

**Study Number:** R92025B  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**I23: Average Dose by Phase**  
**Test Compound:** 4-Methylimidazole  
**CAS Number:** 822-36-6

**Date Report Requested:** 10/02/2018  
**Time Report Requested:** 11:37:45  
**Lab:** RTI

**C Number:** R92025B  
**Study Gender:** Both  
**PWG Approval Date** See web page for date of PWG Approval

Study Number: R92025B

Test Type: RACB

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

I23: Average Dose by Phase

Test Compound: 4-Methylimidazole

CAS Number: 822-36-6

Date Report Requested: 10/02/2018

Time Report Requested: 11:37:45

Lab: RTI

Phase	F0	Treatment Groups (ppm)			F1	Treatment Groups (ppm)	
		750	2500	5000		750	2500
Prior to Pairing	Male <sup>a</sup>	47.9 (42.1-51.9)	144.6 (123.0-185.0)	260.1 (205.4-374.4)	Male <sup>b</sup>	63.7 (55.3-74.6)	206.9 (183.5-239.0)
	Female <sup>a</sup>	46.8 (40.3-55.4)	145.6 (129.8-168.0)	289.9 (232.9-333.6)	Female <sup>b</sup>	66.3 (57.2-83.1)	225.4 (197.0-268.9)
Gestation (GD 0-21)	F0 (Litter A)	52.2 (47.0-57.5)	159.1 (151.7-172.2)	317.4 (299.5-342.9)	F1 (Litter A)	50.7 (43.6-55.2)	169.0 (145.9-197.4)
	F0 (Litter B)	47.5 (42.0-52.3)	151.1 (140.0-171.5)	296.7 (273.5-326.1)	F1 (Litter B)	48.3 (42.8-54.4)	159.3 (144.8-188.5)
	F0 (Litter C)	45.2 (41.5-50.4)	143.4 (131.7-164.4)		F1 (Litter C)	47.0 (40.5-56.7)	155.4 (135.7-175.2)
	Average	48.3	151.2	307.0	Average	48.7	161.2
Lactation (LD 1-4)	F0 (Litter A)	86.1 (61.3-105.4)	239.5 (155.3-354.6)	254.0 (254.0-254.0)	F1 (Litter A)	80.7 (49.4-118.3)	256.8 (143.0-493.5)
	F0 (Litter B)	78.7 (60.9-93.9)	229.3 (160.4-297.0)	294.0 (294.0-294.0)	F1 (Litter B)	84.3 (52.7-150.2)	280.7 (158.2-555.1)
	F0 (Litter C)	72.4 (60.4-88.4)	227.0 (154.9-285.9)		F1 (Litter C)	73.8 (43.5-126.4)	298.6 (151.1-580.8)
	Average	79.1	231.9	274.0	Average	79.6	278.7
Lactation (LD 1-13)	F0 (Litter C)	101.4 (83.4-119.7)	319.0 (206.0-387.2)		F1 (Litter C)	93.8 (52.3-139.7)	306.5 (187.9-437.7)

**Study Number:** R92025B  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**I23: Average Dose by Phase**  
**Test Compound:** 4-Methylimidazole  
**CAS Number:** 822-36-6

**Date Report Requested:** 10/02/2018  
**Time Report Requested:** 11:37:45  
**Lab:** RTI

LEGEND

---

<sup>a</sup>Study days prior to first pairing

<sup>b</sup>Postnatal days between weaning and sacrifice or pairing

Values are given as mg/kg/day

Values for gestation and lactation phases only include pregnant dams.

Average dose by phase = (litter a + litter b + litter c)/3

Upper row denotes mean intake value

Lower row denotes the range of intake values in parentheses

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