

Study Number: I10577

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

C Number:

Study Gender:

PWG Approval Date

PA10X: Statistical Analysis of Non-Neoplastic Lesions

Test Compound: Pyrene

CAS Number: 129-00-0

I10577

Female

See web page for date of PWG Approval

Date Report Requested: 10/16/2019

Time Report Requested: 13:59:16

Lab: BRT with ILS

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Female : Immunopath

Treatment Groups (mg/kg)

	0	3.1	6.3	12.5	25	50	100	200
Disposition Summary								
Animals Initially In Study	8	8	8	8	8	8	8	8
Early Deaths								
Scheduled Deaths								
Scheduled sacrifice, terminal (SD 28)	8	8	8	8	8	8	8	8
Number of Animals Examined	8	8	8	8	8	8	8	8
ALIMENTARY SYSTEM								
LIVER	(8)	(8)	(7)	(7)	(8)	(8)	(8)	(8)
CONGESTION	0 *						2 (25%)	1 (12.5%)
CARDIOVASCULAR SYSTEM								
None								
ENDOCRINE SYSTEM								
ADRENAL GLAND	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)
SUBCAPSULAR HYPERPLASIA	8 (100%)	8 (100%)	8 (100%)	7 (87.5%)	8 (100%)	8 (100%)	8 (100%)	8 (100%)
GENERAL BODY SYSTEM								
None								
GENITAL SYSTEM								
OVARY	(6)	(7)	(7)	(8)	(7)	(8)	(6)	(8)
BURSA; CYST	1 (16.7%)							
HEMATOLYMPHOID SYSTEM								
THYMUS	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)
CYST	0 *				1 (12.5%)			2 (25%)
INTEGUMENTARY SYSTEM								
None								

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0 3.1 6.3 12.5 25 50 100 200

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

LUNG	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)
INFILTRATION, CELLULAR; HISTIOCYTE	1 (12.5%)							1 (12.5%)

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

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LEGEND

Number of animals examined for each tissue shown in parentheses. If none of the animals examined have the specific lesion then there is a blank for that dose group for that specific lesion. The exception to this is if statistical significance is found for a lesion and the control group has no animals with the lesion then a 0 is included for the control group on the table for that lesion.

Number of animals with observation reported with percent incidence in parentheses

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

All trend and pairwise p-values are reported as one-sided.

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****