

TDMS No. 20725 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

E05: CLINICAL OBSERVATIONS SUMMARY

2,3-Butanedione (Diacetyl)

CAS Number: 431-03-8

Date Report Requested: 07/11/2011

Time Report Requested: 09:50:21

First Dose M/F: 07/28/08 / 07/28/08

Lab: BNW

C Number: C20725
Lock Date: 02/27/2009
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.4.2.1_003
PWG Approval Date: NONE

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| OBSERVATION | SEX: MALE | | WEEK: 14 | | | | | |
|--------------------|-----------|--------|----------|-------|----------|-------|---------|-------|
| | CONTROL | | 6.25 ppm | | 12.5 ppm | | 25 ppm | |
| | CURRENT* | TOTAL+ | CURRENT | TOTAL | CURRENT | TOTAL | CURRENT | TOTAL |
| Abnormal Breathing | 0 / 0 | 0/10 | 0 / 0 | 0/10 | 0 / 0 | 0/10 | 0 / 0 | 0/10 |
| Sneezing | 0 / 0 | 0/10 | 0 / 0 | 0/10 | 0 / 0 | 0/10 | 0 / 0 | 0/10 |

* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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| OBSERVATION | WEEK: 14 | | | |
|--------------------|----------|------------------|---------|------------------|
| | 50 ppm | | 100 ppm | |
| | CURRENT* | TOTAL+ | CURRENT | TOTAL |
| Abnormal Breathing | 0 / 0 | 0/10 | 0 / 0 | 2 / 10 DAY 44 |
| Sneezing | 0 / 0 | 9 / 10 DAY 44 | 0 / 0 | 9 / 10 DAY 44 |

END OF MALE DATA

* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)
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Lab: BNW

| OBSERVATION | SEX: FEMALE | | WEEK: 14 | | | | | |
|--------------------|-------------|--------|----------|-------|----------|-------|---------|-------|
| | CONTROL | | 6.25 ppm | | 12.5 ppm | | 25 ppm | |
| | CURRENT* | TOTAL+ | CURRENT | TOTAL | CURRENT | TOTAL | CURRENT | TOTAL |
| Abnormal Breathing | 0 / 0 | 0/10 | 0 / 0 | 0/10 | 0 / 0 | 0/10 | 0 / 0 | 0/10 |
| Sneezing | 0 / 0 | 0/10 | 0 / 0 | 0/10 | 0 / 0 | 0/10 | 0 / 0 | 0/10 |

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Lab: BNW

SEX: FEMALE

WEEK: 14

| OBSERVATION | 50 ppm | | 100 ppm | |
|--------------------|----------|------------------|---------|------------------|
| | CURRENT* | TOTAL+ | CURRENT | TOTAL |
| Abnormal Breathing | 0 / 0 | 0/10 | 0 / 0 | 1 / 10 DAY 44 |
| Sneezing | 0 / 0 | 8 / 10 DAY 44 | 0 / 0 | 9 / 10 DAY 44 |

END OF REPORT

* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)
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