

Experiment Number: 20725 - 04
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

E04: MEAN BODY WEIGHTS AND SURVIVAL TABLE

2,3-Butanedione
CAS Number: 431-03-8

Date Report Requested: 04/15/2016
Time Report Requested: 10:33:43
First Dose M/F: 08/31/09 / 08/31/09
Lab: BNW

F1_Mice

NTP Study Number: C20725
Lock Date: 10/11/2012
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: 3.0.2.3_002
PWG Approval Date: 01/25/2016

Female: 002

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Lab: BNW

MALE

DAY	Control		12.5 ppm			25 ppm			50 ppm		
	WT(G)	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N
1	22.8	50	22.6	99.4	50	22.5	98.9	50	22.3	98.1	50
11	24.6	50	24.6	100.3	50	24.4	99.4	50	24.6	100.0	50
18	25.8	50	25.6	99.5	50	25.6	99.4	50	25.4	98.5	50
25	26.9	50	26.8	99.5	50	26.8	99.5	50	26.2	97.4	50
32	27.8	50	27.7	99.6	50	27.6	99.0	50	26.7	95.9	50
39	28.7	50	28.6	99.7	50	28.6	99.6	50	27.4	95.3	50
46	29.4	50	29.2	99.2	50	29.4	99.8	50	27.7	94.1	50
53	30.1	50	30.0	99.7	50	30.0	99.6	50	28.1	93.5	50
60	30.9	50	30.7	99.4	50	30.6	99.0	50	28.6	92.8	50
67	30.8	50	31.6	102.6	50	31.6	102.8	50	29.2	94.9	50
74	32.4	50	32.6	100.8	50	32.6	100.7	50	29.7	91.6	50
81	33.9	50	33.7	99.6	50	33.5	98.9	50	30.1	89.0	50
88	34.6	50	34.3	99.1	50	33.9	97.9	50	30.4	87.8	50
116	37.4	50	37.2	99.5	50	37.2	99.5	50	32.1	86.0	50
144	39.0	50	38.8	99.4	50	39.1	100.1	50	33.1	84.7	49
172	41.0	50	40.8	99.4	50	41.2	100.5	50	34.4	83.9	49
200	42.7	50	42.7	99.9	50	42.6	99.6	50	35.2	82.4	49
228	43.8	50	44.0	100.4	50	43.2	98.7	50	35.7	81.6	49
256	45.1	50	45.3	100.5	50	44.7	99.2	50	36.1	80.0	49
284	45.6	50	45.9	100.6	50	45.0	98.7	50	36.0	79.0	48
312	46.4	50	46.4	100.0	50	45.5	98.0	50	34.8	74.9	48
340	47.6	50	47.1	99.0	50	46.2	96.9	49	34.4	72.2	45
368	49.1	50	48.9	99.5	50	47.6	96.9	49	34.7	70.6	45
396	49.2	50	48.5	98.6	49	47.4	96.4	49	34.1	69.4	45
424	50.1	50	49.3	98.5	49	48.1	96.0	49	35.1	70.0	42
452	50.3	49	50.1	99.5	49	48.0	95.4	49	35.2	69.9	42
480	50.7	49	51.0	100.5	48	48.7	96.0	49	36.2	71.4	41
508	50.3	49	51.1	101.7	48	48.4	96.3	49	35.7	71.0	40
536	50.7	47	51.1	100.7	48	48.4	95.4	48	35.6	70.2	40
564	50.9	46	51.0	100.2	48	48.7	95.7	47	35.4	69.6	38
592	51.1	45	51.1	100.1	46	48.7	95.4	46	34.9	68.2	38
620	51.0	45	51.6	101.2	44	48.7	95.6	44	35.0	68.7	37
648	50.8	42	50.7	100.0	44	47.7	94.0	43	34.9	68.8	37
662	50.9	42	51.5	101.1	42	47.6	93.6	43	34.5	67.8	35
676	50.6	39	51.5	101.6	41	47.0	92.8	43	34.3	67.8	33

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MALE

DAY	Control		12.5 ppm			25 ppm			50 ppm		
	WT(G)	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N
690	50.3	37	50.7	100.9	40	46.9	93.3	41	32.8	65.3	30
704	49.8	36	50.1	100.6	40	46.6	93.6	41	32.6	65.5	29
718	48.3	36	49.1	101.7	39	45.2	93.6	40	31.4	65.0	26
TERM SAC	48.4	35	48.8	100.8	39	45.6	94.3	37	31.7	65.5	25

*** END OF MALE ***

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Lab: BNW

FEMALE

DAY	Control		12.5 ppm			25 ppm			50 ppm		
	WT(G)	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N
1	19.3	50	19.0	98.4	50	18.8	97.7	50	18.6	96.5	50
11	20.9	50	21.0	100.6	50	20.9	99.9	50	20.6	98.7	50
18	21.6	50	21.8	100.9	50	21.9	101.4	50	21.8	100.9	50
25	22.5	50	22.9	101.8	50	23.0	102.1	50	22.6	100.2	50
32	23.2	50	23.7	102.3	50	23.7	102.1	50	22.7	97.7	50
39	24.2	50	24.4	100.9	50	24.8	102.3	50	23.4	96.6	50
46	24.7	50	25.1	101.7	50	25.3	102.2	50	24.0	97.2	50
53	25.4	50	25.8	101.8	50	25.8	101.9	50	24.6	97.1	50
60	25.6	50	26.2	102.5	50	26.1	102.3	50	25.0	98.0	50
67	26.2	50	26.6	101.5	50	26.6	101.6	50	25.3	96.7	50
74	26.1	50	27.2	104.2	50	27.3	104.5	50	25.8	99.0	50
81	27.1	50	27.7	102.0	50	27.7	101.9	50	26.2	96.5	50
88	27.5	50	28.3	102.8	50	28.0	101.8	50	26.2	95.0	50
116	29.6	50	30.9	104.4	50	30.7	103.6	50	27.6	93.1	50
144	31.5	50	33.3	105.8	50	32.9	104.7	50	28.3	89.9	50
172	32.8	50	34.7	105.6	50	35.0	106.4	50	29.3	89.1	50
200	35.4	49	37.3	105.4	50	37.5	105.7	50	30.3	85.5	50
228	37.3	49	39.3	105.3	50	39.8	106.7	50	29.9	80.3	49
256	38.3	49	40.6	106.2	50	41.5	108.4	50	29.0	75.6	48
284	39.1	49	42.1	107.7	50	42.3	108.1	50	28.4	72.6	45
312	40.2	49	43.4	108.0	50	43.0	107.1	50	28.3	70.4	45
340	41.6	49	44.9	107.9	50	43.8	105.1	50	27.5	66.1	43
368	44.6	49	48.4	108.5	50	47.2	106.0	50	29.8	67.0	41
396	46.1	49	50.0	108.5	50	48.2	104.7	50	30.1	65.3	41
424	46.8	49	50.4	107.7	50	49.2	105.0	50	30.3	64.7	38
452	48.5	49	51.8	106.8	50	51.1	105.3	50	31.4	64.6	38
480	50.0	49	53.7	107.6	50	52.9	105.9	50	31.9	63.9	36
508	49.8	48	53.8	108.1	50	51.5	103.5	50	31.9	64.1	36
536	49.9	48	53.1	106.2	50	52.9	105.9	50	32.4	64.9	35
564	49.8	48	53.9	108.2	49	52.8	106.1	50	32.2	64.7	33
592	50.2	46	54.8	109.2	49	52.4	104.4	48	32.2	64.1	32
620	51.0	45	55.2	108.4	49	53.0	104.0	45	32.8	64.3	29
648	49.8	44	56.0	112.5	46	52.2	104.8	44	32.7	65.6	28
662	49.3	43	55.7	113.1	46	51.9	105.2	44	31.6	64.1	26
676	49.0	40	54.2	110.5	45	50.0	101.9	44	29.7	60.5	24

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	WT(G)	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N
690	48.8	37	53.4	109.4	43	49.3	101.1	44	30.2	62.0	22
704	47.7	37	52.7	110.4	41	48.7	101.9	44	29.8	62.5	20
718	46.8	36	50.0	106.8	41	47.2	100.9	42	28.9	61.8	18
TERM SAC	46.8	36	49.0	104.8	40	46.9	100.3	42	29.6	63.4	17

END OF REPORT