

Experiment Number: 20725 - 03
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

E04: MEAN BODY WEIGHTS AND SURVIVAL TABLE

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

Date Report Requested: 04/12/2016
Time Report Requested: 16:27:55
First Dose M/F: 08/17/09 / 08/17/09
Lab: BNW

F1_RE

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: 01/15/2016

Female: 002

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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
1	137.3	50	136.3	99.3	50	136.5	99.4	50	134.8	98.2	50
8	181.0	50	177.7	98.2	50	179.2	99.0	50	172.3	95.2	50
16	228.7	50	226.1	98.9	50	228.8	100.0	50	215.2	94.1	50
22	258.2	50	256.2	99.2	50	261.0	101.1	50	241.9	93.7	50
29	287.2	50	284.9	99.2	50	291.3	101.4	49	269.1	93.7	50
36	311.5	50	306.9	98.5	50	315.5	101.3	49	291.7	93.7	50
43	331.6	50	327.1	98.7	50	335.7	101.3	49	312.0	94.1	50
50	348.2	50	340.8	97.9	50	351.8	101.0	49	326.2	93.7	50
57	360.7	50	351.9	97.5	50	364.9	101.1	49	339.1	94.0	50
64	372.0	50	362.3	97.4	50	377.1	101.4	49	349.0	93.8	50
71	382.3	50	372.3	97.4	50	386.8	101.2	49	358.1	93.7	50
78	391.9	50	380.7	97.1	50	396.2	101.1	49	364.7	93.1	50
85	398.9	50	389.0	97.5	50	403.3	101.1	49	371.9	93.2	50
113	425.5	50	416.1	97.8	50	430.7	101.2	49	402.4	94.6	50
141	442.9	50	433.6	97.9	50	449.1	101.4	49	418.1	94.4	50
169	460.6	50	448.0	97.3	50	465.4	101.0	49	430.7	93.5	50
197	475.7	50	465.2	97.8	49	479.5	100.8	49	443.3	93.2	50
225	491.2	50	481.0	97.9	49	496.5	101.1	49	456.8	93.0	50
253	501.3	50	491.7	98.1	49	506.7	101.1	49	465.2	92.8	50
281	512.3	50	502.9	98.2	49	517.2	101.0	49	475.2	92.8	50
309	521.0	50	511.7	98.2	49	525.3	100.8	49	481.9	92.5	50
337	532.0	50	523.3	98.4	49	534.6	100.5	48	491.0	92.3	50
365	541.1	50	533.4	98.6	49	543.0	100.3	48	496.2	91.7	50
393	557.3	49	543.5	97.5	49	553.1	99.2	48	505.4	90.7	50
421	565.0	49	552.2	97.7	49	560.9	99.3	48	510.0	90.3	50
449	576.2	48	560.7	97.3	49	564.8	98.0	48	515.6	89.5	50
477	587.5	48	570.2	97.1	49	575.1	97.9	48	523.8	89.2	50
505	590.2	47	577.6	97.9	49	576.6	97.7	48	532.5	90.2	49
533	595.3	45	581.5	97.7	49	578.1	97.1	47	527.4	88.6	49
561	601.2	45	583.7	97.1	49	579.7	96.4	44	515.0	85.7	46
589	605.6	45	582.8	96.2	48	577.8	95.4	42	502.7	83.0	39
617	610.9	45	598.0	97.9	44	580.6	95.1	39	498.5	81.6	35
645	615.2	41	608.5	98.9	41	584.0	94.9	39	499.0	81.1	30
659	613.8	40	613.9	100.0	40	584.1	95.2	39	502.5	81.9	28
673	611.2	40	613.4	100.4	40	582.0	95.2	39	495.7	81.1	28

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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
687	606.8	40	614.1	101.2	39	579.3	95.5	39	498.4	82.1	26
701	614.6	38	613.8	99.9	38	583.7	95.0	37	500.6	81.5	26
715	611.9	38	613.5	100.3	37	580.0	94.8	36	494.8	80.9	24
TERM SAC	604.3	36	611.0	101.1	36	574.2	95.0	33	485.4	80.3	22

*** 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	115.7	50	117.3	101.4	50	115.0	99.4	50	115.4	99.7	50
8	134.9	50	137.5	101.9	50	135.7	100.6	50	135.0	100.1	50
16	152.2	50	158.3	104.0	50	153.2	100.7	50	154.8	101.7	50
22	163.3	50	166.6	102.0	50	168.1	103.0	50	165.8	101.5	50
29	173.5	50	181.9	104.8	50	180.5	104.1	50	178.4	102.9	50
36	182.9	50	191.4	104.7	50	191.1	104.5	50	187.5	102.5	50
43	192.0	50	200.5	104.4	50	199.7	104.0	50	196.2	102.2	50
50	198.7	50	206.7	104.0	50	206.8	104.1	50	202.5	101.9	50
57	203.9	50	212.4	104.2	50	211.2	103.6	50	209.7	102.8	50
64	210.6	50	218.0	103.5	50	217.7	103.4	50	214.1	101.7	50
71	213.7	50	221.6	103.7	50	220.1	103.0	50	217.8	101.9	50
78	217.0	50	225.6	104.0	50	223.4	103.0	50	221.4	102.0	50
85	219.0	50	229.2	104.7	50	226.7	103.5	50	223.7	102.2	50
113	231.9	50	242.3	104.5	50	240.4	103.7	50	237.0	102.2	50
141	240.1	50	251.7	104.8	49	249.7	104.0	50	246.4	102.6	50
169	247.2	50	255.6	103.4	49	256.3	103.7	50	251.8	101.9	50
197	255.2	50	265.8	104.1	49	267.0	104.6	50	261.5	102.5	50
225	262.6	50	270.4	102.9	49	273.0	103.9	50	267.6	101.9	50
253	267.9	49	275.5	102.8	49	279.7	104.4	50	272.6	101.7	50
281	275.0	49	284.1	103.3	49	288.4	104.9	50	280.3	101.9	50
309	283.3	49	288.7	101.9	49	296.8	104.8	50	287.1	101.3	50
337	293.9	49	298.7	101.6	49	308.6	105.0	50	297.7	101.3	50
365	303.4	49	308.0	101.5	49	316.5	104.3	49	304.4	100.4	50
393	313.6	49	315.9	100.7	49	328.1	104.6	49	314.5	100.3	50
421	322.2	48	326.9	101.5	47	336.4	104.4	49	322.0	99.9	50
449	334.0	48	336.1	100.6	47	344.7	103.2	48	328.3	98.3	49
477	344.7	48	344.2	99.9	47	356.9	103.5	46	339.8	98.6	49
505	354.9	48	351.2	99.0	47	363.7	102.5	46	349.5	98.5	48
533	358.3	48	363.0	101.3	46	370.8	103.5	41	350.5	97.8	48
561	366.7	46	370.1	100.9	46	374.0	102.0	41	356.6	97.2	46
589	372.3	45	373.7	100.4	44	377.9	101.5	39	358.9	96.4	45
617	383.5	42	381.9	99.6	41	389.2	101.5	36	359.3	93.7	45
645	389.3	41	388.5	99.8	40	395.5	101.6	35	354.3	91.0	37
659	394.7	39	394.1	99.9	39	398.2	100.9	34	358.2	90.8	37
673	392.8	38	397.2	101.1	38	397.4	101.2	34	358.0	91.1	37

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	WT(G)	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N	WT(G)	% OF CNTL	N
687	398.7	36	399.8	100.3	37	402.3	100.9	33	359.4	90.1	36
701	395.1	36	399.4	101.1	37	405.1	102.5	31	361.4	91.5	35
715	400.0	34	402.6	100.6	34	410.3	102.6	30	363.1	90.8	33
TERM SAC	394.3	34	403.7	102.4	31	395.2	100.2	24	356.2	90.3	30

END OF REPORT