

**Study Number:** MOG03040

**Test Type:** MOG - Range Finding

**Route:** Oral Gavage

**Species/Strain:** Rat/Harlan Sprague Dawley

**Study Number:**

**Study Gender:**

**PWG Approval Date**

**I06: Mean Feed Consumption**

**Test Compound:** Deoxynivalenol

**CAS Number:** 51481-10-8

MOG03040

Both

See web page for date of PWG Approval

**Date Report Requested:** 07/16/2020

**Time Report Requested:** 10:39:13

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F0 Females

Treatment Groups (mg/kg/day)

Phase	Days	0			0.03			0.1		
		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	17.2 ± 0.4	74.3 ± 1.6	16	18.3 ± 0.5	78.7 ± 1.8	10	17.7 ± 0.5	76.5 ± 1.8	10
	6 - 9	17.3 ± 0.4	71.6 ± 1.4	15	18.1 ± 0.7	74.5 ± 2.5	10	17.3 ± 0.5	71.7 ± 1.8	10
	9 - 12	19.1 ± 0.3	74.3 ± 1.0	15	20.0 ± 0.5	77.1 ± 1.3	10	18.9 ± 0.3	73.8 ± 0.7	10
	12 - 15	19.8 ± 0.4 *	72.2 ± 1.1 *	15	20.5 ± 0.4	74.7 ± 1.5	10	20.4 ± 0.3	74.5 ± 1.2	10
	15 - 18	23.4 ± 0.4 *	77.2 ± 1.0 **	15	24.0 ± 0.5	78.6 ± 0.8	10	23.3 ± 0.3	76.7 ± 0.4	10
	18 - 21	24.5 ± 0.4 **	70.0 ± 1.5 **	12	24.0 ± 0.8	68.8 ± 1.6	10	23.9 ± 0.5	69.1 ± 1.4	10
	6 - 21	20.9 ± 0.3	72.8 ± 0.7 *	12	21.3 ± 0.5	74.3 ± 1.0	10	20.8 ± 0.2	72.9 ± 0.7	10
Lactation	1 - 4	36.0 ± 1.5	128.0 ± 4.9	11	36.7 ± 1.4	131.5 ± 5.2	10	36.7 ± 1.3	132.3 ± 3.7	10
	4 - 7	41.5 ± 1.1	142.6 ± 3.1	9	40.9 ± 1.0	140.0 ± 3.2	10	41.2 ± 1.0	142.8 ± 2.9	10
	7 - 12	53.1 ± 0.8	175.0 ± 2.6	9	51.0 ± 1.0	169.1 ± 4.0	10	53.3 ± 1.1	177.2 ± 3.4	10
	12 - 14	61.4 ± 1.5	200.0 ± 5.0	9	61.9 ± 1.4	200.5 ± 4.2	10	63.7 ± 1.4	206.2 ± 4.6	10
	1 - 14	48.0 ± 0.8	162.4 ± 2.7	9	47.1 ± 1.0	159.6 ± 3.6	10	48.3 ± 0.8	164.5 ± 2.2	10
	14 - 18	62.6 ± 1.2	205.0 ± 3.4 *	9	61.9 ± 1.4	202.3 ± 5.3	10	62.7 ± 1.5	204.2 ± 3.0	10
	18 - 21	78.9 ± 1.1	263.6 ± 5.6	9	77.7 ± 2.1	256.9 ± 7.5	10	76.9 ± 1.3	257.0 ± 2.8	10
	21 - 24	91.1 ± 1.5	310.5 ± 6.2	9	90.3 ± 2.1	306.6 ± 6.9	10	89.2 ± 1.2	310.1 ± 5.0	10
24 - 28	100.4 ± 1.7	352.1 ± 7.3	9	99.3 ± 1.4	345.8 ± 6.3	10	98.7 ± 1.3	351.8 ± 5.3	10	

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Treatment Groups (mg/kg/day)

Phase	Days	0.3			1			3		
		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	17.9 ± 0.6	77.3 ± 2.1	10	18.1 ± 0.4	78.1 ± 1.6	16	17.9 ± 0.5	77.3 ± 2.5	10
	6 - 9	18.1 ± 0.5	74.6 ± 1.7	10	17.9 ± 0.5	73.9 ± 1.7	16	16.9 ± 0.8	69.8 ± 3.1	10
	9 - 12	20.4 ± 0.7	78.6 ± 1.9	10	19.8 ± 0.4	76.9 ± 1.1	16	18.5 ± 0.5	71.4 ± 1.8	10
	12 - 15	21.4 ± 0.5 *	77.2 ± 0.6 *	10	21.3 ± 0.6	77.2 ± 1.6 *	16	20.5 ± 0.4	74.3 ± 1.6	10
	15 - 18	24.1 ± 0.7	78.1 ± 0.9	10	25.0 ± 0.5	82.2 ± 1.1 **	16	24.5 ± 0.6	80.4 ± 2.1 *	10
	18 - 21	24.8 ± 0.6	70.5 ± 1.0	10	26.1 ± 0.6	74.9 ± 1.4 *	13	26.3 ± 0.7	75.5 ± 1.7 *	10
	6 - 21	21.7 ± 0.5	75.3 ± 0.8	10	22.1 ± 0.5	77.1 ± 1.3 *	13	21.3 ± 0.5	74.3 ± 1.7	10
Lactation	1 - 4	36.9 ± 1.8	130.5 ± 5.3	10	37.0 ± 1.4	128.8 ± 4.3	13	33.4 ± 1.4	117.8 ± 4.7	8
	4 - 7	41.6 ± 1.6	142.0 ± 4.0	10	41.9 ± 1.6	140.4 ± 5.9	10	40.2 ± 1.0	135.9 ± 3.1	10
	7 - 12	53.2 ± 1.7	174.3 ± 3.6	10	50.1 ± 2.7	162.7 ± 8.1	10	49.8 ± 1.4	162.7 ± 5.7	10
	12 - 14	61.8 ± 2.3	198.2 ± 5.5	10	62.1 ± 3.7	198.8 ± 11.4	10	61.3 ± 1.4	194.1 ± 4.6	10
	1 - 14	48.1 ± 1.6	161.3 ± 3.7	10	47.0 ± 2.2	155.8 ± 7.2	10	46.5 ± 1.4	154.5 ± 4.8	10
	14 - 18	62.5 ± 2.4	202.6 ± 6.0	10	61.0 ± 3.2	196.7 ± 10.6	10	55.6 ± 2.2	178.2 ± 7.0	10
	18 - 21	77.8 ± 2.4	258.2 ± 7.1	10	76.3 ± 3.7	253.7 ± 14.4	10	72.0 ± 4.0	235.8 ± 13.4	10
	21 - 24	88.5 ± 2.5	304.7 ± 7.6	10	89.5 ± 4.6	306.2 ± 16.7	10	88.1 ± 4.5	297.9 ± 17.1	10
24 - 28	98.4 ± 3.2	345.6 ± 10.6	10	98.0 ± 5.4	341.0 ± 21.0	9	98.9 ± 4.7	338.4 ± 17.1	10	

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#### LEGEND

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Reported as the mean  $\pm$  SEM. N is the number of animals, number of cages for group housed adult animals or number of litters.

Feed consumption values were excluded when excessive spillage was recorded.

For F0 data 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  $P \leq 0.01$

Three dams were removed for biological sampling on GD18 from each of the control and 1 mg/kg groups, another three dams, and litters were removed from these groups on LD4.

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