

TDMS No. 93027 - 44
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: MICE/B6C3F1

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: 13:53:05
First Dose M/F: 03/02/95 / NA
Lab: BAT

F1_Rev1_M3

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

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

MALE MICE

Organ

Kidney: Corticomedullary Junction, Renal Tubule

Morphology

Regeneration

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

DOSE	Males					
	0 PPM	12 PPM	28 PPM	83 PPM	250 PPM	700 PPM
Kidney						
Nephropathy						
LESION RATES						
OVERALL (a)	1/10 (10%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	2/10 (20%)	0/10 (0%)
POLY-3 RATE (b)	1/10.00	0/10.00	0/10.00	2/10.00	2/10.00	0/10.00
POLY-3 PERCENT (g)	10%	0%	0%	20%	20%	0%
TERMINAL (d)	1/10 (10%)	0/10 (0%)	0/10 (0%)	2/10 (20%)	2/10 (20%)	0/10 (0%)
FIRST INCIDENCE	92 (T)	---	---	92 (T)	92 (T)	---
STATISTICAL TESTS						
POLY 3	P=0.254N	P=0.500N	P=0.500N	P=0.500	P=0.500	P=0.500N
POLY 1.5	P=0.254N	P=0.500N	P=0.500N	P=0.500	P=0.500	P=0.500N
POLY 6	P=0.254N	P=0.500N	P=0.500N	P=0.500	P=0.500	P=0.500N
COCH-ARM / FISHERS	P=0.256N	P=0.500N	P=0.500N	P=0.500	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.366N	P=0.158N	P=0.158N	P=0.274	P=0.274	P=0.158N

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TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 PPM	12 PPM	28 PPM	83 PPM	250 PPM	700 PPM
Kidney: Corticomedullary Junction, Renal Tubule Regeneration						
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)	0/10.00	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	---	---	---	---	---	---
STATISTICAL TESTS						
POLY 3	P<0.001**	(e)	(e)	(e)	(e)	(e)
POLY 1.5	P<0.001**	(e)	(e)	(e)	(e)	(e)
POLY 6	P<0.001**	(e)	(e)	(e)	(e)	(e)
COCH-ARM / FISHERS	P<0.001**	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	P<0.001**	(e)	(e)	(e)	(e)	(e)

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TERMINAL SACRIFICE AT 14 WEEKS

DOSE	Males					
	0 PPM	12 PPM	28 PPM	83 PPM	250 PPM	700 PPM
Parathyroid Gland Cyst						
LESION RATES						
OVERALL (a)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
POLY-3 RATE (b)	0/8.00	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)	0/8 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/0 (0%)
FIRST INCIDENCE	---	---	---	---	---	---
STATISTICAL TESTS						
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=0.164	(e)	(e)	(e)	(e)	(e)
MAX-ISO-POLY-3	(e)	(e)	(e)	(e)	(e)	(e)

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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.
(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 ***