

**Experiment Number:** R92025  
**Test Type:** RACB - Range Finding  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**I05: CLINICAL OBSERVATIONS SUMMARY**

**Test Compound:** 4-Methylimidazole  
**CAS Number:** 822-36-6

**Date Report Requested:** 08/21/2017  
**Time Report Requested:** 14:21:04  
**Lab:** RTI

<b>C Number:</b>	R92025
<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

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**F0 Male**

Phase	Litter ID	Observation	Treatment Groups (ppm)					
			0	625	1250	2500	5000	10000
SD		Eye Discharge Bilateral; Brown	0 / 8	0 / 8	2 / 8 SD 9	1 / 8 SD 11	2 / 8 SD 15	0 / 8
SD		Eye Discharge Bilateral; Red	0 / 8	0 / 8	0 / 8	1 / 8 SD 27	1 / 8 SD 37	0 / 8
SD		Eye Discharge Left; Red	0 / 8	0 / 8	1 / 8 SD 27	0 / 8	0 / 8	0 / 8
SD		Eye Discharge Right; Black	0 / 8	0 / 8	1 / 8 SD 75	0 / 8	0 / 8	0 / 8
SD		Eye Discharge Right; Brown	1 / 8 SD 11	0 / 8	1 / 8 SD 0	1 / 8 SD 22	0 / 8	0 / 8
SD		Eye Discharge Right; Red	0 / 8	0 / 8	1 / 8 SD 32	0 / 8	0 / 8	0 / 8
SD		Eye Discolored Left; Red	0 / 8	0 / 8	0 / 8	1 / 8 SD 27	0 / 8	0 / 8
SD		Nasal Discharge Brown	0 / 8	0 / 8	0 / 8	1 / 8 SD 16	0 / 8	0 / 8
SD		Nasal Discharge Red	0 / 8	0 / 8	0 / 8	1 / 8 SD 23	0 / 8	0 / 8
SD		Staining Left Eye; Red	0 / 8	0 / 8	1 / 8 SD 18	0 / 8	0 / 8	0 / 8

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**F0 Female**

Phase	Litter ID	Observation	Treatment Groups (ppm)				
			0	625	1250	2500	5000
GD	A	Alopecia Neck	1 / 6 GD 1	0 / 7	0 / 7	0 / 7	0 / 3
LD	A	Alopecia Left Fore Paw	0 / 6	0 / 7	1 / 7 LD 2	0 / 7	0 / 2
LD	A	Alopecia Left Forelimb	0 / 6	0 / 7	1 / 7 LD 2	0 / 7	0 / 2
LD	A	Alopecia Right Fore Paw	0 / 6	0 / 7	1 / 7 LD 2	0 / 7	0 / 2
LD	A	Alopecia Right Forelimb	0 / 6	0 / 7	1 / 7 LD 2	0 / 7	0 / 2
LD	A	Ataxia Moderate	0 / 6	0 / 7	0 / 7	1 / 7 LD 10	0 / 2
LD	A	Cold To Touch	0 / 6	0 / 7	0 / 7	0 / 7	1 / 2 LD 0
LD	A	Convulsion	0 / 6	0 / 7	0 / 7	2 / 7 LD 10	0 / 2
LD	A	Feces Soft	0 / 6	0 / 7	1 / 7 LD 17	0 / 7	0 / 2
LD	A	Pale	0 / 6	0 / 7	0 / 7	0 / 7	1 / 2 LD 0

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**F0 Female**

Phase	Litter ID	Observation	Treatment Groups (ppm)				
			0	625	1250	2500	5000
LD	A	Respiration Labored	0 / 6	0 / 7	0 / 7	1 / 7 LD 10	0 / 2
LD	A	Rough Coat	0 / 6	0 / 7	0 / 7	0 / 7	1 / 2 LD 0
LD	A	Twitches	0 / 6	0 / 7	0 / 7	1 / 7 LD 10	0 / 2
LD	A	Vocalization	0 / 6	0 / 7	0 / 7	0 / 7	1 / 2 LD 0
SD		Tail Damaged	1 / 8 SD 41	0 / 8	0 / 8	0 / 8	0 / 8

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#### LEGEND

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Upper row displays cumulative number of animals with observation / total animals started on study

Lower row displays day of observation onset

SD – Study Phase; GD – Gestation Phase; LD – Lactation Phase; PND – Postnatal Phase, adults post-weaning

Females listed as SD were not pregnant

**\*\* END OF REPORT \*\***