

Experiment Number: I14013

Test Type: TOX

Route: Application

Species/Strain: Mouse/Taconic BALB/c

M01: Irritancy Assay Summary

Test Compound: 4-Methylcyclohexanemethanol Crude

Date Report Requested: 10/29/2015

Time Report Requested: 09:38:29

Lab: Burleson Research Technologies

C Number: I14013

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

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Females

Ear Thickness: Percent from Control

Treatment	Day 3	Day 6
Vehicle	0.00 ± 0.96 (5) **	0.00 ± 0.79 (5)
1%	-0.80 ± 0.39 (5)	0.96 ± 0.60 (5)
2%	-0.96 ± 0.00 (5)	-0.32 ± 0.00 (5)
5%	1.92 ± 0.60 (5)	1.13 ± 0.53 (5)
20%	5.75 ± 1.06 (5)	3.86 ± 0.64 (5) **
40%	1.28 ± 0.39 (5)	0.00 ± 0.32 (5)
80%	3.04 ± 1.24 (5)	0.96 ± 0.60 (5)
5% ISO	7.99 ± 0.39 (5) **	6.75 ± 1.20 (5) *
0.15% DNFB	8.15 ± 0.78 (5) **	9.00 ± 0.60 (5) **

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LEGEND

Data are displayed as mean \pm SEM (N)

Statistical significance for the control group indicates a significant trend test

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests

Ear thickness calculated as ear swelling (percent from control) using the following calculation

$((\text{average ear thickness for animal (day 3 or 6)} - \text{control mean ear thickness (day 3 or 6)}) / \text{control mean ear thickness (day 3 or 6)}) * 100$

ISO = Isoeugenol

DNFB = 1-Fluoro-2,4 -dinitrofluorobenzene

**** END OF REPORT ****