

Study Number: MOG006

Test Type: MOG - Range Finding

Route: Oral Gavage - Constant Volume

Species/Strain: Rat/Sprague-Dawley

C Number:

Study Gender:

PWG Approval Date

I06: Mean Feed Consumption

Test Compound: Hydroxyurea

CAS Number: 127-07-1

MOG006

Female

See web page for date of PWG Approval

Date Report Requested: 03/09/2020

Time Report Requested: 11:43:27

Lab: RTI

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F0 Females

Treatment Groups (mg/kg/day)

Phase	Days	0			37.5			75		
		Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N
Gestation	3 - 6	18.8 ± 0.4	82.0 ± 2.0	8	18.2 ± 0.6	79.9 ± 1.4	6	17.6 ± 0.6	77.2 ± 1.8	8
	6 - 9	19.0 ± 0.5 *	78.1 ± 1.1	8	18.0 ± 0.5	74.8 ± 1.5	6	19.1 ± 0.3	78.9 ± 1.4	8
	9 - 12	19.9 ± 0.4	77.2 ± 1.7	8	19.7 ± 1.1	77.6 ± 3.4	6	20.0 ± 0.2	77.4 ± 1.1	8
	12 - 15	20.3 ± 0.6	73.7 ± 2.1	8	20.3 ± 1.0	74.5 ± 2.8	6	21.1 ± 0.7	76.6 ± 2.2	8
	15 - 17	20.8 ± 0.7 *	70.2 ± 2.1 *	8	22.0 ± 0.6	75.0 ± 2.1	6	22.4 ± 0.8	75.1 ± 2.0	8
	6 - 17	20.0 ± 0.4 *	74.1 ± 1.0 *	8	19.8 ± 0.7	74.5 ± 1.8	6	20.5 ± 0.3	76.1 ± 0.5	8
	17 - 19	24.1 ± 0.5	74.6 ± 0.8	8	23.7 ± 0.7	74.4 ± 1.5	6	24.6 ± 0.6	75.9 ± 1.5	8
	19 - 21	23.2 ± 0.5	65.8 ± 0.8	8	23.1 ± 0.6	66.7 ± 1.5	6	23.3 ± 0.5	65.8 ± 0.7	8
	17 - 21	23.7 ± 0.4	70.1 ± 0.6	8	23.4 ± 0.6	70.4 ± 1.2	6	23.9 ± 0.4	70.6 ± 0.6	8
Lactation	1 - 4	35.8 ± 1.8	128.5 ± 5.8	8	31.9 ± 3.7	117.5 ± 13.3	6	31.3 ± 2.8	111.9 ± 9.1	8
	4 - 7	45.5 ± 2.0	156.4 ± 5.9	8	45.0 ± 1.6	157.2 ± 4.2	5	45.1 ± 1.8	154.7 ± 3.7	7
	7 - 14	60.6 ± 1.6	200.1 ± 5.4	8	59.7 ± 0.6	202.6 ± 5.6	5	61.4 ± 2.5	200.1 ± 4.9	7
	1 - 14	51.4 ± 1.6	174.6 ± 5.3	8	50.7 ± 0.8	176.4 ± 4.6	5	51.1 ± 2.1	172.4 ± 4.0	7
	14 - 21	77.1 ± 1.9 *	257.0 ± 7.3 **	8	76.3 ± 2.0	264.7 ± 12.0	5	70.4 ± 2.2	231.7 ± 4.4 *	7
	21 - 25	111.7 ± 6.2 **	391.8 ± 21.6 **	8	120.8 ± 4.1	440.6 ± 28.1	5	96.1 ± 4.8	329.3 ± 14.9	7
	25 - 28	119.4 ± 7.3 **	435.8 ± 22.9 **	8	118.8 ± 6.5	457.0 ± 36.0	5	106.1 ± 3.4	385.6 ± 14.2	7
	21 - 28	115.0 ± 6.5 **	410.6 ± 22.2 **	8	119.9 ± 5.0	447.3 ± 31.1	5	100.4 ± 4.2	352.9 ± 14.4	7
	1 - 28	74.5 ± 2.6 **	255.7 ± 9.1 **	8	75.3 ± 2.0	266.8 ± 11.6	5	68.9 ± 2.4	233.7 ± 5.5	7

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Phase	Days	Treatment Groups (mg/kg/day)					
		100			150		
		Wt (g/animal/day)	Wt (g/kg/day)	N	Wt (g/animal/day)	Wt (g/kg/day)	N
Gestation	3 - 6	18.9 ± 0.5	81.3 ± 1.9	7	19.3 ± 0.7	83.7 ± 2.3	7
	6 - 9	19.1 ± 0.2	77.5 ± 0.8	7	19.8 ± 0.8	80.9 ± 2.5	7
	9 - 12	19.6 ± 0.4	75.2 ± 1.2	7	21.1 ± 0.7	80.4 ± 1.9	7
	12 - 15	20.8 ± 0.4	74.9 ± 0.9	7	21.9 ± 0.8	77.7 ± 2.0	7
	15 - 17	23.8 ± 0.7 *	79.4 ± 1.9 *	7	22.8 ± 1.0	75.1 ± 3.5	7
	6 - 17	20.6 ± 0.4	75.6 ± 0.6	7	21.3 ± 0.7	77.7 ± 1.9	7
	17 - 19	24.2 ± 0.6	74.2 ± 2.0	7	25.0 ± 1.0	75.8 ± 1.9	7
	19 - 21	23.7 ± 1.1	66.8 ± 2.3	7	23.7 ± 0.7	66.5 ± 0.9	7
	17 - 21	23.9 ± 0.6	70.3 ± 1.2	7	24.3 ± 0.8	71.0 ± 1.2	7
Lactation	1 - 4	33.6 ± 2.3	119.8 ± 8.1	7	30.6 ± 3.5	108.8 ± 12.3	7
	4 - 7	45.3 ± 3.8	153.1 ± 12.4	7	44.8 ± 5.1	151.2 ± 16.4	6
	7 - 14	56.9 ± 5.4	184.3 ± 16.8	7	55.6 ± 5.9	179.8 ± 18.4	6
	1 - 14	48.8 ± 4.3	163.5 ± 13.9	7	48.0 ± 4.9	160.3 ± 15.8	6
	14 - 21	66.2 ± 6.4	217.4 ± 20.8 *	7	NR	NR	
	21 - 25	72.9 ± 7.1 **	244.6 ± 23.3 **	7	NR	NR	
	25 - 28	71.4 ± 10.4 **	247.7 ± 36.4 **	7	NR	NR	
	21 - 28	72.3 ± 8.3 **	245.8 ± 27.5 **	7	NR	NR	
	1 - 28	59.4 ± 5.7 **	198.8 ± 18.3 **	7	NR	NR	

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LEGEND

Reported as the mean \pm SEM. N is the number of animals.

Feed consumption values were excluded when excessive spillage was recorded.

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

Consumption is not reported for the non-pregnant animals during gestation and lactation phases

NR not recorded

**** END OF REPORT ****