C Number:	I14013B
Study Gender:	Female
PWG Approval Date	See web page for date of PWG Approval

Study Number: I14013B
Test Type: TOX
Route: Application
Species/Strain: Mouse/Taconic BALB/c

M02: Hypersensitivity Assay Summary
Test Compound: 4-Methylcyclohexanemethanol Crude
CAS Number: CRUDEMCHM

Date Report Requested: 09/24/2019
Time Report Requested: 12:42:32
Lab: NTP

Females

Treatment Groups	Lymphocyte Proliferation	Stimulation Index
Vehicle	30.46 ± 7.28 (8) **	1.00 ± 0.24 (8) **
1%	33.42 ± 8.63 (8)	1.10 ± 0.28 (8)
5%	22.25 ± 2.98 (8)	0.73 ± 0.10 (8)
25%	44.14 ± 8.23 (8)	1.45 ± 0.27 (8)
50%	68.29 ± 14.10 (8) *	2.24 ± 0.46 (8) *
75%	128.43 ± 16.45 (8) **	4.22 ± 0.54 (8) **
0.15% DNFB	2315.52 ± 380.62 (8) **	76.02 ± 12.50 (8) **

LEGEND

Data are displayed as mean ± SEM (N) unless otherwise noted.

Lymphocyte Proliferation values are displayed as Disintegrations Per Minute (DPM)

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

Statistical analysis for the positive control group compared to the vehicle control group was performed using the Kruskal-Wallis 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 <= 0.05

** Statistically significant at P <= 0.01

Stimulation Index uses the following calculation: Animal Lymphocyte Proliferation / Control Mean Lymphocyte Proliferation

A chemical is classified as a skin sensitizer if one or more test concentrations induces a three-fold or greater increase in draining lymph node cell proliferation compared to current vehicle controls (Stimulation Index [SI] >/= 3) although statistically significant changes in DPM below the SI=3 threshold are also considered.

DNFB = 1-Fluoro-2,4 -dinitrofluorobenzene

** END OF REPORT **