

**Experiment Number:** 05185-02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** Mouse/B6C3F1

**E05: CLINICAL OBSERVATIONS SUMMARY**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 17:23:38  
**First Dose M/F:** NA / NA  
**Lab:** IIT

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

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SEX :MALE WEEK: 14

OBSERVATIONS	CONTROL		10 PPM		25 PPM		75 PPM	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Abnormal Posture	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 5
Alopecia Body Ventral	0 / 0	5 / 10 DAY 71	0 / 0	5 / 10 DAY 29	0 / 0	4 / 10 DAY 43	0 / 0	1 / 10 DAY 92
Alopecia Neck	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	3 / 10 DAY 29	0 / 0	0 / 10
Hypoactivity	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 5
Reddened Penis	0 / 0	0 / 10	0 / 0	1 / 10 DAY 8	0 / 0	0 / 10	0 / 0	0 / 10
Reddened Tail	0 / 0	1 / 10 DAY 50	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Ruffled Fur	0 / 0	2 / 10 DAY 77	0 / 0	4 / 10 DAY 8	0 / 0	3 / 10 DAY 8	0 / 0	5 / 10 DAY 6
Wound Tail	0 / 0	2 / 10 DAY 36	0 / 0	1 / 10 DAY 43	0 / 0	2 / 10 DAY 57	0 / 0	0 / 10

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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OBSERVATIONS	150 PPM		300 PPM	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Abnormal Posture	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Body Ventral	0 / 0	6 / 10 DAY 71	0 / 0	3 / 10 DAY 71
Alopecia Neck	0 / 0	0 / 10	0 / 0	0 / 10
Hypoactivity	0 / 0	0 / 10	0 / 0	0 / 10
Reddened Penis	0 / 0	0 / 10	0 / 0	1 / 10 DAY 64
Reddened Tail	0 / 0	0 / 10	0 / 0	0 / 10
Ruffled Fur	0 / 0	2 / 10 DAY 6	0 / 0	1 / 10 DAY 64
Wound Tail	0 / 0	0 / 10	0 / 0	0 / 10

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

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WEEK: 14

OBSERVATIONS	CONTROL		10 PPM		25 PPM		75 PPM	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Abnormal Posture	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Body Dorsal	0 / 0	1 / 10 DAY 92	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Body Ventral	0 / 0	4 / 10 DAY 29	0 / 0	2 / 10 DAY 43	0 / 0	5 / 10 DAY 29	0 / 0	2 / 10 DAY 85
Other	0 / 0	1 / 10 DAY 57	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Ruffled Fur	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10

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SEX :FEMALE

WEEK: 14

OBSERVATIONS	150 PPM		300 PPM	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Abnormal Posture	0 / 0	0 / 10	0 / 0	1 / 10 DAY 50
Alopecia Body Dorsal	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Body Ventral	0 / 0	7 / 10 DAY 43	0 / 0	3 / 10 DAY 36
Other	0 / 0	0 / 10	0 / 0	0 / 10
Ruffled Fur	0 / 0	0 / 10	0 / 0	1 / 10 DAY 92

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