

**Experiment Number:** 05138-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**E05: CLINICAL OBSERVATIONS SUMMARY**

**Test Compound:** Benzonitrile

**CAS Number:** 100-47-0

**Date Report Requested:** 10/24/2014

**Time Report Requested:** 06:15:39

**First Dose M/F:** NA / NA

**Lab:** BAT

<b>C Number:</b>	C61676
<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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First Dose M/F: NA / NA

Lab: BAT

SEX :MALE WEEK: 14

OBSERVATIONS	0 MG/KG		19 MG/KG		37.5 MG/KG		75 MG/KG	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 56
Diarrhea	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	2 / 10 DAY 76
Discharge Left Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Discharge Nose	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Discharge Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 48
Discoloration Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 48
Exophthalmos Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 48
Hyperactive	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	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	0 MG/KG		19 MG/KG		37.5 MG/KG		75 MG/KG	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Micro-Ophthalmia Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 62
Nasal Discharge	0 / 0	1 / 10 DAY 84	0 / 0	0 / 10	0 / 0	3 / 10 DAY 76	0 / 0	1 / 10 DAY 69
Opacity Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 83	0 / 0	1 / 10 DAY 48
Other	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 48
Reddened Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 90
Sore Tail	0 / 0	1 / 10 DAY 84	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10

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OBSERVATIONS	150 MG/KG		300 MG/KG	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Right Eye	0 / 0	0 / 10	0 / 0	0 / 10
Diarrhea	0 / 0	1 / 10 DAY 77	0 / 0	0 / 10
Discharge Left Eye	0 / 0	1 / 10 DAY 7	0 / 0	0 / 10
Discharge Nose	0 / 0	1 / 10 DAY 41	0 / 0	0 / 10
Discharge Right Eye	0 / 0	0 / 10	0 / 0	0 / 10
Discoloration Right Eye	0 / 0	0 / 10	0 / 0	0 / 10
Exophthalmos Right Eye	0 / 0	0 / 10	0 / 0	0 / 10
Hyperactive	0 / 0	6 / 10 DAY 20	0 / 0	6 / 10 DAY 27

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	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Micro-Ophthalmia Right Eye	0 / 0	0 / 10	0 / 0	0 / 10
Nasal Discharge	0 / 0	1 / 10 DAY 83	0 / 0	0 / 10
Opacity Right Eye	0 / 0	0 / 10	0 / 0	0 / 10
Other	0 / 0	0 / 10	0 / 0	0 / 10
Reddened Right Eye	0 / 0	0 / 10	0 / 0	0 / 10
Sore Tail	0 / 0	0 / 10	0 / 0	0 / 10

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

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SEX :FEMALE WEEK: 14

OBSERVATIONS	0 MG/KG		19 MG/KG		37.5 MG/KG		75 MG/KG	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Face	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	3 / 10 DAY 84	0 / 0	0 / 10
Alopecia Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Ataxia	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Discharge Nose	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Discharge Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 49
Discoloration Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 49
Exophthalmos Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 49
Hyperactive	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10

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Lab: BAT

SEX :FEMALE

WEEK: 14

OBSERVATIONS	0 MG/KG		19 MG/KG		37.5 MG/KG		75 MG/KG	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Nasal Discharge	0 / 0	1 / 10 DAY 83	0 / 0	1 / 10 DAY 84	0 / 0	1 / 10 DAY 69	0 / 0	0 / 10
Opacity Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	2 / 10 DAY 49
Other	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 49
Sore Tail	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Urine Stain	0 / 0	0 / 10	0 / 0	1 / 10 DAY 90	0 / 0	0 / 10	0 / 0	0 / 10
Wound Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 57

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OBSERVATIONS	150 MG/KG		300 MG/KG	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Face	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Right Eye	0 / 0	0 / 10	0 / 0	1 / 10 DAY 56
Ataxia	0 / 0	0 / 10	0 / 0	1 / 10 DAY 41
Discharge Nose	0 / 0	0 / 10	0 / 0	1 / 10 DAY 42
Discharge Right Eye	0 / 0	0 / 10	0 / 0	1 / 10 DAY 49
Discoloration Right Eye	0 / 0	0 / 10	0 / 0	1 / 10 DAY 49
Exophthalmos Right Eye	0 / 0	0 / 10	0 / 0	1 / 10 DAY 49
Hyperactive	0 / 0	5 / 10 DAY 34	0 / 0	3 / 10 DAY 20

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SEX :FEMALE

WEEK: 14

OBSERVATIONS	150 MG/KG		300 MG/KG	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Nasal Discharge	0 / 0	0 / 10	0 / 0	0 / 10
Opacity Right Eye	0 / 0	0 / 10	0 / 0	1 / 10 DAY 49
Other	0 / 0	0 / 10	0 / 0	1 / 10 DAY 49
Sore Tail	0 / 0	0 / 10	0 / 0	1 / 10 DAY 27
Urine Stain	0 / 0	0 / 10	0 / 0	3 / 10 DAY 28
Wound Right Eye	0 / 0	0 / 10	0 / 0	0 / 10

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