

Study Number: MOG03040
Test Type: MOG - Range Finding
Route: Oral Gavage
Species/Strain: Rat/Harlan Sprague Dawley

I04: Mean Body Weight Summary
Test Compound: Deoxynivalenol
CAS Number: 51481-10-8

Date Report Requested: 06/11/2020
Time Report Requested: 07:00:07
Lab: Southern Research

Study Number:

MOG03040

Study Gender:

Both

PWG Approval Date

See web page for date of PWG Approval

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F0 Females

Treatment Groups (mg/kg/day)

Phase Day	0			0.03			0.1			0.3		
	Wt (g)	N		Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
GD3	226.3 ± 3.1	16		225.6 ± 3.9	99.7	10	225.8 ± 2.9	99.8	10	224.9 ± 2.8	99.4	10
GD6	237.2 ± 2.9	16		237.6 ± 4.5	100.2	10	237.0 ± 3.3	99.9	10	236.4 ± 3.2	99.7	10
GD7	239.7 ± 2.8	16		240.0 ± 4.8	100.1	10	238.8 ± 2.8	99.6	10	238.3 ± 3.5	99.4	10
GD8	242.6 ± 2.9	15		243.7 ± 5.2	100.5	10	243.3 ± 3.2	100.3	10	245.1 ± 4.0	101.0	10
GD9	247.7 ± 3.0	15		249.5 ± 4.7	100.7	10	247.8 ± 3.3	100.0	10	249.0 ± 4.2	100.5	10
GD10	254.6 ± 2.9	15		256.3 ± 4.9	100.7	10	253.3 ± 3.4	99.5	10	256.3 ± 4.2	100.7	10
GD11	261.4 ± 2.9	15		262.6 ± 5.3	100.4	10	260.1 ± 3.2	99.5	10	263.1 ± 4.5	100.6	10
GD12	265.5 ± 2.8	15		267.2 ± 5.1	100.6	10	265.4 ± 3.3	99.9	10	268.1 ± 4.8	101.0	10
GD13	270.6 ± 3.0	15		270.5 ± 5.2	100.0	10	270.0 ± 3.6	99.8	10	273.0 ± 5.0	100.9	10
GD14	276.9 ± 3.1	15		277.9 ± 5.2	100.4	10	275.4 ± 3.8	99.4	10	278.3 ± 5.3	100.5	10
GD15	284.6 ± 3.1	15		286.2 ± 5.1	100.6	10	283.9 ± 3.5	99.8	10	289.0 ± 5.9	101.5	10
GD16	295.0 ± 3.1	15		297.2 ± 5.1	100.7	10	296.7 ± 3.7	100.6	10	300.4 ± 6.3	101.8	10
GD17	309.7 ± 3.3	15		311.3 ± 5.5	100.5	10	310.2 ± 3.8	100.2	10	313.0 ± 7.5	101.1	10
GD18	325.3 ± 3.7	15		327.1 ± 6.0	100.6	10	324.9 ± 4.3	99.9	10	330.0 ± 8.7	101.4	10
GD19	343.9 ± 4.3	12		341.9 ± 6.4	99.4	10	340.1 ± 4.5	98.9	10	343.5 ± 9.6	99.9	10
GD20	358.6 ± 4.8	12		358.0 ± 6.3	99.8	10	355.0 ± 4.6	99.0	10	359.9 ± 10.5	100.4	10
GD21	372.2 ± 5.0	11		368.5 ± 6.8	99.0	9	372.5 ± 5.1	100.1	9	375.7 ± 11.9	100.9	10
LD1	274.8 ± 2.6 *	12		272.6 ± 4.9	99.2	10	269.4 ± 3.8	98.0	10	278.6 ± 4.5	101.4	10
LD4	289.5 ± 4.4	12		289.1 ± 5.2	99.9	10	283.5 ± 4.1	97.9	10	287.7 ± 5.3	99.4	10
LD7	293.3 ± 6.8	9		295.7 ± 4.6	100.8	10	291.8 ± 4.3	99.5	10	292.5 ± 5.1	99.7	10
LD12	310.3 ± 4.2	9		310.5 ± 5.8	100.1	10	309.7 ± 3.2	99.8	10	312.5 ± 5.5	100.7	10
LD14	306.3 ± 6.5	9		307.4 ± 4.8	100.3	10	309.1 ± 4.1	100.9	10	310.4 ± 6.4	101.3	10
LD18	302.9 ± 4.6	9		306.9 ± 6.6	101.3	10	304.0 ± 3.5	100.4	10	305.7 ± 5.0	100.9	10
LD21	296.3 ± 4.3	9		300.1 ± 4.9	101.3	10	292.5 ± 3.9	98.7	10	293.8 ± 5.3	99.1	10
LD24	288.3 ± 2.7	9		290.6 ± 6.0	100.8	10	284.7 ± 1.9	98.7	10	286.0 ± 6.6	99.2	10
LD28	282.4 ± 3.6	9		286.4 ± 5.4	101.4	10	275.3 ± 3.1	97.5	10	284.6 ± 6.5	100.8	10

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F0 Females

Phase Day	Treatment Groups (mg/kg/day)					
	1			3		
	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
GD3	226.2 ± 2.8	100.0	16	226.4 ± 3.7	100.0	10
GD6	237.0 ± 3.2	99.9	16	236.8 ± 3.9	99.9	10
GD7	240.2 ± 3.1	100.2	16	240.0 ± 3.7	100.1	10
GD8	243.6 ± 3.0	100.4	16	242.7 ± 4.1	100.1	10
GD9	248.9 ± 3.2	100.5	16	250.0 ± 4.6	100.9	10
GD10	254.8 ± 3.3	100.1	16	256.4 ± 4.6	100.7	10
GD11	261.9 ± 3.4	100.2	16	262.2 ± 4.5	100.3	10
GD12	265.8 ± 3.5	100.1	16	266.7 ± 4.4	100.4	10
GD13	272.6 ± 4.0	100.7	16	272.6 ± 4.5	100.7	10
GD14	278.3 ± 3.9	100.5	16	278.0 ± 4.7	100.4	10
GD15	286.2 ± 3.9	100.6	16	286.0 ± 4.5	100.5	10
GD16	296.2 ± 4.0	100.4	16	297.4 ± 4.9	100.8	10
GD17	309.2 ± 4.4	99.9	16	310.5 ± 5.2	100.3	10
GD18	323.4 ± 4.4	99.4	16	326.2 ± 5.2	100.3	10
GD19	340.1 ± 6.8	98.9	13	340.8 ± 5.7	99.1	10
GD20	356.5 ± 7.3	99.4	13	356.3 ± 6.4	99.4	10
GD21	372.0 ± 8.5	99.9	13	371.8 ± 7.1	99.9	10
LD1	283.9 ± 4.8	103.3	13	283.3 ± 4.5	103.1	10
LD4	293.7 ± 4.7	101.5	13	291.2 ± 3.7	100.6	10
LD7	302.6 ± 5.6	103.2	10	296.8 ± 7.3	101.2	10
LD12	313.4 ± 7.7	101.0	10	316.8 ± 4.9	102.1	10
LD14	313.2 ± 6.6	102.2	10	318.9 ± 5.5	104.1	10
LD18	307.5 ± 6.3	101.5	10	309.6 ± 5.7	102.2	10
LD21	299.1 ± 6.4	101.0	10	301.4 ± 6.0	101.7	10
LD24	294.1 ± 7.4	102.0	9	295.4 ± 4.4	102.5	10
LD28	287.7 ± 7.7	101.9	9	294.7 ± 4.4	104.4	10

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LEGEND

Data are displayed as mean \pm SEM

GD - Gestation Day; LD - Lactation Day

Statistical analysis of weight data performed by Jonckheere (trend) and Williams or Dunnett (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 ****