

**TDMS No.** 99002-04  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1

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

O-CHLOROPYRIDINE  
**CAS Number:** 109-09-1  
**Pathologist:** LANNING, L. - Blackshear, P.  
F1\_M3

**Date Report Requested:** 05/11/2006  
**Time Report Requested:** 9:04:17  
**First Dose M/F:** 07/31/03 / 08/01/03  
**Lab:** MBA

**C Number:** C99002B  
**Lock Date:** 12/16/2004  
**Cage Range:** 1 - 9999  
**Date Range:** 1-JAN-1940 to 17-SEP-2040  
**Reasons For Removal:** ALL  
**Removal Date Range:** JAN /1 /1940 - SEP /17 /2040  
**Treatment Groups:** Include 1 VEHICLE CONTROL  
Include 8 10 PPM  
Include 4 100 PPM  
Include 11 300 PPM

Include 7 VEHICLE CONTROL  
Include 3 30 PPM  
Include 10 100 PPM  
Include 6 1000 PPM

Include 2 10 PPM  
Include 9 30 PPM  
Include 5 300 PPM  
Include 12 1000 PPM

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**SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF O-CHLOROPYRIDINE**

**MALE MICE**

**Organ**

Liver: Hepatocyte, Centrilobular

**Morphology**

Hypertrophy

**FEMALE MICE**

**Organ**

Liver: Hepatocyte, Centrilobular

**Morphology**

Hypertrophy

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

Adrenal Cortex: Subcapsular  
 Hyperplasia Focal

**LESION RATES**

OVERALL (a)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
POLY-3 RATE (b)	0/9.00	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)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/10 (20%)
FIRST INCIDENCE	---	---	---	---	---	92 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.192	(e)	(e)	(e)	(e)	P=0.257
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.251
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.251
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.251
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	P=0.257
COCH-ARM / FISHERS	P=0.186	(e)	(e)	(e)	(e)	P=0.263
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

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 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

**Kidney  
 Mineralization**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	0/10.00	2/10.00	0/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	20%	0%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	92 (T)	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.678	(e)	(e)	(e)	P=0.234	(e)
POLY 3	P=0.687	(e)	(e)	(e)	P=0.227	(e)
POLY 1.5	P=0.687	(e)	(e)	(e)	P=0.227	(e)
POLY 6	P=0.687	(e)	(e)	(e)	P=0.227	(e)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	P=0.234	(e)
COCH-ARM / FISHERS	P=0.679	(e)	(e)	(e)	P=0.237	(e)
ORDER RESTRICTED	P=0.165	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.181	(e)	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

**Kidney  
 Nephropathy**

**LESION RATES**

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	---	---	---	---	---	92 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.124	(e)	(e)	(e)	(e)	P=0.500
POLY 3	P=0.124	(e)	(e)	(e)	(e)	P=0.500
POLY 1.5	P=0.124	(e)	(e)	(e)	(e)	P=0.500
POLY 6	P=0.124	(e)	(e)	(e)	(e)	P=0.500
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.122	(e)	(e)	(e)	(e)	P=0.500
ORDER RESTRICTED	P=0.064	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.078	(e)	(e)	(e)	(e)	(e)

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 O-CHLOROPYRIDINE  
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 Pathologist: LANNING, L. - Blackshear, P.

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

**Kidney: Renal Tubule  
 Vacuolization Cytoplasmic**

**LESION RATES**

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

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)	(e)	(e)
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)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

Liver  
 Necrosis Focal

**LESION RATES**

OVERALL (a)	1/10 (10%)	0/10 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
POLY-3 RATE (b)	1/10.00	0/10.00	2/10.00	0/10.00	0/10.00	2/10.00
POLY-3 PERCENT (g)	10%	0%	20%	0%	0%	20%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)	2/10 (20%)
FIRST INCIDENCE	92 (T)	---	92 (T)	---	---	92 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.253	P=0.500N	P=0.500	P=0.500N	P=0.500N	P=0.500
POLY 3	P=0.250	P=0.500N	P=0.500	P=0.500N	P=0.500N	P=0.500
POLY 1.5	P=0.250	P=0.500N	P=0.500	P=0.500N	P=0.500N	P=0.500
POLY 6	P=0.250	P=0.500N	P=0.500	P=0.500N	P=0.500N	P=0.500
LOGISTIC REGRESSION	P=0.253	(e)	P=0.500	(e)	(e)	P=0.500
COCH-ARM / FISHERS	P=0.251	P=0.500N	P=0.500	P=0.500N	P=0.500N	P=0.500
ORDER RESTRICTED	P=0.193	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.208	(e)	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

Liver: Hepatocyte, Centrilobular Hypertrophy

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	6/10 (60%)	9/10 (90%)
POLY-3 RATE (b)	0/10.00	0/10.00	0/10.00	1/10.00	6/10.00	9/10.00
POLY-3 PERCENT (g)	0%	0%	0%	10%	60%	90%
TERMINAL (d)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)	6/10 (60%)	9/10 (90%)
FIRST INCIDENCE	---	---	---	92 (T)	92 (T)	92 (T)

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	P=0.500	P=0.009**	P<0.001**
POLY 3	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
POLY 6	P<0.001**	(e)	(e)	P=0.500	P<0.001**	P<0.001**
LOGISTIC REGRESSION	(e)	(e)	(e)	P=0.500	P=0.009**	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	P=0.500	P=0.005**	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)



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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

**Spleen  
 Hematopoietic Cell Proliferation**

**LESION RATES**

OVERALL (a)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	0/0.00	0/0.00	0/0.00	0/0.00	10/10.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	0%	100%
TERMINAL (d)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
FIRST INCIDENCE	92 (T)	---	---	---	---	92 (T)

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)	(e)	(e)
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)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Males					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

**Stomach, Glandular  
 Cyst Epithelial Inclusion**

**LESION RATES**

OVERALL (a)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	2/10.00	0/0.00	0/0.00	0/0.00	0/0.00	0/10.00
POLY-3 PERCENT (g)	20%	0%	0%	0%	0%	0%
TERMINAL (d)	2/10 (20%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	92 (T)	---	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.172N	P=1.000N	P=1.000N	P=1.000N	P=1.000N	P=0.234N
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.227N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.227N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.227N
LOGISTIC REGRESSION	P=0.172N	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.166N	P=1.000	P=1.000	P=1.000	P=1.000	P=0.237N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

Adrenal Cortex: Subcapsular  
 Hyperplasia Focal

**LESION RATES**

OVERALL (a)	10/10 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
POLY-3 RATE (b)	10/10.00	0/0.00	0/0.00	0/0.00	0/0.00	10/10.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	0%	100%
TERMINAL (d)	9/9 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
FIRST INCIDENCE	74	---	---	---	---	92 (T)

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)	(e)	(e)
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)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

**Kidney  
 Mineralization**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.52	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)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)	(e)	(e)
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)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 99002-04  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 O-CHLOROPYRIDINE  
 CAS Number: 109-09-1  
 Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
 Time Report Requested: 9:04:17  
 First Dose M/F: 07/31/03 / 08/01/03  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

**Kidney  
 Nephropathy**

**LESION RATES**

OVERALL (a)	0/10 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.52	2/10.00	0/10.00	0/10.00	0/10.00	0/10.00
POLY-3 PERCENT (g)	0%	20%	0%	0%	0%	0%
TERMINAL (d)	0/9 (0%)	2/10 (20%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	92 (T)	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	P=0.407N	P=0.257	(e)	(e)	(e)	(e)
POLY 3	P=0.401N	P=0.238	(e)	(e)	(e)	(e)
POLY 1.5	P=0.404N	P=0.233	(e)	(e)	(e)	(e)
POLY 6	P=0.398N	P=0.245	(e)	(e)	(e)	(e)
LOGISTIC REGRESSION	(e)	P=0.257	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P=0.412N	P=0.237	(e)	(e)	(e)	(e)
ORDER RESTRICTED	P=0.165N	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.191N	(e)	(e)	(e)	(e)	(e)

TDMS No. 99002-04  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 O-CHLOROPYRIDINE  
 CAS Number: 109-09-1  
 Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
 Time Report Requested: 9:04:17  
 First Dose M/F: 07/31/03 / 08/01/03  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

**Kidney: Renal Tubule  
 Vacuolization Cytoplasmic**

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.52	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)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)	(e)	(e)
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)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 99002-04  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 O-CHLOROPYRIDINE  
 CAS Number: 109-09-1  
 Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
 Time Report Requested: 9:04:17  
 First Dose M/F: 07/31/03 / 08/01/03  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

Liver  
 Necrosis Focal

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
POLY-3 RATE (b)	0/9.52	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)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	1/10 (10%)
FIRST INCIDENCE	---	---	---	---	---	92 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.127	(e)	(e)	(e)	(e)	P=0.521
POLY 3	P=0.125	(e)	(e)	(e)	(e)	P=0.510
POLY 1.5	P=0.125	(e)	(e)	(e)	(e)	P=0.506
POLY 6	P=0.126	(e)	(e)	(e)	(e)	P=0.515
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	P=0.521
COCH-ARM / FISHERS	P=0.122	(e)	(e)	(e)	(e)	P=0.500
ORDER RESTRICTED	P=0.071	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P=0.092	(e)	(e)	(e)	(e)	(e)

TDMS No. 99002-04  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 O-CHLOROPYRIDINE  
 CAS Number: 109-09-1  
 Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
 Time Report Requested: 9:04:17  
 First Dose M/F: 07/31/03 / 08/01/03  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

Liver: Hepatocyte, Centrilobular Hypertrophy

**LESION RATES**

OVERALL (a)	0/10 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)	10/10 (100%)
POLY-3 RATE (b)	0/9.52	0/10.00	0/10.00	0/10.00	4/10.00	10/10.00
POLY-3 PERCENT (g)	0%	0%	0%	0%	40%	100%
TERMINAL (d)	0/9 (0%)	0/10 (0%)	0/10 (0%)	0/10 (0%)	4/10 (40%)	10/10 (100%)
FIRST INCIDENCE	---	---	---	---	92 (T)	92 (T)

**STATISTICAL TESTS**

LIFE TABLE	P<0.001**	(e)	(e)	(e)	P=0.063	P<0.001**
POLY 3	P<0.001**	(e)	(e)	(e)	P=0.038*	P<0.001**
POLY 1.5	P<0.001**	(e)	(e)	(e)	P=0.036*	P<0.001**
POLY 6	P<0.001**	(e)	(e)	(e)	P=0.041*	P<0.001**
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	P=0.063	P<0.001**
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	P=0.043*	P<0.001**
ORDER RESTRICTED	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)



TDMS No. 99002-04  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 O-CHLOROPYRIDINE  
 CAS Number: 109-09-1  
 Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
 Time Report Requested: 9:04:17  
 First Dose M/F: 07/31/03 / 08/01/03  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

**Spleen  
 Hematopoietic Cell Proliferation**

**LESION RATES**

OVERALL (a)	9/9 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
POLY-3 RATE (b)	9/9.00	0/0.00	0/0.00	0/0.00	0/0.00	10/10.00
POLY-3 PERCENT (g)	100%	0%	0%	0%	0%	100%
TERMINAL (d)	9/9 (100%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/10 (100%)
FIRST INCIDENCE	92 (T)	---	---	---	---	92 (T)

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)	(e)	(e)
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)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 99002-04  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 O-CHLOROPYRIDINE  
 CAS Number: 109-09-1  
 Pathologist: LANNING, L. - Blackshear, P.

Date Report Requested: 05/11/2006  
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 First Dose M/F: 07/31/03 / 08/01/03  
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

**Stomach, Glandular  
 Cyst Epithelial Inclusion**

**LESION RATES**

OVERALL (a)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
POLY-3 RATE (b)	0/9.00	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)	0/9 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/10 (0%)
FIRST INCIDENCE	---	---	---	---	---	---

**STATISTICAL TESTS**

LIFE TABLE	(e)	(e)	(e)	(e)	(e)	(e)
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)
LOGISTIC REGRESSION	(e)	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	(e)	(e)	(e)	(e)	(e)	(e)
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

TDMS No. 99002-04  
 Test Type: 90-DAY  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS  
 O-CHLOROPYRIDINE  
 CAS Number: 109-09-1  
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 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MICE(B6C3F1)  
 TERMINAL SACRIFICE AT 14 WEEKS**

DOSE	Females					
	VEHICLE CONTROL	10 PPM	30 PPM	100 PPM	300 PPM	1000 PPM

Uterus: Endometrium  
 Hyperplasia Cystic

**LESION RATES**

OVERALL (a)	4/10 (40%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
POLY-3 RATE (b)	4/9.52	0/0.00	0/0.00	0/0.00	0/0.00	3/10.00
POLY-3 PERCENT (g)	42%	0%	0%	0%	0%	30%
TERMINAL (d)	4/9 (44%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/10 (30%)
FIRST INCIDENCE	92 (T)	---	---	---	---	92 (T)

**STATISTICAL TESTS**

LIFE TABLE	P=0.378N	P=1.000N	P=1.000N	P=1.000	P=1.000N	P=0.432N
POLY 3	(e)	(e)	(e)	(e)	(e)	P=0.469N
POLY 1.5	(e)	(e)	(e)	(e)	(e)	P=0.482N
POLY 6	(e)	(e)	(e)	(e)	(e)	P=0.452N
LOGISTIC REGRESSION	P=0.378N	(e)	(e)	(e)	(e)	P=0.432N
COCH-ARM / FISHERS	P=0.444N	P=1.000	P=1.000	P=1.000	P=1.000	P=0.500N
ORDER RESTRICTED	(e)	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

**TDMS No.** 99002-04  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
O-CHLOROPYRIDINE  
**CAS Number:** 109-09-1  
**Pathologist:** LANNING, L. - Blackshear, P.

**Date Report Reqsted:** 05/11/2006  
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**Lab:** MBA

## **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.
  - (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. The life table analysis regards tumors in animals dying prior to terminal kill as being (directly or indirectly) the cause of death.
  - (e) Value of Statistic cannot be computed.
  - (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
- Logistic regression is an alternative method for analyzing the incidence of non-fatal tumors.  
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

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