

**TDMS No.** 20725 - 02

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** MICE/B6C3F1

**E04: MEAN BODY WEIGHTS AND SURVIVAL TABLE**

2,3-Butanedione (Diacetyl)

**CAS Number:** 431-03-8

**Date Report Requested:** 07/11/2011

**Time Report Requested:** 09:52:33

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

**Lab:** BNW

F1\_M3

**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  
**Control List:** Male: 001  
**Study Gender:** Both  
**TDMSE Version:** 2.4.2.1\_003  
**PWG Approval Date:** NONE

Female: 002

**MALE**

DAY	CONTROL		6.25 ppm			12.5 ppm			25 ppm			50 ppm			100 ppm		
	WT(G)	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N
1	24.9	10	24.7	99.3	10	24.9	99.8	10	25.3	101.6	10	24.4	98.1	10	24.7	99.2	10
9	26.8	10	26.4	98.7	10	26.3	98.4	10	27.1	101.2	10	26.7	99.9	10	22.5	84.1	10
16	27.9	10	27.7	99.5	10	27.7	99.2	10	28.3	101.6	10	27.5	98.5	10	24.6	88.2	10
23	29.0	10	28.8	99.2	10	28.8	99.1	10	29.5	101.8	10	28.7	98.9	10	25.4	87.6	10
30	30.1	10	30.0	99.5	10	29.2	97.1	10	30.7	102.1	10	29.1	96.7	10	26.0	86.4	10
37	30.9	10	30.6	99.1	10	30.4	98.2	10	31.2	100.7	10	30.0	97.0	10	26.7	86.3	10
44	32.1	10	31.4	97.9	10	31.0	96.7	10	32.1	100.0	10	30.6	95.4	10	27.0	84.3	10
51	32.7	10	32.4	99.2	10	32.0	97.7	10	32.9	100.7	10	31.3	95.6	10	27.1	82.9	10
58	33.7	10	33.6	99.6	10	33.1	98.2	10	34.0	100.8	10	31.8	94.3	10	27.6	82.0	10
65	34.5	10	34.5	99.7	10	33.8	97.9	10	35.0	101.3	10	32.5	94.2	10	27.6	79.8	10
72	35.4	10	35.2	99.5	10	34.6	97.9	10	36.0	101.7	10	32.8	92.8	10	27.4	77.5	10
79	36.3	10	36.3	100.1	10	35.8	98.5	10	37.0	101.9	10	33.4	91.8	10	28.1	77.4	10
86	36.9	10	37.3	100.9	10	36.7	99.2	10	37.8	102.5	10	33.8	91.6	10	28.3	76.6	10
<b>TERM SAC</b>	<b>37.8</b>	<b>10</b>	<b>38.0</b>	<b>100.6</b>	<b>10</b>	<b>37.8</b>	<b>100.1</b>	<b>10</b>	<b>39.1</b>	<b>103.5</b>	<b>10</b>	<b>34.2</b>	<b>90.4</b>	<b>10</b>	<b>27.9</b>	<b>73.7</b>	<b>10</b>

\*\*\* END OF MALE \*\*\*

FEMALE

DAY	CONTROL		6.25 ppm			12.5 ppm			25 ppm			50 ppm			100 ppm		
	WT(G)	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N
1	20.1	10	20.6	102.2	10	20.1	99.7	10	20.0	99.5	10	20.3	100.6	10	20.4	101.1	10
9	21.8	10	21.4	98.3	10	21.6	99.2	10	21.6	99.4	10	21.6	99.4	10	19.9	91.7	10
16	22.6	10	22.4	99.1	10	22.8	100.7	10	22.9	101.1	10	22.2	98.1	10	21.0	92.7	10
23	23.5	10	23.7	100.7	10	23.7	100.8	10	23.9	101.6	10	23.4	99.5	10	22.0	93.4	10
30	24.6	10	24.6	99.9	10	24.3	98.8	10	24.2	98.5	10	24.0	97.8	10	22.4	91.0	10
37	25.3	10	25.0	98.9	10	24.7	97.6	10	25.2	99.6	10	24.1	95.3	10	23.1	91.3	10
44	26.2	10	25.7	98.2	10	25.8	98.7	10	25.8	98.6	10	25.0	95.5	10	23.2	88.7	10
51	27.4	10	26.3	96.1	10	26.3	95.9	10	26.7	97.4	10	25.1	91.6	10	23.3	85.2	10
58	27.8	10	27.0	96.9	10	26.9	96.8	10	27.2	97.8	10	26.1	93.6	10	23.2	83.5	10
65	28.4	10	27.8	98.0	10	26.9	94.7	10	27.9	98.4	10	26.3	92.8	10	23.6	83.1	10
72	29.2	10	28.2	96.6	10	27.6	94.5	10	28.8	98.5	10	26.7	91.3	10	23.4	80.2	10
79	30.6	10	29.3	95.7	10	28.5	93.0	10	29.1	95.0	10	27.1	88.5	10	24.2	79.0	10
86	30.9	10	30.3	98.1	10	29.3	94.7	10	29.4	95.1	10	28.2	91.4	10	24.8	80.3	10
<b>TERM SAC</b>	<b>33.0</b>	<b>10</b>	<b>31.8</b>	<b>96.2</b>	<b>10</b>	<b>30.9</b>	<b>93.5</b>	<b>10</b>	<b>29.4</b>	<b>89.1</b>	<b>10</b>	<b>27.6</b>	<b>83.7</b>	<b>10</b>	<b>23.8</b>	<b>71.9</b>	<b>10</b>

\*\*\*END OF REPORT\*\*\*