

Study Number: C20302B-04
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

PA46s: Summary of Gross Pathology
Test Compound: alpha-Pinene
CAS Number: 80-56-8

Date Report Requested: 12/07/2021
Time Report Requested: 09:59:35
Lab: Battelle

Study Number: C20302B-04
Study Sex: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.3.5
Stat Version: v2.7.9A

Male: All Animals				
	Treatment Groups (ppm)			
	0	50	100	200
Disposition Summary				
Animals Initially In Study	15	15	15	15
Censored				
Early Deaths				
Sacrificed, Moribund			1	
Survivors				
Scheduled Sacrifice, Terminal	15	15	14	15
Number of Animals Examined	15	15	15	15
ALIMENTARY SYSTEM				
None				
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
PITUITARY GLAND	(15)	(15)	(15)	(15)
CYST; YELLOW			1 (6.7%)	
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
None				
HEMATOLYMPHOID SYSTEM				
None				
INTEGUMENTARY SYSTEM				
None				

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Male: All Animals				
Treatment Groups (ppm)				
	0	50	100	200
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
None				
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
None				

Female: All Animals				
	Treatment Groups (ppm)			
	0	50	100	200
Disposition Summary				
Animals Initially In Study	15	15	15	15
Censored				
Early Deaths				
Survivors				
Scheduled Sacrifice, Terminal	15	15	15	15
Number of Animals Examined	15	15	15	15
ALIMENTARY SYSTEM				
None				
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
None				
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
None				
HEMATOLYMPHOID SYSTEM				
None				
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
None				

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Female: All Animals				
Treatment Groups (ppm)				
	0	50	100	200
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
None				
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
None				

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LEGEND

Censored animals are animals not in one of the other disposition categories that are removed 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 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 $P \leq 0.01$

'All Animals' includes both the Core and Biosample animals.

**** END OF REPORT ****