|------------|-----------|-----------|-----------|-----------|
|                             | 0 MG/KG    | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG | 500 MG/KG |
| <b>Lung</b>                 |            |            |           |           |           |           |
| <b>Inflammation Chronic</b> |            |            |           |           |           |           |
| <b>LESION RATES</b>         |            |            |           |           |           |           |
| OVERALL (a)                 | 2/10 (20%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) |
| POLY-3 RATE (b)             | 2/10.00    | 0/10.00    | 0/10.00   | 0/10.00   | 0/10.00   | 0/10.00   |
| POLY-3 PERCENT (g)          | 20%        | 0%         | 0%        | 0%        | 0%        | 0%        |
| TERMINAL (d)                | 2/10 (20%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) |
| FIRST INCIDENCE             | 93 (T)     | ---        | ---       | ---       | ---       | ---       |
| <b>STATISTICAL TESTS</b>    |            |            |           |           |           |           |
| POLY 3                      | P=0.469N   | P=0.227N   | P=0.227N  | P=0.227N  | P=0.227N  | P=0.227N  |
| POLY 1.5                    | P=0.469N   | P=0.227N   | P=0.227N  | P=0.227N  | P=0.227N  | P=0.227N  |
| POLY 6                      | P=0.469N   | P=0.227N   | P=0.227N  | P=0.227N  | P=0.227N  | P=0.227N  |
| COCH-ARM / FISHERS          | P=0.471N   | P=0.237N   | P=0.237N  | P=0.237N  | P=0.237N  | P=0.237N  |
| MAX-ISO-POLY-3              | P=0.005N** | P=0.066N   | P=0.066N  | P=0.066N  | P=0.066N  | P=0.066N  |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE   | Males     |            |           |           |           |            |
|--|-----------|------------|-----------|-----------|-----------|------------|
|  | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG | 500 MG/KG  |
| <b>Lung: Alveolar Epithelium<br/>Hyperplasia</b> |           |            |           |           |           |            |
| <b>LESION RATES</b>                              |           |            |           |           |           |            |
| OVERALL (a)                                      | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) |
| POLY-3 RATE (b)                                  | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 0/10.00   | 1/10.00    |
| POLY-3 PERCENT (g)                               | 0%        | 0%         | 0%        | 0%        | 0%        | 10%        |
| TERMINAL (d)                                     | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) |
| FIRST INCIDENCE                                  | ---       | ---        | ---       | ---       | ---       | 93 (T)     |
| <b>STATISTICAL TESTS</b>                         |           |            |           |           |           |            |
| POLY 3   | P=0.142   | (e)        | (e)       | (e)       | (e)       | P=0.500    |
| POLY 1.5   | P=0.142   | (e)        | (e)       | (e)       | (e)       | P=0.500    |
| POLY 6   | P=0.142   | (e)        | (e)       | (e)       | (e)       | P=0.500    |
| COCH-ARM / FISHERS                               | P=0.140   | (e)        | (e)       | (e)       | (e)       | P=0.500    |
| MAX-ISO-POLY-3                                   | P=0.041*  | (e)        | (e)       | (e)       | (e)       | P=0.158    |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                      | Males    |            |          |            |            |           |
|---|----------|------------|----------|------------|------------|-----------|
|   | 0 MG/KG  | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG   | 100 MG/KG  | 500 MG/KG |
| <b>Lymph Node: Mediastinal Hemorrhage</b> |          |            |          |            |            |           |
| <b>LESION RATES</b>                       |          |            |          |            |            |           |
| OVERALL (a)                               | 0/0 (0%) | 0/1 (0%)   | 0/0 (0%) | 1/1 (100%) | 1/1 (100%) | 0/0 (0%)  |
| POLY-3 RATE (b)                           | 0/0.00   | 0/1.00     | 0/0.00   | 1/1.00     | 1/1.00     | 0/0.00    |
| POLY-3 PERCENT (g)                        | 0%       | 0%         | 0%       | 100%       | 100%       | 0%        |
| TERMINAL (d)                              | 0/0 (0%) | 0/1 (0%)   | 0/0 (0%) | 1/1 (100%) | 1/1 (100%) | 0/0 (0%)  |
| FIRST INCIDENCE                           | ---      | ---        | ---      | 93 (T)     | 93 (T)     | ---       |
| <b>STATISTICAL TESTS</b>                  |          |            |          |            |            |           |
| POLY 3                                    | (e)      | (e)        | (e)      | (e)        | (e)        | (e)       |
| POLY 1.5                                  | (e)      | (e)        | (e)      | (e)        | (e)        | (e)       |
| POLY 6                                    | (e)      | (e)        | (e)      | (e)        | (e)        | (e)       |
| COCH-ARM / FISHERS                        | P=1.000  | (e)        | (e)      | (e)        | (e)        | (e)       |
| MAX-ISO-POLY-3                            | (e)      | (e)        | (e)      | (e)        | (e)        | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE  | Males    |            |          |            |            |           |
|---|----------|------------|----------|------------|------------|-----------|
|   | 0 MG/KG  | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG   | 100 MG/KG  | 500 MG/KG |
| <b>Lymph Node: Mediastinal<br/>Hyperplasia Lymphoid</b> |          |            |          |            |            |           |
| <b>LESION RATES</b>                                     |          |            |          |            |            |           |
| OVERALL (a)   | 0/0 (0%) | 0/1 (0%)   | 0/0 (0%) | 1/1 (100%) | 1/1 (100%) | 0/0 (0%)  |
| POLY-3 RATE (b)   | 0/0.00   | 0/1.00     | 0/0.00   | 1/1.00     | 1/1.00     | 0/0.00    |
| POLY-3 PERCENT (g)                                      | 0%       | 0%         | 0%       | 100%       | 100%       | 0%        |
| TERMINAL (d)  | 0/0 (0%) | 0/1 (0%)   | 0/0 (0%) | 1/1 (100%) | 1/1 (100%) | 0/0 (0%)  |
| FIRST INCIDENCE   | ---      | ---        | ---      | 93 (T)     | 93 (T)     | ---       |
| <b>STATISTICAL TESTS</b>                                |          |            |          |            |            |           |
| POLY 3  | (e)      | (e)        | (e)      | (e)        | (e)        | (e)       |
| POLY 1.5  | (e)      | (e)        | (e)      | (e)        | (e)        | (e)       |
| POLY 6  | (e)      | (e)        | (e)      | (e)        | (e)        | (e)       |
| COCH-ARM / FISHERS                                      | P=1.000  | (e)        | (e)      | (e)        | (e)        | (e)       |
| MAX-ISO-POLY-3  | (e)      | (e)        | (e)      | (e)        | (e)        | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                     | Males    |            |          |          |           |           |
|--|----------|------------|----------|----------|-----------|-----------|
|  | 0 MG/KG  | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Lymph Node: Pancreatic Hemorrhage</b> |          |            |          |          |           |           |
| <b>LESION RATES</b>                      |          |            |          |          |           |           |
| OVERALL (a)                              | 0/0 (0%) | 1/1 (100%) | 0/0 (0%) | 0/1 (0%) | 0/1 (0%)  | 0/0 (0%)  |
| POLY-3 RATE (b)                          | 0/0.00   | 1/1.00     | 0/0.00   | 0/1.00   | 0/1.00    | 0/0.00    |
| POLY-3 PERCENT (g)                       | 0%       | 100%       | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)                             | 0/0 (0%) | 1/1 (100%) | 0/0 (0%) | 0/1 (0%) | 0/1 (0%)  | 0/0 (0%)  |
| FIRST INCIDENCE                          | ---      | 93 (T)     | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>                 |          |            |          |          |           |           |
| POLY 3                                   | (e)      | (e)        | (e)      | (e)      | (e)       | (e)       |
| POLY 1.5                                 | (e)      | (e)        | (e)      | (e)      | (e)       | (e)       |
| POLY 6                                   | (e)      | (e)        | (e)      | (e)      | (e)       | (e)       |
| COCH-ARM / FISHERS                       | P=1.000N | (e)        | (e)      | (e)      | (e)       | (e)       |
| MAX-ISO-POLY-3                           | (e)      | (e)        | (e)      | (e)      | (e)       | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE   | Males    |            |          |          |           |           |
|--|----------|------------|----------|----------|-----------|-----------|
|  | 0 MG/KG  | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Lymph Node: Pancreatic<br/>Hyperplasia Lymphoid</b> |          |            |          |          |           |           |
| <b>LESION RATES</b>                                    |          |            |          |          |           |           |
| OVERALL (a)  | 0/0 (0%) | 1/1 (100%) | 0/0 (0%) | 0/1 (0%) | 0/1 (0%)  | 0/0 (0%)  |
| POLY-3 RATE (b)  | 0/0.00   | 1/1.00     | 0/0.00   | 0/1.00   | 0/1.00    | 0/0.00    |
| POLY-3 PERCENT (g)                                     | 0%       | 100%       | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)   | 0/0 (0%) | 1/1 (100%) | 0/0 (0%) | 0/1 (0%) | 0/1 (0%)  | 0/0 (0%)  |
| FIRST INCIDENCE  | ---      | 93 (T)     | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>                               |          |            |          |          |           |           |
| POLY 3   | (e)      | (e)        | (e)      | (e)      | (e)       | (e)       |
| POLY 1.5   | (e)      | (e)        | (e)      | (e)      | (e)       | (e)       |
| POLY 6   | (e)      | (e)        | (e)      | (e)      | (e)       | (e)       |
| COCH-ARM / FISHERS                                     | P=1.000N | (e)        | (e)      | (e)      | (e)       | (e)       |
| MAX-ISO-POLY-3   | (e)      | (e)        | (e)      | (e)      | (e)       | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

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| DOSE                                       | Males    |            |          |          |           |           |
|--|----------|------------|----------|----------|-----------|-----------|
|  | 0 MG/KG  | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Lymph Node: Pancreatic Pigmentation</b> |          |            |          |          |           |           |
| <b>LESION RATES</b>                        |          |            |          |          |           |           |
| OVERALL (a)                                | 0/0 (0%) | 0/1 (0%)   | 0/0 (0%) | 0/1 (0%) | 0/1 (0%)  | 0/0 (0%)  |
| POLY-3 RATE (b)                            | 0/0.00   | 0/1.00     | 0/0.00   | 0/1.00   | 0/1.00    | 0/0.00    |
| POLY-3 PERCENT (g)                         | 0%       | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)                               | 0/0 (0%) | 0/1 (0%)   | 0/0 (0%) | 0/1 (0%) | 0/1 (0%)  | 0/0 (0%)  |
| FIRST INCIDENCE                            | ---      | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>                   |          |            |          |          |           |           |
| POLY 3                                     | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 1.5                                   | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 6                                     | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |
| COCH-ARM / FISHERS                         | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |
| MAX-ISO-POLY-3                             | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |

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Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                               | Males    |            |          |          |           |           |
|------------------------------------|----------|------------|----------|----------|-----------|-----------|
|                                    | 0 MG/KG  | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Mesentery: Fat<br/>Necrosis</b> |          |            |          |          |           |           |
| <b>LESION RATES</b>                |          |            |          |          |           |           |
| OVERALL (a)                        | 0/0 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/0 (0%)  |
| POLY-3 RATE (b)                    | 0/0.00   | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 0/0.00    |
| POLY-3 PERCENT (g)                 | 0%       | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)                       | 0/0 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/0 (0%)  |
| FIRST INCIDENCE                    | ---      | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>           |          |            |          |          |           |           |
| POLY 3                             | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 1.5                           | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 6                             | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |
| COCH-ARM / FISHERS                 | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |
| MAX-ISO-POLY-3                     | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE   | Males      |            |          |          |           |           |
|--|------------|------------|----------|----------|-----------|-----------|
|  | 0 MG/KG    | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Pituitary Gland: Pars Distalis<br/>Cyst</b> |            |            |          |          |           |           |
| <b>LESION RATES</b>                            |            |            |          |          |           |           |
| OVERALL (a)                                    | 1/10 (10%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| POLY-3 RATE (b)                                | 1/10.00    | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 0/10.00   |
| POLY-3 PERCENT (g)                             | 10%        | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)                                   | 1/10 (10%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| FIRST INCIDENCE                                | 93 (T)     | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>                       |            |            |          |          |           |           |
| POLY 3   | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| POLY 1.5                                       | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| POLY 6   | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| COCH-ARM / FISHERS                             | P=0.419N   | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| MAX-ISO-POLY-3                                 | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.158N  |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                | Males     |            |          |          |           |            |
|-------------------------------------|-----------|------------|----------|----------|-----------|------------|
|                                     | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG  |
| <b>Salivary Glands<br/>Necrosis</b> |           |            |          |          |           |            |
| <b>LESION RATES</b>                 |           |            |          |          |           |            |
| OVERALL (a)                         | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 1/10 (10%) |
| POLY-3 RATE (b)                     | 0/10.00   | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 1/10.00    |
| POLY-3 PERCENT (g)                  | 0%        | 0%         | 0%       | 0%       | 0%        | 10%        |
| TERMINAL (d)                        | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 1/10 (10%) |
| FIRST INCIDENCE                     | ---       | ---        | ---      | ---      | ---       | 93 (T)     |
| <b>STATISTICAL TESTS</b>            |           |            |          |          |           |            |
| POLY 3                              | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.500    |
| POLY 1.5                            | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.500    |
| POLY 6                              | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.500    |
| COCH-ARM / FISHERS                  | P=0.419   | (e)        | (e)      | (e)      | (e)       | P=0.500    |
| MAX-ISO-POLY-3                      | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.158    |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                              | Males     |            |            |            |            |            |
|-----------------------------------|-----------|------------|------------|------------|------------|------------|
|                                   | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG    | 50 MG/KG   | 100 MG/KG  | 500 MG/KG  |
| <b>Stomach, Glandular Erosion</b> |           |            |            |            |            |            |
| <b>LESION RATES</b>               |           |            |            |            |            |            |
| OVERALL (a)                       | 0/10 (0%) | 0/10 (0%)  | 1/10 (10%) | 2/10 (20%) | 3/10 (30%) | 4/10 (40%) |
| POLY-3 RATE (b)                   | 0/10.00   | 0/10.00    | 1/10.00    | 2/10.00    | 3/10.00    | 4/10.00    |
| POLY-3 PERCENT (g)                | 0%        | 0%         | 10%        | 20%        | 30%        | 40%        |
| TERMINAL (d)                      | 0/10 (0%) | 0/10 (0%)  | 1/10 (10%) | 2/10 (20%) | 3/10 (30%) | 4/10 (40%) |
| FIRST INCIDENCE                   | ---       | ---        | 93 (T)     | 93 (T)     | 93 (T)     | 93 (T)     |
| <b>STATISTICAL TESTS</b>          |           |            |            |            |            |            |
| POLY 3                            | P=0.013*  | (e)        | P=0.500    | P=0.227    | P=0.095    | P=0.033*   |
| POLY 1.5                          | P=0.013*  | (e)        | P=0.500    | P=0.227    | P=0.095    | P=0.033*   |
| POLY 6                            | P=0.013*  | (e)        | P=0.500    | P=0.227    | P=0.095    | P=0.033*   |
| COCH-ARM / FISHERS                | P=0.015*  | (e)        | P=0.500    | P=0.237    | P=0.105    | P=0.043*   |
| MAX-ISO-POLY-3                    | P=0.006** | (e)        | P=0.158    | P=0.066    | P=0.025*   | P=0.007**  |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE   | Males     |            |           |           |           |           |
|--|-----------|------------|-----------|-----------|-----------|-----------|
|  | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG | 500 MG/KG |
| <b>Stomach, Glandular: Glands Dilatation</b> |           |            |           |           |           |           |
| <b>LESION RATES</b>                          |           |            |           |           |           |           |
| OVERALL (a)                                  | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) |
| POLY-3 RATE (b)                              | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 0/10.00   | 0/10.00   |
| POLY-3 PERCENT (g)                           | 0%        | 0%         | 0%        | 0%        | 0%        | 0%        |
| TERMINAL (d)                                 | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) |
| FIRST INCIDENCE                              | ---       | ---        | ---       | ---       | ---       | ---       |
| <b>STATISTICAL TESTS</b>                     |           |            |           |           |           |           |
| POLY 3                                       | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| POLY 1.5                                     | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| POLY 6                                       | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| COCH-ARM / FISHERS                           | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| MAX-ISO-POLY-3                               | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Males     |            |           |           |           |           |
|--------------------------|-----------|------------|-----------|-----------|-----------|-----------|
|                          | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG | 500 MG/KG |
| Thymus Atrophy           |           |            |           |           |           |           |
| <b>LESION RATES</b>      |           |            |           |           |           |           |
| OVERALL (a)              | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 0/9 (0%)  |
| POLY-3 RATE (b)          | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 0/10.00   | 0/9.00    |
| POLY-3 PERCENT (g)       | 0%        | 0%         | 0%        | 0%        | 0%        | 0%        |
| TERMINAL (d)             | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 0/9 (0%)  |
| FIRST INCIDENCE          | ---       | ---        | ---       | ---       | ---       | ---       |
| <b>STATISTICAL TESTS</b> |           |            |           |           |           |           |
| POLY 3                   | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| POLY 1.5                 | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| POLY 6                   | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| COCH-ARM / FISHERS       | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| MAX-ISO-POLY-3           | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Males      |            |           |           |            |           |
|--------------------------|------------|------------|-----------|-----------|------------|-----------|
|                          | 0 MG/KG    | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG  | 500 MG/KG |
| <b>Thymus Hemorrhage</b> |            |            |           |           |            |           |
| <b>LESION RATES</b>      |            |            |           |           |            |           |
| OVERALL (a)              | 1/10 (10%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 0/9 (0%)  |
| POLY-3 RATE (b)          | 1/10.00    | 0/10.00    | 0/10.00   | 0/10.00   | 1/10.00    | 0/9.00    |
| POLY-3 PERCENT (g)       | 10%        | 0%         | 0%        | 0%        | 10%        | 0%        |
| TERMINAL (d)             | 1/10 (10%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 0/9 (0%)  |
| FIRST INCIDENCE          | 93 (T)     | ---        | ---       | ---       | 93 (T)     | ---       |
| <b>STATISTICAL TESTS</b> |            |            |           |           |            |           |
| POLY 3                   | P=0.651N   | P=0.500N   | P=0.500N  | P=0.500N  | P=0.760    | P=0.521N  |
| POLY 1.5                 | P=0.651N   | P=0.500N   | P=0.500N  | P=0.500N  | P=0.760    | P=0.521N  |
| POLY 6                   | P=0.651N   | P=0.500N   | P=0.500N  | P=0.500N  | P=0.760    | P=0.521N  |
| COCH-ARM / FISHERS       | P=0.654N   | P=0.500N   | P=0.500N  | P=0.500N  | P=0.763N   | P=0.526N  |
| MAX-ISO-POLY-3           | P=0.124N   | P=0.158N   | P=0.158N  | P=0.158N  | P=1.000    | P=0.178N  |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                       | Males     |            |           |           |            |            |
|--|-----------|------------|-----------|-----------|------------|------------|
|  | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG  | 500 MG/KG  |
| <b>Thyroid Gland: Follicle Hypertrophy</b> |           |            |           |           |            |            |
| <b>LESION RATES</b>                        |           |            |           |           |            |            |
| OVERALL (a)                                | 0/10 (0%) | 0/9 (0%)   | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 9/10 (90%) |
| POLY-3 RATE (b)                            | 0/10.00   | 0/9.00     | 0/10.00   | 0/10.00   | 1/10.00    | 9/10.00    |
| POLY-3 PERCENT (g)                         | 0%        | 0%         | 0%        | 0%        | 10%        | 90%        |
| TERMINAL (d)                               | 0/10 (0%) | 0/9 (0%)   | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 9/10 (90%) |
| FIRST INCIDENCE                            | ---       | ---        | ---       | ---       | 93 (T)     | 93 (T)     |
| <b>STATISTICAL TESTS</b>                   |           |            |           |           |            |            |
| POLY 3                                     | P<0.001** | (e)        | (e)       | (e)       | P=0.500    | P<0.001**  |
| POLY 1.5                                   | P<0.001** | (e)        | (e)       | (e)       | P=0.500    | P<0.001**  |
| POLY 6                                     | P<0.001** | (e)        | (e)       | (e)       | P=0.500    | P<0.001**  |
| COCH-ARM / FISHERS                         | P<0.001** | (e)        | (e)       | (e)       | P=0.500    | P<0.001**  |
| MAX-ISO-POLY-3                             | P<0.001** | (e)        | (e)       | (e)       | P=0.158    | P<0.001**  |



Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                     | Females    |            |          |          |           |           |
|--|------------|------------|----------|----------|-----------|-----------|
|  | 0 MG/KG    | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Adrenal Cortex</b>                    |            |            |          |          |           |           |
| <b>Accessory Adrenal Cortical Nodule</b> |            |            |          |          |           |           |
| <b>LESION RATES</b>                      |            |            |          |          |           |           |
| OVERALL (a)                              | 1/10 (10%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| POLY-3 RATE (b)                          | 1/10.00    | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 0/10.00   |
| POLY-3 PERCENT (g)                       | 10%        | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)                             | 1/10 (10%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| FIRST INCIDENCE                          | 93 (T)     | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>                 |            |            |          |          |           |           |
| POLY 3                                   | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| POLY 1.5                                 | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| POLY 6                                   | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| COCH-ARM / FISHERS                       | P=0.419N   | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| MAX-ISO-POLY-3                           | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.158N  |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                               | Females   |            |          |          |           |           |
|------------------------------------|-----------|------------|----------|----------|-----------|-----------|
|                                    | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Bone Marrow<br/>Hyperplasia</b> |           |            |          |          |           |           |
| <b>LESION RATES</b>                |           |            |          |          |           |           |
| OVERALL (a)                        | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| POLY-3 RATE (b)                    | 0/10.00   | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 0/10.00   |
| POLY-3 PERCENT (g)                 | 0%        | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)                       | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| FIRST INCIDENCE                    | ---       | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>           |           |            |          |          |           |           |
| POLY 3                             | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 1.5                           | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 6                             | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| COCH-ARM / FISHERS                 | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| MAX-ISO-POLY-3                     | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS

| DOSE   | Females   |            |          |          |           |            |
|--|-----------|------------|----------|----------|-----------|------------|
|  | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG  |
| <b>Clitoral Gland<br/>Inflammation Chronic</b> |           |            |          |          |           |            |
| <b>LESION RATES</b>                            |           |            |          |          |           |            |
| OVERALL (a)                                    | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 2/10 (20%) |
| POLY-3 RATE (b)                                | 0/10.00   | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 2/10.00    |
| POLY-3 PERCENT (g)                             | 0%        | 0%         | 0%       | 0%       | 0%        | 20%        |
| TERMINAL (d)                                   | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 2/10 (20%) |
| FIRST INCIDENCE                                | ---       | ---        | ---      | ---      | ---       | 93 (T)     |
| <b>STATISTICAL TESTS</b>                       |           |            |          |          |           |            |
| POLY 3   | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.227    |
| POLY 1.5                                       | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.227    |
| POLY 6   | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.227    |
| COCH-ARM / FISHERS                             | P=0.186   | (e)        | (e)      | (e)      | (e)       | P=0.237    |
| MAX-ISO-POLY-3                                 | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.066    |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS

| DOSE                              | Females   |            |          |          |            |           |
|-----------------------------------|-----------|------------|----------|----------|------------|-----------|
|                                   | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG  | 500 MG/KG |
| <b>Eye</b>                        |           |            |          |          |            |           |
| <b>Developmental Malformation</b> |           |            |          |          |            |           |
| <b>LESION RATES</b>               |           |            |          |          |            |           |
| OVERALL (a)                       | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 1/1 (100%) | 0/10 (0%) |
| POLY-3 RATE (b)                   | 0/10.00   | 0/0.00     | 0/0.00   | 0/0.00   | 1/1.00     | 0/10.00   |
| POLY-3 PERCENT (g)                | 0%        | 0%         | 0%       | 0%       | 100%       | 0%        |
| TERMINAL (d)                      | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 1/1 (100%) | 0/10 (0%) |
| FIRST INCIDENCE                   | ---       | ---        | ---      | ---      | 93 (T)     | ---       |
| <b>STATISTICAL TESTS</b>          |           |            |          |          |            |           |
| POLY 3                            | (e)       | (e)        | (e)      | (e)      | P=0.091    | (e)       |
| POLY 1.5                          | (e)       | (e)        | (e)      | (e)      | P=0.091    | (e)       |
| POLY 6                            | (e)       | (e)        | (e)      | (e)      | P=0.091    | (e)       |
| COCH-ARM / FISHERS                | P=0.594N  | (e)        | (e)      | (e)      | P=0.091    | (e)       |
| MAX-ISO-POLY-3                    | (e)       | (e)        | (e)      | (e)      | P<0.001**  | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE  | Females   |            |          |          |           |           |
|---|-----------|------------|----------|----------|-----------|-----------|
|   | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Harderian Gland<br/>Inflammation Chronic</b> |           |            |          |          |           |           |
| <b>LESION RATES</b>                             |           |            |          |          |           |           |
| OVERALL (a)                                     | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| POLY-3 RATE (b)                                 | 0/10.00   | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 0/10.00   |
| POLY-3 PERCENT (g)                              | 0%        | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)                                    | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| FIRST INCIDENCE                                 | ---       | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>                        |           |            |          |          |           |           |
| POLY 3  | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 1.5  | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 6  | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| COCH-ARM / FISHERS                              | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| MAX-ISO-POLY-3                                  | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Females    |            |          |          |           |           |
|--------------------------|------------|------------|----------|----------|-----------|-----------|
|                          | 0 MG/KG    | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Heart</b>             |            |            |          |          |           |           |
| <b>Cardiomyopathy</b>    |            |            |          |          |           |           |
| <b>LESION RATES</b>      |            |            |          |          |           |           |
| OVERALL (a)              | 1/10 (10%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| POLY-3 RATE (b)          | 1/10.00    | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 0/10.00   |
| POLY-3 PERCENT (g)       | 10%        | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)             | 1/10 (10%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| FIRST INCIDENCE          | 93 (T)     | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b> |            |            |          |          |           |           |
| POLY 3                   | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| POLY 1.5                 | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| POLY 6                   | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| COCH-ARM / FISHERS       | P=0.419N   | (e)        | (e)      | (e)      | (e)       | P=0.500N  |
| MAX-ISO-POLY-3           | (e)        | (e)        | (e)      | (e)      | (e)       | P=0.158N  |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE  | Females   |            |          |          |           |            |
|---|-----------|------------|----------|----------|-----------|------------|
|   | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG  |
| <b>Kidney</b>                                 |           |            |          |          |           |            |
| <b>Infiltration Cellular Mononuclear Cell</b> |           |            |          |          |           |            |
| <b>LESION RATES</b>                           |           |            |          |          |           |            |
| OVERALL (a)                                   | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 1/10 (10%) |
| POLY-3 RATE (b)                               | 0/10.00   | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 1/10.00    |
| POLY-3 PERCENT (g)                            | 0%        | 0%         | 0%       | 0%       | 0%        | 10%        |
| TERMINAL (d)                                  | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 1/10 (10%) |
| FIRST INCIDENCE                               | ---       | ---        | ---      | ---      | ---       | 93 (T)     |
| <b>STATISTICAL TESTS</b>                      |           |            |          |          |           |            |
| POLY 3  | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.500    |
| POLY 1.5                                      | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.500    |
| POLY 6  | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.500    |
| COCH-ARM / FISHERS                            | P=0.419   | (e)        | (e)      | (e)      | (e)       | P=0.500    |
| MAX-ISO-POLY-3                                | (e)       | (e)        | (e)      | (e)      | (e)       | P=0.158    |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Females   |            |          |          |           |           |
|--------------------------|-----------|------------|----------|----------|-----------|-----------|
|                          | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Kidney</b>            |           |            |          |          |           |           |
| <b>Nephropathy</b>       |           |            |          |          |           |           |
| <b>LESION RATES</b>      |           |            |          |          |           |           |
| OVERALL (a)              | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| POLY-3 RATE (b)          | 0/10.00   | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 0/10.00   |
| POLY-3 PERCENT (g)       | 0%        | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)             | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| FIRST INCIDENCE          | ---       | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b> |           |            |          |          |           |           |
| POLY 3                   | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 1.5                 | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 6                   | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| COCH-ARM / FISHERS       | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| MAX-ISO-POLY-3           | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |



Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Females   |            |           |           |           |            |
|--------------------------|-----------|------------|-----------|-----------|-----------|------------|
|                          | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG | 500 MG/KG  |
| <b>Liver</b>             |           |            |           |           |           |            |
| <b>Basophilic Focus</b>  |           |            |           |           |           |            |
| <b>LESION RATES</b>      |           |            |           |           |           |            |
| OVERALL (a)              | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) |
| POLY-3 RATE (b)          | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 0/10.00   | 1/10.00    |
| POLY-3 PERCENT (g)       | 0%        | 0%         | 0%        | 0%        | 0%        | 10%        |
| TERMINAL (d)             | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) |
| FIRST INCIDENCE          | ---       | ---        | ---       | ---       | ---       | 93 (T)     |
| <b>STATISTICAL TESTS</b> |           |            |           |           |           |            |
| POLY 3                   | P=0.142   | (e)        | (e)       | (e)       | (e)       | P=0.500    |
| POLY 1.5                 | P=0.142   | (e)        | (e)       | (e)       | (e)       | P=0.500    |
| POLY 6                   | P=0.142   | (e)        | (e)       | (e)       | (e)       | P=0.500    |
| COCH-ARM / FISHERS       | P=0.140   | (e)        | (e)       | (e)       | (e)       | P=0.500    |
| MAX-ISO-POLY-3           | P=0.041*  | (e)        | (e)       | (e)       | (e)       | P=0.158    |

Experiment Number: 20209 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 07/23/2014  
 Time Report Requested: 13:31:07  
 First Dose M/F: 07/20/04 / 07/19/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
 TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                              | Females   |            |           |           |            |           |
|-----------------------------------|-----------|------------|-----------|-----------|------------|-----------|
|                                   | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG  | 500 MG/KG |
| <b>Liver</b>                      |           |            |           |           |            |           |
| <b>Hepatodiaphragmatic Nodule</b> |           |            |           |           |            |           |
| <b>LESION RATES</b>               |           |            |           |           |            |           |
| <b>OVERALL (a)</b>                | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 0/10 (0%) |
| <b>POLY-3 RATE (b)</b>            | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 1/10.00    | 0/10.00   |
| <b>POLY-3 PERCENT (g)</b>         | 0%        | 0%         | 0%        | 0%        | 10%        | 0%        |
| <b>TERMINAL (d)</b>               | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 0/10 (0%) |
| <b>FIRST INCIDENCE</b>            | ---       | ---        | ---       | ---       | 93 (T)     | ---       |
| <b>STATISTICAL TESTS</b>          |           |            |           |           |            |           |
| <b>POLY 3</b>                     | P=0.858N  | (e)        | (e)       | (e)       | P=0.500    | (e)       |
| <b>POLY 1.5</b>                   | P=0.858N  | (e)        | (e)       | (e)       | P=0.500    | (e)       |
| <b>POLY 6</b>                     | P=0.858N  | (e)        | (e)       | (e)       | P=0.500    | (e)       |
| <b>COCH-ARM / FISHERS</b>         | P=0.860N  | (e)        | (e)       | (e)       | P=0.500    | (e)       |
| <b>MAX-ISO-POLY-3</b>             | P=0.193   | (e)        | (e)       | (e)       | P=0.158    | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Females    |            |           |            |           |           |
|--------------------------|------------|------------|-----------|------------|-----------|-----------|
|                          | 0 MG/KG    | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG   | 100 MG/KG | 500 MG/KG |
| <b>Liver</b>             |            |            |           |            |           |           |
| <b>Necrosis Focal</b>    |            |            |           |            |           |           |
| <b>LESION RATES</b>      |            |            |           |            |           |           |
| OVERALL (a)              | 1/10 (10%) | 0/10 (0%)  | 0/10 (0%) | 1/10 (10%) | 0/10 (0%) | 0/10 (0%) |
| POLY-3 RATE (b)          | 1/10.00    | 0/10.00    | 0/10.00   | 1/10.00    | 0/10.00   | 0/10.00   |
| POLY-3 PERCENT (g)       | 10%        | 0%         | 0%        | 10%        | 0%        | 0%        |
| TERMINAL (d)             | 1/10 (10%) | 0/10 (0%)  | 0/10 (0%) | 1/10 (10%) | 0/10 (0%) | 0/10 (0%) |
| FIRST INCIDENCE          | 93 (T)     | ---        | ---       | 93 (T)     | ---       | ---       |
| <b>STATISTICAL TESTS</b> |            |            |           |            |           |           |
| POLY 3                   | P=0.550N   | P=0.500N   | P=0.500N  | P=0.760    | P=0.500N  | P=0.500N  |
| POLY 1.5                 | P=0.550N   | P=0.500N   | P=0.500N  | P=0.760    | P=0.500N  | P=0.500N  |
| POLY 6                   | P=0.550N   | P=0.500N   | P=0.500N  | P=0.760    | P=0.500N  | P=0.500N  |
| COCH-ARM / FISHERS       | P=0.551N   | P=0.500N   | P=0.500N  | P=0.763N   | P=0.500N  | P=0.500N  |
| MAX-ISO-POLY-3           | P=0.109N   | P=0.158N   | P=0.158N  | P=1.000    | P=0.158N  | P=0.158N  |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                 | Females   |            |            |              |              |              |
|--------------------------------------|-----------|------------|------------|--------------|--------------|--------------|
|                                      | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG    | 50 MG/KG     | 100 MG/KG    | 500 MG/KG    |
| <b>Liver: Hepatocyte Hypertrophy</b> |           |            |            |              |              |              |
| <b>LESION RATES</b>                  |           |            |            |              |              |              |
| <b>OVERALL (a)</b>                   | 0/10 (0%) | 2/10 (20%) | 5/10 (50%) | 10/10 (100%) | 10/10 (100%) | 10/10 (100%) |
| <b>POLY-3 RATE (b)</b>               | 0/10.00   | 2/10.00    | 5/10.00    | 10/10.00     | 10/10.00     | 10/10.00     |
| <b>POLY-3 PERCENT (g)</b>            | 0%        | 20%        | 50%        | 100%         | 100%         | 100%         |
| <b>TERMINAL (d)</b>                  | 0/10 (0%) | 2/10 (20%) | 5/10 (50%) | 10/10 (100%) | 10/10 (100%) | 10/10 (100%) |
| <b>FIRST INCIDENCE</b>               | ---       | 93 (T)     | 93 (T)     | 93 (T)       | 93 (T)       | 93 (T)       |
| <b>STATISTICAL TESTS</b>             |           |            |            |              |              |              |
| <b>POLY 3</b>                        | P<0.001** | P=0.227    | P=0.008**  | P<0.001**    | P<0.001**    | P<0.001**    |
| <b>POLY 1.5</b>                      | P<0.001** | P=0.227    | P=0.008**  | P<0.001**    | P<0.001**    | P<0.001**    |
| <b>POLY 6</b>                        | P<0.001** | P=0.227    | P=0.008**  | P<0.001**    | P<0.001**    | P<0.001**    |
| <b>COCH-ARM / FISHERS</b>            | P<0.001** | P=0.237    | P=0.016*   | P<0.001**    | P<0.001**    | P<0.001**    |
| <b>MAX-ISO-POLY-3</b>                | P<0.001** | P=0.066    | P<0.001**  | (e)          | (e)          | (e)          |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE   | Females   |            |           |            |              |              |
|--|-----------|------------|-----------|------------|--------------|--------------|
|  | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG   | 100 MG/KG    | 500 MG/KG    |
| <b>Liver: Hepatocyte<br/>Vacuolization Cytoplasmic</b> |           |            |           |            |              |              |
| <b>LESION RATES</b>                                    |           |            |           |            |              |              |
| OVERALL (a)  | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 3/10 (30%) | 10/10 (100%) | 10/10 (100%) |
| POLY-3 RATE (b)  | 0/10.00   | 0/10.00    | 0/10.00   | 3/10.00    | 10/10.00     | 10/10.00     |
| POLY-3 PERCENT (g)                                     | 0%        | 0%         | 0%        | 30%        | 100%         | 100%         |
| TERMINAL (d)   | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 3/10 (30%) | 10/10 (100%) | 10/10 (100%) |
| FIRST INCIDENCE  | ---       | ---        | ---       | 93 (T)     | 93 (T)       | 93 (T)       |
| <b>STATISTICAL TESTS</b>                               |           |            |           |            |              |              |
| POLY 3   | P<0.001** | (e)        | (e)       | P=0.095    | P<0.001**    | P<0.001**    |
| POLY 1.5   | P<0.001** | (e)        | (e)       | P=0.095    | P<0.001**    | P<0.001**    |
| POLY 6   | P<0.001** | (e)        | (e)       | P=0.095    | P<0.001**    | P<0.001**    |
| COCH-ARM / FISHERS                                     | P<0.001** | (e)        | (e)       | P=0.105    | P<0.001**    | P<0.001**    |
| MAX-ISO-POLY-3   | P<0.001** | (e)        | (e)       | P=0.025*   | (e)          | (e)          |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS

| DOSE                     | Females   |            |           |           |            |           |
|--------------------------|-----------|------------|-----------|-----------|------------|-----------|
|                          | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG  | 500 MG/KG |
| <b>Lung Hemorrhage</b>   |           |            |           |           |            |           |
| <b>LESION RATES</b>      |           |            |           |           |            |           |
| OVERALL (a)              | 0/10 (0%) | 2/10 (20%) | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 0/10 (0%) |
| POLY-3 RATE (b)          | 0/10.00   | 2/10.00    | 0/10.00   | 0/10.00   | 1/10.00    | 0/10.00   |
| POLY-3 PERCENT (g)       | 0%        | 20%        | 0%        | 0%        | 10%        | 0%        |
| TERMINAL (d)             | 0/10 (0%) | 2/10 (20%) | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 0/10 (0%) |
| FIRST INCIDENCE          | ---       | 93 (T)     | ---       | ---       | 93 (T)     | ---       |
| <b>STATISTICAL TESTS</b> |           |            |           |           |            |           |
| POLY 3                   | P=0.463N  | P=0.227    | (e)       | (e)       | P=0.500    | (e)       |
| POLY 1.5                 | P=0.463N  | P=0.227    | (e)       | (e)       | P=0.500    | (e)       |
| POLY 6                   | P=0.463N  | P=0.227    | (e)       | (e)       | P=0.500    | (e)       |
| COCH-ARM / FISHERS       | P=0.464N  | P=0.237    | (e)       | (e)       | P=0.500    | (e)       |
| MAX-ISO-POLY-3           | P=0.149N  | P=0.066    | (e)       | (e)       | P=0.158    | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                    | Females   |            |           |           |            |            |
|---|-----------|------------|-----------|-----------|------------|------------|
|   | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG  | 500 MG/KG  |
| <b>Lung</b>                             |           |            |           |           |            |            |
| <b>Infiltration Cellular Histiocyte</b> |           |            |           |           |            |            |
| <b>LESION RATES</b>                     |           |            |           |           |            |            |
| OVERALL (a)                             | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 1/10 (10%) |
| POLY-3 RATE (b)                         | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 1/10.00    | 1/10.00    |
| POLY-3 PERCENT (g)                      | 0%        | 0%         | 0%        | 0%        | 10%        | 10%        |
| TERMINAL (d)                            | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 1/10 (10%) |
| FIRST INCIDENCE                         | ---       | ---        | ---       | ---       | 93 (T)     | 93 (T)     |
| <b>STATISTICAL TESTS</b>                |           |            |           |           |            |            |
| POLY 3                                  | P=0.236   | (e)        | (e)       | (e)       | P=0.500    | P=0.500    |
| POLY 1.5                                | P=0.236   | (e)        | (e)       | (e)       | P=0.500    | P=0.500    |
| POLY 6                                  | P=0.236   | (e)        | (e)       | (e)       | P=0.500    | P=0.500    |
| COCH-ARM / FISHERS                      | P=0.232   | (e)        | (e)       | (e)       | P=0.500    | P=0.500    |
| MAX-ISO-POLY-3                          | P=0.109   | (e)        | (e)       | (e)       | P=0.158    | P=0.158    |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                        | Females   |            |           |           |           |            |
|-----------------------------|-----------|------------|-----------|-----------|-----------|------------|
|                             | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG | 500 MG/KG  |
| <b>Lung</b>                 |           |            |           |           |           |            |
| <b>Inflammation Chronic</b> |           |            |           |           |           |            |
| <b>LESION RATES</b>         |           |            |           |           |           |            |
| OVERALL (a)                 | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 2/10 (20%) |
| POLY-3 RATE (b)             | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 0/10.00   | 2/10.00    |
| POLY-3 PERCENT (g)          | 0%        | 0%         | 0%        | 0%        | 0%        | 20%        |
| TERMINAL (d)                | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 2/10 (20%) |
| FIRST INCIDENCE             | ---       | ---        | ---       | ---       | ---       | 93 (T)     |
| <b>STATISTICAL TESTS</b>    |           |            |           |           |           |            |
| POLY 3                      | P=0.007** | (e)        | (e)       | (e)       | (e)       | P=0.227    |
| POLY 1.5                    | P=0.007** | (e)        | (e)       | (e)       | (e)       | P=0.227    |
| POLY 6                      | P=0.007** | (e)        | (e)       | (e)       | (e)       | P=0.227    |
| COCH-ARM / FISHERS          | P=0.010** | (e)        | (e)       | (e)       | (e)       | P=0.237    |
| MAX-ISO-POLY-3              | P=0.005** | (e)        | (e)       | (e)       | (e)       | P=0.066    |



Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE   | Females   |            |           |           |           |           |
|--|-----------|------------|-----------|-----------|-----------|-----------|
|  | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG | 500 MG/KG |
| <b>Lung: Alveolar Epithelium<br/>Hyperplasia</b> |           |            |           |           |           |           |
| <b>LESION RATES</b>                              |           |            |           |           |           |           |
| OVERALL (a)                                      | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) |
| POLY-3 RATE (b)                                  | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 0/10.00   | 0/10.00   |
| POLY-3 PERCENT (g)                               | 0%        | 0%         | 0%        | 0%        | 0%        | 0%        |
| TERMINAL (d)                                     | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) |
| FIRST INCIDENCE                                  | ---       | ---        | ---       | ---       | ---       | ---       |
| <b>STATISTICAL TESTS</b>                         |           |            |           |           |           |           |
| POLY 3   | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| POLY 1.5   | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| POLY 6   | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| COCH-ARM / FISHERS                               | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |
| MAX-ISO-POLY-3                                   | (n)       | (n)        | (n)       | (n)       | (n)       | (n)       |

Experiment Number: 20209 - 01  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Pentabromodiphenyl oxide (technical) (DE 71)  
 CAS Number: 32534-81-9

Date Report Requested: 07/23/2014  
 Time Report Requested: 13:31:07  
 First Dose M/F: 07/20/04 / 07/19/04  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
 TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                      | Females  |            |           |            |            |           |
|---|----------|------------|-----------|------------|------------|-----------|
|   | 0 MG/KG  | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG   | 100 MG/KG  | 500 MG/KG |
| <b>Lymph Node: Mediastinal Hemorrhage</b> |          |            |           |            |            |           |
| <b>LESION RATES</b>                       |          |            |           |            |            |           |
| OVERALL (a)                               | 0/0 (0%) | 0/0 (0%)   | 1/2 (50%) | 1/1 (100%) | 2/2 (100%) | 0/0 (0%)  |
| POLY-3 RATE (b)                           | 0/0.00   | 0/0.00     | 1/2.00    | 1/1.00     | 2/2.00     | 0/0.00    |
| POLY-3 PERCENT (g)                        | 0%       | 0%         | 50%       | 100%       | 100%       | 0%        |
| TERMINAL (d)                              | 0/0 (0%) | 0/0 (0%)   | 1/2 (50%) | 1/1 (100%) | 2/2 (100%) | 0/0 (0%)  |
| FIRST INCIDENCE                           | ---      | ---        | 93 (T)    | 93 (T)     | 93 (T)     | ---       |
| <b>STATISTICAL TESTS</b>                  |          |            |           |            |            |           |
| POLY 3                                    | (e)      | (e)        | (e)       | (e)        | (e)        | (e)       |
| POLY 1.5                                  | (e)      | (e)        | (e)       | (e)        | (e)        | (e)       |
| POLY 6                                    | (e)      | (e)        | (e)       | (e)        | (e)        | (e)       |
| COCH-ARM / FISHERS                        | P=1.000  | (e)        | (e)       | (e)        | (e)        | (e)       |
| MAX-ISO-POLY-3                            | (e)      | (e)        | (e)       | (e)        | (e)        | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE  | Females  |            |           |            |            |           |
|---|----------|------------|-----------|------------|------------|-----------|
|   | 0 MG/KG  | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG   | 100 MG/KG  | 500 MG/KG |
| <b>Lymph Node: Mediastinal<br/>Hyperplasia Lymphoid</b> |          |            |           |            |            |           |
| <b>LESION RATES</b>                                     |          |            |           |            |            |           |
| OVERALL (a)   | 0/0 (0%) | 0/0 (0%)   | 1/2 (50%) | 1/1 (100%) | 2/2 (100%) | 0/0 (0%)  |
| POLY-3 RATE (b)   | 0/0.00   | 0/0.00     | 1/2.00    | 1/1.00     | 2/2.00     | 0/0.00    |
| POLY-3 PERCENT (g)                                      | 0%       | 0%         | 50%       | 100%       | 100%       | 0%        |
| TERMINAL (d)  | 0/0 (0%) | 0/0 (0%)   | 1/2 (50%) | 1/1 (100%) | 2/2 (100%) | 0/0 (0%)  |
| FIRST INCIDENCE   | ---      | ---        | 93 (T)    | 93 (T)     | 93 (T)     | ---       |
| <b>STATISTICAL TESTS</b>                                |          |            |           |            |            |           |
| POLY 3  | (e)      | (e)        | (e)       | (e)        | (e)        | (e)       |
| POLY 1.5  | (e)      | (e)        | (e)       | (e)        | (e)        | (e)       |
| POLY 6  | (e)      | (e)        | (e)       | (e)        | (e)        | (e)       |
| COCH-ARM / FISHERS                                      | P=1.000  | (e)        | (e)       | (e)        | (e)        | (e)       |
| MAX-ISO-POLY-3  | (e)      | (e)        | (e)       | (e)        | (e)        | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                     | Females  |            |           |          |           |           |
|--|----------|------------|-----------|----------|-----------|-----------|
|  | 0 MG/KG  | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Lymph Node: Pancreatic Hemorrhage</b> |          |            |           |          |           |           |
| <b>LESION RATES</b>                      |          |            |           |          |           |           |
| OVERALL (a)                              | 0/0 (0%) | 0/0 (0%)   | 1/2 (50%) | 0/1 (0%) | 1/2 (50%) | 0/0 (0%)  |
| POLY-3 RATE (b)                          | 0/0.00   | 0/0.00     | 1/2.00    | 0/1.00   | 1/2.00    | 0/0.00    |
| POLY-3 PERCENT (g)                       | 0%       | 0%         | 50%       | 0%       | 50%       | 0%        |
| TERMINAL (d)                             | 0/0 (0%) | 0/0 (0%)   | 1/2 (50%) | 0/1 (0%) | 1/2 (50%) | 0/0 (0%)  |
| FIRST INCIDENCE                          | ---      | ---        | 93 (T)    | ---      | 93 (T)    | ---       |
| <b>STATISTICAL TESTS</b>                 |          |            |           |          |           |           |
| POLY 3                                   | (e)      | (e)        | (e)       | (e)      | (e)       | (e)       |
| POLY 1.5                                 | (e)      | (e)        | (e)       | (e)      | (e)       | (e)       |
| POLY 6                                   | (e)      | (e)        | (e)       | (e)      | (e)       | (e)       |
| COCH-ARM / FISHERS                       | P=1.000  | (e)        | (e)       | (e)      | (e)       | (e)       |
| MAX-ISO-POLY-3                           | (e)      | (e)        | (e)       | (e)      | (e)       | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

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| DOSE   | Females  |            |          |          |           |           |
|--|----------|------------|----------|----------|-----------|-----------|
|  | 0 MG/KG  | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Lymph Node: Pancreatic<br/>Hyperplasia Lymphoid</b> |          |            |          |          |           |           |
| <b>LESION RATES</b>                                    |          |            |          |          |           |           |
| OVERALL (a)  | 0/0 (0%) | 0/0 (0%)   | 0/2 (0%) | 0/1 (0%) | 0/2 (0%)  | 0/0 (0%)  |
| POLY-3 RATE (b)  | 0/0.00   | 0/0.00     | 0/2.00   | 0/1.00   | 0/2.00    | 0/0.00    |
| POLY-3 PERCENT (g)                                     | 0%       | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)   | 0/0 (0%) | 0/0 (0%)   | 0/2 (0%) | 0/1 (0%) | 0/2 (0%)  | 0/0 (0%)  |
| FIRST INCIDENCE  | ---      | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>                               |          |            |          |          |           |           |
| POLY 3   | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 1.5   | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 6   | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |
| COCH-ARM / FISHERS                                     | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |
| MAX-ISO-POLY-3   | (n)      | (n)        | (n)      | (n)      | (n)       | (n)       |

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Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                       | Females  |            |           |          |           |           |
|--|----------|------------|-----------|----------|-----------|-----------|
|  | 0 MG/KG  | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Lymph Node: Pancreatic Pigmentation</b> |          |            |           |          |           |           |
| <b>LESION RATES</b>                        |          |            |           |          |           |           |
| OVERALL (a)                                | 0/0 (0%) | 0/0 (0%)   | 1/2 (50%) | 0/1 (0%) | 1/2 (50%) | 0/0 (0%)  |
| POLY-3 RATE (b)                            | 0/0.00   | 0/0.00     | 1/2.00    | 0/1.00   | 1/2.00    | 0/0.00    |
| POLY-3 PERCENT (g)                         | 0%       | 0%         | 50%       | 0%       | 50%       | 0%        |
| TERMINAL (d)                               | 0/0 (0%) | 0/0 (0%)   | 1/2 (50%) | 0/1 (0%) | 1/2 (50%) | 0/0 (0%)  |
| FIRST INCIDENCE                            | ---      | ---        | 93 (T)    | ---      | 93 (T)    | ---       |
| <b>STATISTICAL TESTS</b>                   |          |            |           |          |           |           |
| POLY 3                                     | (e)      | (e)        | (e)       | (e)      | (e)       | (e)       |
| POLY 1.5                                   | (e)      | (e)        | (e)       | (e)      | (e)       | (e)       |
| POLY 6                                     | (e)      | (e)        | (e)       | (e)      | (e)       | (e)       |
| COCH-ARM / FISHERS                         | P=1.000  | (e)        | (e)       | (e)      | (e)       | (e)       |
| MAX-ISO-POLY-3                             | (e)      | (e)        | (e)       | (e)      | (e)       | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                               | Females  |            |          |          |           |           |
|------------------------------------|----------|------------|----------|----------|-----------|-----------|
|                                    | 0 MG/KG  | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Mesentery: Fat<br/>Necrosis</b> |          |            |          |          |           |           |
| <b>LESION RATES</b>                |          |            |          |          |           |           |
| OVERALL (a)                        | 0/0 (0%) | 1/1 (100%) | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/0 (0%)  |
| POLY-3 RATE (b)                    | 0/0.00   | 1/1.00     | 0/0.00   | 0/0.00   | 0/0.00    | 0/0.00    |
| POLY-3 PERCENT (g)                 | 0%       | 100%       | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)                       | 0/0 (0%) | 1/1 (100%) | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/0 (0%)  |
| FIRST INCIDENCE                    | ---      | 93 (T)     | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b>           |          |            |          |          |           |           |
| POLY 3                             | (e)      | (e)        | (e)      | (e)      | (e)       | (e)       |
| POLY 1.5                           | (e)      | (e)        | (e)      | (e)      | (e)       | (e)       |
| POLY 6                             | (e)      | (e)        | (e)      | (e)      | (e)       | (e)       |
| COCH-ARM / FISHERS                 | (e)      | (e)        | (e)      | (e)      | (e)       | (e)       |
| MAX-ISO-POLY-3                     | (e)      | (e)        | (e)      | (e)      | (e)       | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE   | Females  |            |          |          |           |            |
|--|----------|------------|----------|----------|-----------|------------|
|  | 0 MG/KG  | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG  |
| <b>Pituitary Gland: Pars Distalis<br/>Cyst</b> |          |            |          |          |           |            |
| <b>LESION RATES</b>                            |          |            |          |          |           |            |
| OVERALL (a)                                    | 0/9 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 1/10 (10%) |
| POLY-3 RATE (b)                                | 0/9.00   | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 1/10.00    |
| POLY-3 PERCENT (g)                             | 0%       | 0%         | 0%       | 0%       | 0%        | 10%        |
| TERMINAL (d)                                   | 0/9 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 1/10 (10%) |
| FIRST INCIDENCE                                | ---      | ---        | ---      | ---      | ---       | 93 (T)     |
| <b>STATISTICAL TESTS</b>                       |          |            |          |          |           |            |
| POLY 3   | (e)      | (e)        | (e)      | (e)      | (e)       | P=0.521    |
| POLY 1.5                                       | (e)      | (e)        | (e)      | (e)      | (e)       | P=0.521    |
| POLY 6   | (e)      | (e)        | (e)      | (e)      | (e)       | P=0.521    |
| COCH-ARM / FISHERS                             | P=0.440  | (e)        | (e)      | (e)      | (e)       | P=0.526    |
| MAX-ISO-POLY-3                                 | (e)      | (e)        | (e)      | (e)      | (e)       | P=0.178    |



Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Females   |            |          |          |           |           |
|--------------------------|-----------|------------|----------|----------|-----------|-----------|
|                          | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG  | 50 MG/KG | 100 MG/KG | 500 MG/KG |
| <b>Salivary Glands</b>   |           |            |          |          |           |           |
| <b>Necrosis</b>          |           |            |          |          |           |           |
| <b>LESION RATES</b>      |           |            |          |          |           |           |
| OVERALL (a)              | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| POLY-3 RATE (b)          | 0/10.00   | 0/0.00     | 0/0.00   | 0/0.00   | 0/0.00    | 0/10.00   |
| POLY-3 PERCENT (g)       | 0%        | 0%         | 0%       | 0%       | 0%        | 0%        |
| TERMINAL (d)             | 0/10 (0%) | 0/0 (0%)   | 0/0 (0%) | 0/0 (0%) | 0/0 (0%)  | 0/10 (0%) |
| FIRST INCIDENCE          | ---       | ---        | ---      | ---      | ---       | ---       |
| <b>STATISTICAL TESTS</b> |           |            |          |          |           |           |
| POLY 3                   | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 1.5                 | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| POLY 6                   | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| COCH-ARM / FISHERS       | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |
| MAX-ISO-POLY-3           | (n)       | (n)        | (n)      | (n)      | (n)       | (n)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

## P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                              | Females   |            |           |           |           |            |
|-----------------------------------|-----------|------------|-----------|-----------|-----------|------------|
|                                   | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG | 500 MG/KG  |
| <b>Stomach, Glandular Erosion</b> |           |            |           |           |           |            |
| <b>LESION RATES</b>               |           |            |           |           |           |            |
| OVERALL (a)                       | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 3/10 (30%) |
| POLY-3 RATE (b)                   | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 0/10.00   | 3/10.00    |
| POLY-3 PERCENT (g)                | 0%        | 0%         | 0%        | 0%        | 0%        | 30%        |
| TERMINAL (d)                      | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/10 (0%) | 3/10 (30%) |
| FIRST INCIDENCE                   | ---       | ---        | ---       | ---       | ---       | 93 (T)     |
| <b>STATISTICAL TESTS</b>          |           |            |           |           |           |            |
| POLY 3                            | P<0.001** | (e)        | (e)       | (e)       | (e)       | P=0.095    |
| POLY 1.5                          | P<0.001** | (e)        | (e)       | (e)       | (e)       | P=0.095    |
| POLY 6                            | P<0.001** | (e)        | (e)       | (e)       | (e)       | P=0.095    |
| COCH-ARM / FISHERS                | P<0.001** | (e)        | (e)       | (e)       | (e)       | P=0.105    |
| MAX-ISO-POLY-3                    | P<0.001** | (e)        | (e)       | (e)       | (e)       | P=0.025*   |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE   | Females   |            |           |           |            |           |
|--|-----------|------------|-----------|-----------|------------|-----------|
|  | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG  | 500 MG/KG |
| <b>Stomach, Glandular: Glands Dilatation</b> |           |            |           |           |            |           |
| <b>LESION RATES</b>                          |           |            |           |           |            |           |
| OVERALL (a)                                  | 0/10 (0%) | 1/10 (10%) | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 0/10 (0%) |
| POLY-3 RATE (b)                              | 0/10.00   | 1/10.00    | 0/10.00   | 0/10.00   | 1/10.00    | 0/10.00   |
| POLY-3 PERCENT (g)                           | 0%        | 10%        | 0%        | 0%        | 10%        | 0%        |
| TERMINAL (d)                                 | 0/10 (0%) | 1/10 (10%) | 0/10 (0%) | 0/10 (0%) | 1/10 (10%) | 0/10 (0%) |
| FIRST INCIDENCE                              | ---       | 93 (T)     | ---       | ---       | 93 (T)     | ---       |
| <b>STATISTICAL TESTS</b>                     |           |            |           |           |            |           |
| POLY 3                                       | P=0.627N  | P=0.500    | (e)       | (e)       | P=0.500    | (e)       |
| POLY 1.5                                     | P=0.627N  | P=0.500    | (e)       | (e)       | P=0.500    | (e)       |
| POLY 6                                       | P=0.627N  | P=0.500    | (e)       | (e)       | P=0.500    | (e)       |
| COCH-ARM / FISHERS                           | P=0.629N  | P=0.500    | (e)       | (e)       | P=0.500    | (e)       |
| MAX-ISO-POLY-3                               | P=0.270N  | P=0.158    | (e)       | (e)       | P=0.158    | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

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First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Females   |            |           |           |           |            |
|--------------------------|-----------|------------|-----------|-----------|-----------|------------|
|                          | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG  | 100 MG/KG | 500 MG/KG  |
| <b>Thymus Atrophy</b>    |           |            |           |           |           |            |
| <b>LESION RATES</b>      |           |            |           |           |           |            |
| OVERALL (a)              | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/9 (0%)  | 4/10 (40%) |
| POLY-3 RATE (b)          | 0/10.00   | 0/10.00    | 0/10.00   | 0/10.00   | 0/9.00    | 4/10.00    |
| POLY-3 PERCENT (g)       | 0%        | 0%         | 0%        | 0%        | 0%        | 40%        |
| TERMINAL (d)             | 0/10 (0%) | 0/10 (0%)  | 0/10 (0%) | 0/10 (0%) | 0/9 (0%)  | 4/10 (40%) |
| FIRST INCIDENCE          | ---       | ---        | ---       | ---       | ---       | 93 (T)     |
| <b>STATISTICAL TESTS</b> |           |            |           |           |           |            |
| POLY 3                   | P<0.001** | (e)        | (e)       | (e)       | (e)       | P=0.033*   |
| POLY 1.5                 | P<0.001** | (e)        | (e)       | (e)       | (e)       | P=0.033*   |
| POLY 6                   | P<0.001** | (e)        | (e)       | (e)       | (e)       | P=0.033*   |
| COCH-ARM / FISHERS       | P<0.001** | (e)        | (e)       | (e)       | (e)       | P=0.043*   |
| MAX-ISO-POLY-3           | P<0.001** | (e)        | (e)       | (e)       | (e)       | P=0.007**  |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                     | Females   |            |            |           |           |           |
|--------------------------|-----------|------------|------------|-----------|-----------|-----------|
|                          | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG    | 50 MG/KG  | 100 MG/KG | 500 MG/KG |
| <b>Thymus Hemorrhage</b> |           |            |            |           |           |           |
| <b>LESION RATES</b>      |           |            |            |           |           |           |
| OVERALL (a)              | 0/10 (0%) | 0/10 (0%)  | 1/10 (10%) | 0/10 (0%) | 0/9 (0%)  | 0/10 (0%) |
| POLY-3 RATE (b)          | 0/10.00   | 0/10.00    | 1/10.00    | 0/10.00   | 0/9.00    | 0/10.00   |
| POLY-3 PERCENT (g)       | 0%        | 0%         | 10%        | 0%        | 0%        | 0%        |
| TERMINAL (d)             | 0/10 (0%) | 0/10 (0%)  | 1/10 (10%) | 0/10 (0%) | 0/9 (0%)  | 0/10 (0%) |
| FIRST INCIDENCE          | ---       | ---        | 93 (T)     | ---       | ---       | ---       |
| <b>STATISTICAL TESTS</b> |           |            |            |           |           |           |
| POLY 3                   | P=0.702N  | (e)        | P=0.500    | (e)       | (e)       | (e)       |
| POLY 1.5                 | P=0.702N  | (e)        | P=0.500    | (e)       | (e)       | (e)       |
| POLY 6                   | P=0.702N  | (e)        | P=0.500    | (e)       | (e)       | (e)       |
| COCH-ARM / FISHERS       | P=0.704N  | (e)        | P=0.500    | (e)       | (e)       | (e)       |
| MAX-ISO-POLY-3           | P=0.283N  | (e)        | P=0.158    | (e)       | (e)       | (e)       |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

CAS Number: 32534-81-9

Date Report Requested: 07/23/2014

Time Report Requested: 13:31:07

First Dose M/F: 07/20/04 / 07/19/04

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(F 344/N)  
TERMINAL SACRIFICE AT 14 WEEKS**

| DOSE                                       | Females   |            |           |            |            |              |
|--|-----------|------------|-----------|------------|------------|--------------|
|  | 0 MG/KG   | 0.01 MG/KG | 5 MG/KG   | 50 MG/KG   | 100 MG/KG  | 500 MG/KG    |
| <b>Thyroid Gland: Follicle Hypertrophy</b> |           |            |           |            |            |              |
| <b>LESION RATES</b>                        |           |            |           |            |            |              |
| OVERALL (a)                                | 0/10 (0%) | 0/0 (0%)   | 0/10 (0%) | 8/10 (80%) | 9/10 (90%) | 10/10 (100%) |
| POLY-3 RATE (b)                            | 0/10.00   | 0/0.00     | 0/10.00   | 8/10.00    | 9/10.00    | 10/10.00     |
| POLY-3 PERCENT (g)                         | 0%        | 0%         | 0%        | 80%        | 90%        | 100%         |
| TERMINAL (d)                               | 0/10 (0%) | 0/0 (0%)   | 0/10 (0%) | 8/10 (80%) | 9/10 (90%) | 10/10 (100%) |
| FIRST INCIDENCE                            | ---       | ---        | ---       | 93 (T)     | 93 (T)     | 93 (T)       |
| <b>STATISTICAL TESTS</b>                   |           |            |           |            |            |              |
| POLY 3                                     | (e)       | (e)        | (e)       | P<0.001**  | P<0.001**  | P<0.001**    |
| POLY 1.5                                   | (e)       | (e)        | (e)       | P<0.001**  | P<0.001**  | P<0.001**    |
| POLY 6                                     | (e)       | (e)        | (e)       | P<0.001**  | P<0.001**  | P<0.001**    |
| COCH-ARM / FISHERS                         | P<0.001** | (e)        | (e)       | P<0.001**  | P<0.001**  | P<0.001**    |
| MAX-ISO-POLY-3                             | (e)       | (e)        | (e)       | P<0.001**  | P<0.001**  | (e)          |

Experiment Number: 20209 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F 344/N

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Pentabromodiphenyl oxide (technical) (DE 71)

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**LEGEND**

- (a) Number of tumor-bearing animals/number of animals examined at site.
  - (b) Number of tumor-bearing animals/Poly-3 number
  - (d) Observed incidence at terminal kill.
  - (e) Value of statistic cannot be computed.
  - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
  - (g) Poly-3 adjusted lifetime tumor incidence.
  - (n) No statistics are calculated if all dose groups have fewer than two tumors.
  - (I) Interim sacrifice
  - (T) Terminal sacrifice
  - # Tumor rates based on numbers of animals necropsied.
  - \* To the right of any statistical result, indicates significance at ( $P \leq 0.05$ ).
  - \*\* To the right of any statistical result, indicates significance at ( $P \leq 0.01$ ).
  - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

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