

**TDMS No.** 93027 - 41  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** RATS/SD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
**CAS Number:** 94-75-7

**Date Report Requested:** 06/24/2009  
**Time Report Requested:** 13:52:47  
**First Dose M/F:** 02/23/95 / NA  
**Lab:** BAT

F1\_Rev1\_R8

**C Number:** C93027C  
**Lock Date:** 06/12/1996  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Male  
**TDMSE Version:** 2.1.0

**TDMS No.** 93027 - 41  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** RATS/SD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
**CAS Number:** 94-75-7

**Date Report Requested:** 06/24/2009  
**Time Report Requested:** 13:52:47  
**First Dose M/F:** 02/23/95 / NA  
**Lab:** BAT

**SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF PEROXISOME PROJECT (2,4-DICHLOROPHENOXYACETIC ACID)**

**MALE RATS**

**Organ**

Kidney  
Kidney: Corticomedullary Junction, Renal Tubule  
Stomach, Glandular

**Morphology**

Nephropathy  
Regeneration  
Mineralization

TDMS No. 93027 - 41  
 Test Type: 90-DAY  
 Route: DOSED FEED  
 Species/Strain: RATS/SD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
 CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
 Time Report Requested: 13:52:47  
 First Dose M/F: 02/23/95 / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)**  
**TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 PPM	17 PPM	83 PPM	250 PPM	750 PPM	1250 PPM
<b>Adrenal Cortex: Zona Glomerulosa</b>						
<b>Vacuolization Cytoplasmic</b>						
<b>LESION RATES</b>						
<b>OVERALL (a)</b>	0/10 (0%)	1/10 (10%)	1/10 (10%)	1/10 (10%)	1/10 (10%)	1/10 (10%)
<b>POLY-3 RATE (b)</b>	0/10.00	1/10.00	1/10.00	1/10.00	1/10.00	1/10.00
<b>POLY-3 PERCENT (g)</b>	0%	10%	10%	10%	10%	10%
<b>TERMINAL (d)</b>	0/10 (0%)	1/10 (10%)	1/10 (10%)	1/10 (10%)	1/10 (10%)	1/10 (10%)
<b>FIRST INCIDENCE</b>	---	92 (T)	92 (T)	92 (T)	92 (T)	92 (T)
<b>STATISTICAL TESTS</b>						
<b>POLY 3</b>	P=0.199	P=0.500	P=0.500	P=0.500	P=0.500	P=0.500
<b>POLY 1.5</b>	P=0.199	P=0.500	P=0.500	P=0.500	P=0.500	P=0.500
<b>POLY 6</b>	P=0.199	P=0.500	P=0.500	P=0.500	P=0.500	P=0.500
<b>COCH-ARM / FISHERS</b>	P=0.190	P=0.500	P=0.500	P=0.500	P=0.500	P=0.500
<b>MAX-ISO-POLY-3</b>	P=0.143	P=0.158	P=0.158	P=0.158	P=0.158	P=0.158

TDMS No. 93027 - 41  
Test Type: 90-DAY  
Route: DOSED FEED  
Species/Strain: RATS/SD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
Time Report Requested: 13:52:47  
First Dose M/F: 02/23/95 / NA  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)  
TERMINAL SACRIFICE AT 14 WEEKS**

---

**Males**

**DOSE**                      **2500 PPM**

---

**Adrenal Cortex: Zona Glomerulosa**  
**Vacuolization Cytoplasmic**

---

**LESION RATES**

<b>OVERALL (a)</b>	2/10 (20%)
<b>POLY-3 RATE (b)</b>	2/10.00
<b>POLY-3 PERCENT (g)</b>	20%
<b>TERMINAL (d)</b>	2/10 (20%)
<b>FIRST INCIDENCE</b>	92 (T)

---

**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.227
<b>POLY 1.5</b>	P=0.227
<b>POLY 6</b>	P=0.227
<b>COCH-ARM / FISHERS</b>	P=0.237
<b>MAX-ISO-POLY-3</b>	P=0.068

---

TDMS No. 93027 - 41  
 Test Type: 90-DAY  
 Route: DOSED FEED  
 Species/Strain: RATS/SD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
 CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
 Time Report Requested: 13:52:47  
 First Dose M/F: 02/23/95 / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)**  
**TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 PPM	17 PPM	83 PPM	250 PPM	750 PPM	1250 PPM
<b>Heart</b>						
<b>Cardiomyopathy</b>						
<b>LESION RATES</b>						
<b>OVERALL (a)</b>	6/10 (60%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
<b>POLY-3 RATE (b)</b>	6/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/0.00
<b>POLY-3 PERCENT (g)</b>	60%	0%	0%	0%	0%	0%
<b>TERMINAL (d)</b>	6/10 (60%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
<b>FIRST INCIDENCE</b>	92 (T)	---	---	---	---	---
<b>STATISTICAL TESTS</b>						
<b>POLY 3</b>	(e)	(e)	(e)	(e)	(e)	(e)
<b>POLY 1.5</b>	(e)	(e)	(e)	(e)	(e)	(e)
<b>POLY 6</b>	(e)	(e)	(e)	(e)	(e)	(e)
<b>COCH-ARM / FISHERS</b>	P=0.131N	(e)	(e)	(e)	(e)	(e)
<b>MAX-ISO-POLY-3</b>	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93027 - 41  
Test Type: 90-DAY  
Route: DOSED FEED  
Species/Strain: RATS/SD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
Time Report Requested: 13:52:47  
First Dose M/F: 02/23/95 / NA  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)  
TERMINAL SACRIFICE AT 14 WEEKS**

---

**Males**

---

**DOSE**                      **2500 PPM**

---

Heart  
Cardiomyopathy

---

**LESION RATES**

OVERALL (a)	3/10 (30%)
POLY-3 RATE (b)	3/10.00
POLY-3 PERCENT (g)	30%
TERMINAL (d)	3/10 (30%)
FIRST INCIDENCE	92 (T)

---

**STATISTICAL TESTS**

POLY 3	P=0.186N
POLY 1.5	P=0.186N
POLY 6	P=0.186N
COCH-ARM / FISHERS	P=0.185N
MAX-ISO-POLY-3	P=0.090N

---

TDMS No. 93027 - 41  
 Test Type: 90-DAY  
 Route: DOSED FEED  
 Species/Strain: RATS/SD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
 CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
 Time Report Requested: 13:52:47  
 First Dose M/F: 02/23/95 / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)**  
**TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 PPM	17 PPM	83 PPM	250 PPM	750 PPM	1250 PPM
<b>Kidney Nephropathy</b>						
<b>LESION RATES</b>						
OVERALL (a)	6/10 (60%)	9/10 (90%)	9/10 (90%)	10/10 (100%)	7/10 (70%)	4/10 (40%)
POLY-3 RATE (b)	6/10.00	9/10.00	9/10.00	10/10.00	7/10.00	4/10.00
POLY-3 PERCENT (g)	60%	90%	90%	100%	70%	40%
TERMINAL (d)	6/10 (60%)	9/10 (90%)	9/10 (90%)	10/10 (100%)	7/10 (70%)	4/10 (40%)
FIRST INCIDENCE	92 (T)	92 (T)	92 (T)	92 (T)	92 (T)	92 (T)
<b>STATISTICAL TESTS</b>						
POLY 3	P<0.001N**	P=0.148	P=0.148	P=0.033*	P=0.500	P=0.333N
POLY 1.5	P<0.001N**	P=0.148	P=0.148	P=0.033*	P=0.500	P=0.333N
POLY 6	P<0.001N**	P=0.148	P=0.148	P=0.033*	P=0.500	P=0.333N
COCH-ARM / FISHERS	P<0.001N**	P=0.152	P=0.152	P=0.043*	P=0.500	P=0.328N
MAX-ISO-POLY-3	P<0.001N**	P=0.060	P=0.060	P=0.007**	P=0.327	P=0.193N

**TDMS No.** 93027 - 41  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** RATS/SD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
**CAS Number:** 94-75-7

**Date Report Requested:** 06/24/2009  
**Time Report Requested:** 13:52:47  
**First Dose M/F:** 02/23/95 / NA  
**Lab:** BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)**  
**TERMINAL SACRIFICE AT 14 WEEKS**

---

**Males**

**DOSE**                                  **2500 PPM**

---

**Kidney**  
**Nephropathy**

---

**LESION RATES**

<b>OVERALL (a)</b>	2/10 (20%)
<b>POLY-3 RATE (b)</b>	2/10.00
<b>POLY-3 PERCENT (g)</b>	20%
<b>TERMINAL (d)</b>	2/10 (20%)
<b>FIRST INCIDENCE</b>	92 (T)

---

**STATISTICAL TESTS**

<b>POLY 3</b>	P=0.077N
<b>POLY 1.5</b>	P=0.077N
<b>POLY 6</b>	P=0.077N
<b>COCH-ARM / FISHERS</b>	P=0.085N
<b>MAX-ISO-POLY-3</b>	P=0.029N*

---



TDMS No. 93027 - 41  
 Test Type: 90-DAY  
 Route: DOSED FEED  
 Species/Strain: RATS/SD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
 CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
 Time Report Requested: 13:52:47  
 First Dose M/F: 02/23/95 / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)**  
**TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 PPM	17 PPM	83 PPM	250 PPM	750 PPM	1250 PPM
<b>Kidney: Corticomedullary Junction, Renal Tubule Regeneration</b>						
<b>LESION RATES</b>						
OVERALL (a)	0/10 (0%)	1/10 (10%)	5/10 (50%)	5/10 (50%)	9/10 (90%)	10/10 (100%)
POLY-3 RATE (b)	0/10.00	1/10.00	5/10.00	5/10.00	9/10.00	10/10.00
POLY-3 PERCENT (g)	0%	10%	50%	50%	90%	100%
TERMINAL (d)	0/10 (0%)	1/10 (10%)	5/10 (50%)	5/10 (50%)	9/10 (90%)	10/10 (100%)
FIRST INCIDENCE	---	92 (T)	92 (T)	92 (T)	92 (T)	92 (T)
<b>STATISTICAL TESTS</b>						
POLY 3	P<0.001**	P=0.500	P=0.008**	P=0.008**	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P=0.500	P=0.008**	P=0.008**	P<0.001**	P<0.001**
POLY 6	P<0.001**	P=0.500	P=0.008**	P=0.008**	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.016*	P=0.016*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P=0.158	P<0.001**	P<0.001**	P<0.001**	(e)

TDMS No. 93027 - 41  
Test Type: 90-DAY  
Route: DOSED FEED  
Species/Strain: RATS/SD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
Time Report Requested: 13:52:47  
First Dose M/F: 02/23/95 / NA  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)  
TERMINAL SACRIFICE AT 14 WEEKS**

---

**Males**

---

**DOSE**                      **2500 PPM**

---

**Kidney: Corticomedullary Junction, Renal Tubule  
Regeneration**

---

**LESION RATES**

<b>OVERALL (a)</b>	10/10 (100%)
<b>POLY-3 RATE (b)</b>	10/10.00
<b>POLY-3 PERCENT (g)</b>	100%
<b>TERMINAL (d)</b>	10/10 (100%)
<b>FIRST INCIDENCE</b>	92 (T)

---

**STATISTICAL TESTS**

<b>POLY 3</b>	P<0.001**
<b>POLY 1.5</b>	P<0.001**
<b>POLY 6</b>	P<0.001**
<b>COCH-ARM / FISHERS</b>	P<0.001**
<b>MAX-ISO-POLY-3</b>	(e)

---

TDMS No. 93027 - 41  
 Test Type: 90-DAY  
 Route: DOSED FEED  
 Species/Strain: RATS/SD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
 CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
 Time Report Requested: 13:52:47  
 First Dose M/F: 02/23/95 / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)**  
**TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 PPM	17 PPM	83 PPM	250 PPM	750 PPM	1250 PPM
<b>Lung Inflammation</b>						
<b>LESION RATES</b>						
OVERALL (a)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/10.00	0/0.00	0/0.00	0/1.00	0/0.00	0/0.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	0%	0%
TERMINAL (d)	0/10 (0%)	0/0 (0%)	0/0 (0%)	0/1 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
<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=0.118	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 93027 - 41  
 Test Type: 90-DAY  
 Route: DOSED FEED  
 Species/Strain: RATS/SD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
 CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
 Time Report Requested: 13:52:47  
 First Dose M/F: 02/23/95 / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)  
 TERMINAL SACRIFICE AT 14 WEEKS**

Males

DOSE                                    2500 PPM

Lung  
 Inflammation

**LESION RATES**

OVERALL (a)	2/10 (20%)
POLY-3 RATE (b)	2/10.00
POLY-3 PERCENT (g)	20%
TERMINAL (d)	2/10 (20%)
FIRST INCIDENCE	92 (T)

**STATISTICAL TESTS**

POLY 3	P=0.227
POLY 1.5	P=0.227
POLY 6	P=0.227
COCH-ARM / FISHERS	P=0.237
MAX-ISO-POLY-3	P=0.068

TDMS No. 93027 - 41  
 Test Type: 90-DAY  
 Route: DOSED FEED  
 Species/Strain: RATS/SD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
 CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
 Time Report Requested: 13:52:47  
 First Dose M/F: 02/23/95 / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)**  
**TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 PPM	17 PPM	83 PPM	250 PPM	750 PPM	1250 PPM
<b>Preputial Gland Inflammation Chronic</b>						
<b>LESION RATES</b>						
OVERALL (a)	8/10 (80%)	10/10 (100%)	7/9 (78%)	7/8 (88%)	6/9 (67%)	8/10 (80%)
POLY-3 RATE (b)	8/10.00	10/10.00	7/9.00	7/8.00	6/9.00	8/10.00
POLY-3 PERCENT (g)	80%	100%	77.8%	87.5%	66.7%	80%
TERMINAL (d)	8/10 (80%)	10/10 (100%)	7/9 (78%)	7/8 (88%)	6/9 (67%)	8/10 (80%)
FIRST INCIDENCE	92 (T)	92 (T)	92 (T)	92 (T)	92 (T)	92 (T)
<b>STATISTICAL TESTS</b>						
POLY 3	P=0.297	P=0.227	P=0.663N	P=0.580	P=0.448N	P=0.702
POLY 1.5	P=0.297	P=0.227	P=0.663N	P=0.580	P=0.448N	P=0.702
POLY 6	P=0.297	P=0.227	P=0.663N	P=0.580	P=0.448N	P=0.702
COCH-ARM / FISHERS	P=0.297	P=0.237	P=0.667N	P=0.588	P=0.444N	P=0.709N
MAX-ISO-POLY-3	P=0.204	P=0.068	P=0.456N	P=0.350	P=0.269N	P=1.000

TDMS No. 93027 - 41  
Test Type: 90-DAY  
Route: DOSED FEED  
Species/Strain: RATS/SD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
Time Report Requested: 13:52:47  
First Dose M/F: 02/23/95 / NA  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)  
TERMINAL SACRIFICE AT 14 WEEKS**

---

**Males**

---

**DOSE**                      **2500 PPM**

---

Preputial Gland  
Inflammation Chronic

---

**LESION RATES**

OVERALL (a)	10/10 (100%)
POLY-3 RATE (b)	10/10.00
POLY-3 PERCENT (g)	100%
TERMINAL (d)	10/10 (100%)
FIRST INCIDENCE	92 (T)

---

**STATISTICAL TESTS**

POLY 3	P=0.227
POLY 1.5	P=0.227
POLY 6	P=0.227
COCH-ARM / FISHERS	P=0.237
MAX-ISO-POLY-3	P=0.068

---

TDMS No. 93027 - 41  
 Test Type: 90-DAY  
 Route: DOSED FEED  
 Species/Strain: RATS/SD

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
 CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
 Time Report Requested: 13:52:47  
 First Dose M/F: 02/23/95 / NA  
 Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)**  
**TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	0 PPM	17 PPM	83 PPM	250 PPM	750 PPM	1250 PPM
<b>Stomach, Glandular Mineralization</b>						
<b>LESION RATES</b>						
OVERALL (a)	1/10 (10%)	8/10 (80%)	6/10 (60%)	6/10 (60%)	9/10 (90%)	9/10 (90%)
POLY-3 RATE (b)	1/10.00	8/10.00	6/10.00	6/10.00	9/10.00	9/10.00
POLY-3 PERCENT (g)	10%	80%	60%	60%	90%	90%
TERMINAL (d)	1/10 (10%)	8/10 (80%)	6/10 (60%)	6/10 (60%)	9/10 (90%)	9/10 (90%)
FIRST INCIDENCE	92 (T)	92 (T)	92 (T)	92 (T)	92 (T)	92 (T)
<b>STATISTICAL TESTS</b>						
POLY 3	P<0.001**	P<0.001**	P=0.018*	P=0.018*	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	P<0.001**	P=0.018*	P=0.018*	P<0.001**	P<0.001**
POLY 6	P<0.001**	P<0.001**	P=0.018*	P=0.018*	P<0.001**	P<0.001**
COCH-ARM / FISHERS	P=0.004**	P=0.003**	P=0.029*	P=0.029*	P<0.001**	P<0.001**
MAX-ISO-POLY-3	P<0.001**	P<0.001**	P=0.004**	P=0.004**	P<0.001**	P<0.001**

TDMS No. 93027 - 41  
Test Type: 90-DAY  
Route: DOSED FEED  
Species/Strain: RATS/SD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
Time Report Requested: 13:52:47  
First Dose M/F: 02/23/95 / NA  
Lab: BAT

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RATS(SD)  
TERMINAL SACRIFICE AT 14 WEEKS**

---

**Males**

---

**DOSE**                                      **2500 PPM**

---

**Stomach, Glandular  
Mineralization**

---

**LESION RATES**

<b>OVERALL (a)</b>	9/10 (90%)
<b>POLY-3 RATE (b)</b>	9/10.00
<b>POLY-3 PERCENT (g)</b>	90%
<b>TERMINAL (d)</b>	9/10 (90%)
<b>FIRST INCIDENCE</b>	92 (T)

---

**STATISTICAL TESTS**

<b>POLY 3</b>	P<0.001**
<b>POLY 1.5</b>	P<0.001**
<b>POLY 6</b>	P<0.001**
<b>COCH-ARM / FISHERS</b>	P<0.001**
<b>MAX-ISO-POLY-3</b>	P<0.001**

---



TDMS No. 93027 - 41  
Test Type: 90-DAY  
Route: DOSED FEED  
Species/Strain: RATS/SD

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
Peroxisome project (2,4-Dichlorophenoxyacetic acid)  
CAS Number: 94-75-7

Date Report Requested: 06/24/2009  
Time Report Requested: 13:52:47  
First Dose M/F: 02/23/95 / NA  
Lab: BAT

## 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.  
(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 \*\*\*