

**Experiment Number:** I14001

**Test Type:** TOX

**Route:** Application

**Species/Strain:** Mouse/Taconic BALB/c

**M01: Irritancy Assay Summary**

**Test Compound:** 4-Methylcyclohexanemethanol Pure

**Date Report Requested:** 10/29/2015

**Time Report Requested:** 09:40:23

**Lab:** Burleson Research Technologies

**C Number:** I14001

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Female

Experiment Number: I14001

Test Type: TOX

Route: Application

Species/Strain: Mouse/Taconic BALB/c

**M01: Irritancy Assay Summary**

Test Compound: 4-Methylcyclohexanemethanol Pure

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**Females**

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**Ear Thickness: Percent from Control**

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<b>Treatment</b>	<b>Day 3</b>	<b>Day 6</b>
Vehicle	0.00 ± 0.96 (5) **	0.00 ± 0.79 (5) **
2%	2.08 ± 0.16 (5)	0.32 ± 0.39 (5)
20%	4.47 ± 0.77 (5) **	3.54 ± 0.64 (5) **
50%	6.50 ± 2.13 (3) **	5.31 ± 0.46 (3) **
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

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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 \*\***