

Experiment Number: C16008-01
Test Type: TOX
Route: Dosing in Bedding
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: 10:56:23
Lab: Battelle

C Number: C16008-01
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 (wt./wt.) | |
|--|-----------|----------------------------|------------------|
| | | 0:0 | 50:50 |
| Bone Marrow Nucleated Cell Count (10 ³ /uL) | SD 14 | 7.14 ± 0.66 (10) | 6.23 ± 0.57 (9) |
| Percent of Control | | | 87.2 |
| Myeloblast (# cells counted) | SD 14 | 1.3 ± 0.4 (10) | 2.0 ± 0.6 (9) |
| Percent of Control | | | 153.8 |
| Myelocyte (# cells counted) | SD 14 | 10.6 ± 1.9 (10) | 13.4 ± 2.5 (9) |
| Percent of Control | | | 126.8 |
| Promyelocyte (# cells counted) | SD 14 | 5.8 ± 1.2 (10) | 6.6 ± 0.5 (9) |
| Percent of Control | | | 113 |
| Metamyelocyte (# cells counted) | SD 14 | 21.1 ± 3.1 (10) | 21.6 ± 3.2 (9) |
| Percent of Control | | | 102.2 |
| Band Granulocyte (# cells counted) | SD 14 | 60.1 ± 4.5 (10) | 61.9 ± 6.8 (9) |
| Percent of Control | | | 103 |
| Segmented Granulocyte (# cells counted) | SD 14 | 98.2 ± 11.0 (10) | 118.1 ± 9.4 (9) |
| Percent of Control | | | 120.3 |
| Rubriblast (# cells counted) | SD 14 | 3.4 ± 0.5 (10) | 5.4 ± 0.8 (9) * |
| Percent of Control | | | 160.1 |
| Rubricyte (# cells counted) | SD 14 | 59.2 ± 4.2 (10) | 53.1 ± 3.9 (9) |
| Percent of Control | | | 89.7 |
| Prorubricyte (# cells counted) | SD 14 | 18.7 ± 1.5 (10) | 23.0 ± 2.6 (9) |
| Percent of Control | | | 123 |
| Metarubricyte (# cells counted) | SD 14 | 166.6 ± 13.2 (10) | 155.0 ± 13.0 (9) |
| Percent of Control | | | 93 |

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| | | Treatment Groups (wt./wt.) | |
|--------------------|------------------|-----------------------------------|---------------------|
| | Phase Day | 0:0 | 50:50 |
| M:E Ratio | SD 14 | 0.793 ± 0.040 (10) | 0.962 ± 0.059 (9) * |
| Percent of Control | | | 121.3 |

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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 ****