

**TDMS No.** 20725 - 01

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** RATS/Wistar Han

**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:** 09:51:32

**First Dose M/F:** 07/28/08 / 07/29/08

**Lab:** BNW

F1\_RE

**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	143.2	10	143.6	100.2	10	142.1	99.2	10	143.4	100.2	10	143.7	100.4	10	141.4	98.8	10
9	193.8	10	194.5	100.3	10	188.9	97.5	10	192.9	99.5	10	189.0	97.5	10	173.9	89.7	10
16	235.8	10	233.7	99.1	10	226.4	96.0	10	235.3	99.8	10	225.1	95.5	10	206.3	87.5	10
23	269.9	10	267.3	99.1	10	257.5	95.4	10	267.3	99.1	10	254.4	94.3	10	234.9	87.0	10
30	296.9	10	293.4	98.8	10	283.7	95.5	10	293.8	99.0	10	278.7	93.9	10	254.5	85.7	10
37	319.9	10	315.6	98.7	10	305.8	95.6	10	313.9	98.1	10	299.5	93.6	10	270.7	84.6	10
44	340.3	10	333.4	98.0	10	322.5	94.8	10	333.8	98.1	10	318.7	93.6	10	288.5	84.8	10
51	354.2	10	348.2	98.3	10	336.5	95.0	10	350.9	99.1	10	334.8	94.5	10	302.1	85.3	10
58	367.0	10	359.7	98.0	10	347.7	94.7	10	363.4	99.0	10	346.0	94.3	10	311.1	84.8	10
65	378.7	10	372.2	98.3	10	356.7	94.2	10	375.5	99.1	10	354.9	93.7	10	318.3	84.1	10
72	389.1	10	380.3	97.7	10	365.2	93.9	10	384.4	98.8	10	364.0	93.5	10	316.6	81.4	10
79	396.4	10	388.4	98.0	10	373.3	94.2	10	392.9	99.1	10	374.1	94.4	10	318.9	80.4	10
86	402.7	10	395.2	98.1	10	379.7	94.3	10	399.9	99.3	10	378.4	94.0	10	319.6	79.4	10
<b>TERM SAC</b>	<b>409.9</b>	<b>10</b>	<b>401.1</b>	<b>97.9</b>	<b>10</b>	<b>386.4</b>	<b>94.3</b>	<b>10</b>	<b>407.3</b>	<b>99.4</b>	<b>10</b>	<b>386.7</b>	<b>94.3</b>	<b>10</b>	<b>333.1</b>	<b>81.3</b>	<b>8</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	124.0	10	122.2	98.6	10	122.6	98.9	10	121.9	98.3	10	120.0	96.8	10	122.3	98.7	10
8	148.2	10	144.2	97.2	10	142.3	96.0	10	143.3	96.6	10	141.8	95.7	10	140.8	95.0	10
15	166.6	10	159.8	95.9	10	157.7	94.7	10	159.2	95.6	10	161.9	97.2	10	159.8	95.9	10
22	177.7	10	174.1	98.0	10	170.5	96.0	10	171.1	96.3	10	176.2	99.2	10	171.6	96.6	10
29	188.7	10	181.4	96.1	10	178.4	94.5	10	179.4	95.1	10	186.0	98.6	10	183.5	97.3	10
36	199.4	10	194.0	97.3	10	189.5	95.1	10	188.1	94.3	10	191.9	96.2	10	190.3	95.4	10
43	207.5	10	202.8	97.7	10	200.3	96.6	10	195.9	94.4	10	201.2	97.0	10	197.6	95.3	10
50	211.3	10	209.7	99.2	10	206.9	97.9	10	202.0	95.6	10	208.2	98.5	10	202.3	95.8	10
57	217.4	10	213.3	98.1	10	209.5	96.3	10	206.8	95.1	10	212.2	97.6	10	207.8	95.6	10
64	224.5	10	221.8	98.8	10	216.9	96.6	10	214.1	95.4	10	218.5	97.3	10	210.2	93.7	10
71	226.7	10	226.2	99.8	10	222.4	98.1	10	216.7	95.6	10	223.7	98.7	10	210.8	93.0	10
78	229.8	10	227.9	99.2	10	224.7	97.8	10	221.8	96.5	10	227.5	99.0	10	213.6	93.0	10
85	232.9	10	229.2	98.4	10	224.0	96.2	10	223.1	95.8	10	228.6	98.2	10	214.2	92.0	10
<b>TERM SAC</b>	<b>236.4</b>	<b>10</b>	<b>234.9</b>	<b>99.4</b>	<b>10</b>	<b>228.1</b>	<b>96.5</b>	<b>10</b>	<b>225.8</b>	<b>95.5</b>	<b>10</b>	<b>231.9</b>	<b>98.1</b>	<b>10</b>	<b>208.0</b>	<b>88.0</b>	<b>10</b>

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