

Experiment Number: C16008-03

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

PA50: Bone Marrow Smear Summary

Test Compound: Crumbrubber various

CAS Number: CRUMBRUBBERVARIOUS

Date Report Requested: 02/12/2018

Time Report Requested: 11:46:39

Lab: Battelle

C Number:

C16008-03

Cage Range:

All

Date Range:

All

Reasons For Removal:

All

Removal Date Range:

All

Treatment Groups:

All

Study Gender:

Female

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| | Phase Day | Treatment Groups (mg/kg) | |
|--|-----------|--------------------------|------------------|
| | | 0 | 1250 |
| Bone Marrow Nucleated Cell Count (10 ³ /uL) | SD 14 | 6.44 ± 0.50 (9) | 5.79 ± 0.79 (9) |
| Percent of Control | | | 89.9 |
| Myeloblast (# cells counted) | SD 14 | 6.9 ± 1.0 (9) | 6.3 ± 0.9 (9) |
| Percent of Control | | | 91.9 |
| Myelocyte (# cells counted) | SD 14 | 13.4 ± 1.4 (9) | 11.7 ± 1.2 (9) |
| Percent of Control | | | 86.8 |
| Promyelocyte (# cells counted) | SD 14 | 11.4 ± 1.5 (9) | 7.3 ± 0.6 (9) ** |
| Percent of Control | | | 64.1 |
| Metamyelocyte (# cells counted) | SD 14 | 23.3 ± 2.7 (9) | 26.4 ± 1.7 (9) |
| Percent of Control | | | 113.3 |
| Band Granulocyte (# cells counted) | SD 14 | 55.7 ± 4.1 (9) | 49.9 ± 2.0 (9) |
| Percent of Control | | | 89.6 |
| Segmented Granulocyte (# cells counted) | SD 14 | 124.1 ± 8.1 (9) | 145.0 ± 7.9 (9) |
| Percent of Control | | | 116.8 |
| Rubriblast (# cells counted) | SD 14 | 6.3 ± 0.8 (9) | 5.9 ± 0.6 (9) |
| Percent of Control | | | 93 |
| Rubricyte (# cells counted) | SD 14 | 52.1 ± 4.8 (9) | 50.1 ± 3.6 (9) |
| Percent of Control | | | 96.2 |
| Prorubricyte (# cells counted) | SD 14 | 16.6 ± 1.6 (9) | 17.7 ± 1.3 (9) |
| Percent of Control | | | 106.7 |
| Metarubricyte (# cells counted) | SD 14 | 112.4 ± 9.8 (9) | 122.1 ± 3.0 (9) |
| Percent of Control | | | 108.6 |

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| | | Treatment Groups (mg/kg) | |
|--------------------|------------------|---------------------------------|-------------------|
| | Phase Day | 0 | 1250 |
| M:E Ratio | SD 14 | 1.285 ± 0.062 (9) | 1.278 ± 0.077 (9) |
| Percent of Control | | | 99.4 |

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LEGEND

Data are displayed as mean \pm SEM (N) unless otherwise noted

M:E ratio calculated as the sum of the number of myeloblasts, promyelocytes, myelocytes, metamyelocytes, band granulocytes, and segmented granulocytes divided by the sum of the number of rubriblasts, prorubricytes, rubricytes, and metarubricytes.

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

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

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 using the Mann-Whitney U test for comparing the two groups.

**** END OF REPORT ****