

Study Number: I10577
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology
Test Compound: Pyrene
CAS Number: 129-00-0

Date Report Requested: 09/16/2021
Time Report Requested: 14:46:07
Lab: BRT with ILS

Study Number: I10577
Study Gender: Female
PWG Approval Date: See web page for date of PWG Approval
Version: v1.3.2
Stat Version: v2.7.2A

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Female: Immunopath									
	Treatment Groups (mg/kg)								
	0	3.1	6.3	12.5	25	50	100	200	10 mg/kg B(a)P
Disposition Summary									
Animals Initially In Study	8	8	8	8	8	8	8	8	8
Censored									
Early Deaths									
Survivors									
Scheduled Sacrifice, Terminal	8	8	8	8	8	8	8	8	8
Number of Animals Examined	8	8	8	8	8	8	8	8	8
ALIMENTARY SYSTEM									
LIVER	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)
DISCOLORATION							2 (25.0%)		
MALFORMATION			2 (25.0%)	1 (12.5%)	1 (12.5%)	1 (12.5%)	1 (12.5%)	1 (12.5%)	2 (25.0%)
CARDIOVASCULAR SYSTEM									
None									
ENDOCRINE SYSTEM									
None									
GENERAL BODY SYSTEM									
None									
GENITAL SYSTEM									
OVARY	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)
CYST	1 (12.5%)								
ENLARGED; MODERATE	1 (12.5%)								
HEMATOLYMPHOID SYSTEM									
SPLEEN	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)
NODULE	1 (12.5%)							1 (12.5%)	

Female: Immunopath									
Treatment Groups (mg/kg)									
	0	3.1	6.3	12.5	25	50	100	200	10 mg/kg B(a)P
INTEGUMENTARY SYSTEM	None								
MUSCULOSKELETAL SYSTEM	None								
NERVOUS SYSTEM	None								
RESPIRATORY SYSTEM	None								
SPECIAL SENSES SYSTEM	None								
URINARY SYSTEM	None								

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LEGEND

Censored animals are scheduled for sacrifice prior to the end of the study. The censored animals are included in the pathology data.

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 (percent) of animals affected given for each observation

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

Statistical analysis for the positive control group compared to the vehicle control group was performed using the Fisher Exact test.

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

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

B(a)P = Benzo(a)pyrene

**** END OF REPORT ****