

Experiment Number: 05185-01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

E04: MEAN BODY WEIGHTS AND SURVIVAL TABLE

Test Compound: Isobutyl nitrite
CAS Number: 542-56-3

Date Report Requested: 10/24/2014
Time Report Requested: 08:16:18
First Dose M/F: NA / NA
Lab: IIT

C Number:	C61052B
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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MALE

DAY	CONTROL		10 PPM			25 PPM			75 PPM		
	WT(g)	N	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N
1	118.0	10	115.6	98.0	10	118.4	100.4	10	113.0	95.8	10
8	147.4	10	145.4	98.6	10	147.3	100.0	10	137.6	93.4	10
15	179.3	10	176.2	98.3	10	178.7	99.7	10	167.6	93.5	9 *
16									181.8		1 *
22	212.5	10	202.5	95.3	10	211.9	99.8	10	197.7	93.0	10
29	238.2	10	226.0	94.9	10	239.5	100.5	10	220.5	92.6	10
36	257.1	10	246.7	96.0	10	259.7	101.0	10	241.8	94.1	10
43	273.5	10	262.7	96.0	10	276.2	101.0	10	258.9	94.7	10
50	286.9	10	278.4	97.1	10	295.1	102.9	10	273.4	95.3	10
57	300.3	10	291.3	97.0	10	310.0	103.2	10	286.6	95.4	10
64	311.6	10	302.9	97.2	10	325.5	104.5	10	300.0	96.3	10
71	320.8	10	314.7	98.1	10	337.2	105.1	10	309.9	96.6	10
77	330.3	10	326.0	98.7	10	347.4	105.2	10	321.0	97.2	10
85	338.6	10	334.1	98.7	10	357.3	105.5	10	328.3	96.9	10
TERM SAC	345.0	10	339.1	98.3	10	365.4	105.9	10	329.3	95.4	10

(I) INTERIM SACRIFICE OCCURRED BETWEEN THIS DAY AND THE PREVIOUS SCHEDULED WEIGHT DAY

(*) THE NUMBER OF ANIMALS WEIGHED ON THIS DAY IS LESS THAN THE NUMBER OF ANIMALS SURVIVING.

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MALE

DAY	150 PPM			300 PPM		
	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N
1	116.3	98.6	10	116.9	99.1	10
8	142.0	96.3	10	132.0	89.5	10
15	171.3	95.5	10	157.8	88.0	10
16						
22	198.6	93.5	10	179.5	84.5	10
29	221.7	93.1	10	197.7	83.0	10
36	239.5	93.2	10	211.7	82.4	10
43	254.8	93.2	10	232.7	85.1	10
50	269.4	93.9	10	244.3	85.2	10
57	279.3	93.0	10	255.3	85.0	10
64	292.9	94.0	10	263.4	84.5	10
71	304.3	94.9	10	274.7	85.6	10
77	310.1	93.9	10	282.6	85.6	10
85	318.4	94.0	10	291.3	86.0	10
TERM SAC	327.5	94.9	10	296.1	85.8	10

END OF MALE DATA

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FEMALE

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	WT(g)	N	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N
1	92.0	10	90.0	97.8	10	90.3	98.1	10	88.7	96.4	10
8	109.4	10	108.0	98.7	10	108.1	98.8	10	106.9	97.7	10
15	125.6	10	125.5	100.0	10	125.9	100.3	10	124.6	99.3	10
22	140.0	10	140.9	100.6	10	139.8	99.9	10	138.7	99.1	10
29	150.7	10	151.6	100.6	10	152.0	100.8	10	150.6	99.9	10
36	159.9	10	161.3	100.9	10	162.0	101.3	10	159.4	99.7	10
43	168.0	10	168.1	100.1	10	170.1	101.3	10	165.8	98.7	10
50	173.5	10	173.9	100.2	10	175.6	101.2	10	172.2	99.2	10
57	178.1	10	179.6	100.8	10	179.7	100.9	10	176.9	99.3	10
64	181.8	10	185.2	101.8	10	186.9	102.8	10	182.9	100.6	10
71	184.1	10	189.4	102.9	10	191.4	104.0	10	186.6	101.4	10
77	190.5	10	193.8	101.8	10	194.3	102.0	10	189.6	99.6	10
85	191.5	10	195.4	102.0	10	198.0	103.4	10	193.5	101.0	10
TERM SAC	194.2	10	196.5	101.2	10	199.8	102.9	10	193.9	99.9	10

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FEMALE

DAY	150 PPM			300 PPM		
	WT(g)	% OF CNTL	N	WT(g)	% OF CNTL	N
1	88.7	96.5	10	87.8	95.5	10
8	104.6	95.6	10	98.6	90.1	10
15	122.6	97.6	10	114.4	91.1	10
22	135.5	96.8	10	124.5	88.9	10
29	146.6	97.3	10	134.8	89.5	10
36	153.4	95.9	10	143.1	89.5	10
43	160.7	95.7	10	152.0	90.5	10
50	165.0	95.1	10	157.3	90.6	10
57	170.2	95.5	10	160.9	90.3	10
64	171.2	94.2	10	165.2	90.8	10
71	178.7	97.1	10	170.0	92.3	10
77	180.6	94.8	10	172.0	90.3	10
85	182.5	95.3	10	175.6	91.7	10
TERM SAC	187.2	96.4	10	179.0	92.2	10

** END OF REPORT **

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