

Study Number: MOG11042
Test Type: MOG - Range Finding
Route: Dosing in Feed
Species/Strain: Rat/Harlan Sprague Dawley

R19: Pup Mean Body Weight Summary
Test Compound: Triphenyl Phosphate
CAS Number: 115-86-6

Date Report Requested: 11/04/2021
Time Report Requested: 16:40:40
Lab: Battelle

Study Number: MOG11042
Study Gender: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.3.3
Stat Version: S

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F1 Males

Treatment Groups (ppm)

Phase Day	0		1000			3000			10000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	7.37 ± 0.17 **	75 (15)	7.16 ± 0.11	97.12	96 (16)	7.65 ± 0.13	103.74	79 (12)	6.58 ± 0.20 **	89.23	85 (15)
PND4	10.49 ± 0.29 **	75 (15)	10.07 ± 0.25	95.93	96 (16)	10.84 ± 0.22	103.33	79 (12)	8.56 ± 0.46 **	81.54	79 (15)
PND7	14.56 ± 0.55 **	57 (12)	13.77 ± 0.53	94.59	74 (13)	14.32 ± 0.25	98.39	78 (12)	11.61 ± 0.48 **	79.76	57 (11)
PND10	19.45 ± 0.85 **	57 (12)	19.09 ± 0.76	98.15	74 (13)	19.16 ± 0.51	98.50	77 (12)	14.62 ± 0.48 **	75.18	57 (11)
PND14	27.06 ± 0.82 **	56 (12)	26.42 ± 1.08	97.63	73 (13)	26.45 ± 0.50	97.75	75 (12)	18.91 ± 0.50 **	69.89	56 (11)
PND17	32.02 ± 0.91 **	56 (12)	30.86 ± 1.26	96.38	74 (13)	31.27 ± 0.64	97.67	75 (12)	22.07 ± 0.53 **	68.91	56 (11)
PND21	43.68 ± 1.44 **	56 (12)	42.37 ± 1.86	96.99	74 (13)	42.49 ± 1.07	97.27	75 (12)	26.22 ± 0.77 **	60.01	56 (11)
PND24	56.45 ± 1.91 **	56 (12)	54.62 ± 2.28	96.77	74 (13)	55.26 ± 1.28	97.89	75 (12)	33.03 ± 1.24 **	58.52	56 (11)
PND28	72.68 ± 2.24 **	56 (12)	70.05 ± 2.51	96.37	74 (13)	71.70 ± 1.55	98.65	75 (12)	44.49 ± 1.61 **	61.20	56 (11)

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Phase Day	Treatment Groups (ppm)		
	15000		
	WT (g)	% of CNTL	N
PND1	6.05 ± 0.18 **	82.02	61 (10)
PND4	7.01 ± 0.44 **	66.82	52 (10)
PND7	8.52 ± 0.57 **	58.51	47 (10)
PND10	10.28 ± 0.67 **	52.83	42 (9)
PND14	12.48 ± 0.83 **	46.11	41 (9)
PND17	14.09 ± 1.09 **	44.00	32 (8)
PND21	15.46 ± 1.21 **	35.39	32 (8)
PND24	17.75 ± 1.44 **	31.44	32 (8)
PND28	22.06 ± 2.26 **	30.36	31 (8)

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F1 Females

Treatment Groups (ppm)

Phase Day	0		1000			3000			10000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	7.13 ± 0.13 **	101 (15)	6.90 ± 0.12	96.72	90 (16)	7.20 ± 0.14	100.97	79 (12)	6.17 ± 0.18 **	86.50	100 (15)
PND4	10.15 ± 0.26 **	101 (15)	9.54 ± 0.27	93.95	90 (16)	10.08 ± 0.16	99.26	77 (12)	8.20 ± 0.38 **	80.78	92 (14)
PND7	13.97 ± 0.45 **	81 (12)	13.15 ± 0.51	94.15	70 (13)	13.44 ± 0.20	96.23	78 (12)	10.86 ± 0.44 **	77.77	69 (11)
PND10	18.91 ± 0.51 **	81 (12)	17.76 ± 0.94	93.92	69 (13)	17.91 ± 0.30	94.71	78 (12)	13.47 ± 0.53 **	71.25	69 (11)
PND14	25.90 ± 0.58 **	80 (12)	25.67 ± 0.82	99.12	67 (12)	24.46 ± 0.42	94.45	78 (12)	17.47 ± 0.58 **	67.45	67 (11)
PND17	30.44 ± 0.73 **	80 (12)	30.07 ± 1.02	98.78	67 (12)	28.90 ± 0.48	94.93	78 (12)	20.38 ± 0.53 **	66.96	66 (11)
PND21	41.11 ± 0.99 **	80 (12)	41.01 ± 1.35	99.75	67 (12)	38.91 ± 0.71	94.64	78 (12)	24.31 ± 0.59 **	59.12	66 (11)
PND24	52.60 ± 1.38 **	80 (12)	52.23 ± 1.75	99.30	67 (12)	49.78 ± 0.91	94.64	78 (12)	30.65 ± 0.98 **	58.26	66 (11)
PND28	66.48 ± 1.42 **	80 (12)	65.84 ± 1.77	99.05	67 (12)	63.42 ± 1.27	95.41	78 (12)	39.89 ± 1.21 **	60.00	66 (11)

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F1 Females

Phase Day	Treatment Groups (ppm)		
	15000		
	WT (g)	% of CNTL	N
PND1	5.70 ± 0.20 **	79.92	54 (10)
PND4	6.83 ± 0.38 **	67.29	51 (10)
PND7	8.04 ± 0.52 **	57.60	46 (10)
PND10	9.89 ± 0.54 **	52.34	41 (9)
PND14	12.48 ± 0.89 **	48.17	40 (9)
PND17	14.34 ± 1.23 **	47.09	34 (8)
PND21	15.88 ± 1.56 **	38.62	34 (8)
PND24	18.49 ± 2.08 **	35.16	34 (8)
PND28	21.59 ± 2.80 **	32.48	32 (8)

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F1 Pups

Treatment Groups (ppm)

Phase Day	0		1000			3000			10000		
	WT (g)	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N	WT (g)	% of CNTL	N
PND1	7.24 ± 0.13 **	176 (15)	7.04 ± 0.11	97.21	186 (16)	7.43 ± 0.13	102.61	158 (12)	6.35 ± 0.19 **	87.78	185 (15)
PND4	10.31 ± 0.26 **	176 (15)	9.85 ± 0.25	95.46	186 (16)	10.48 ± 0.18	101.60	156 (12)	8.18 ± 0.47 **	79.28	171 (15)
PND7	14.25 ± 0.45 **	138 (12)	13.50 ± 0.51	94.74	144 (13)	13.93 ± 0.21	97.76	156 (12)	11.21 ± 0.45 **	78.66	126 (11)
PND10	19.20 ± 0.54 **	138 (12)	18.51 ± 0.79	96.40	143 (13)	18.66 ± 0.36	97.18	155 (12)	14.00 ± 0.48 **	72.93	126 (11)
PND14	26.46 ± 0.58 **	136 (12)	25.74 ± 1.04	97.24	140 (13)	25.47 ± 0.43	96.24	153 (12)	18.16 ± 0.50 **	68.62	123 (11)
PND17	31.16 ± 0.74 **	136 (12)	30.09 ± 1.23	96.55	141 (13)	30.11 ± 0.56	96.62	153 (12)	21.20 ± 0.49 **	68.04	122 (11)
PND21	42.29 ± 1.07 **	136 (12)	41.14 ± 1.76	97.28	141 (13)	40.69 ± 0.88	96.22	153 (12)	25.27 ± 0.63 **	59.75	122 (11)
PND24	54.29 ± 1.44 **	136 (12)	52.84 ± 2.16	97.33	141 (13)	52.49 ± 1.14	96.69	153 (12)	31.78 ± 1.04 **	58.54	122 (11)
PND28	69.18 ± 1.58 **	136 (12)	67.40 ± 2.26	97.43	141 (13)	67.50 ± 1.46	97.58	153 (12)	42.10 ± 1.31 **	60.86	122 (11)

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Phase Day	Treatment Groups (ppm)		
	15000		
	WT (g)	% of CNTL	N
PND1	5.89 ± 0.19 **	81.38	115 (10)
PND4	6.97 ± 0.41 **	67.62	103 (10)
PND7	8.32 ± 0.55 **	58.40	93 (10)
PND10	10.10 ± 0.58 **	52.60	83 (9)
PND14	12.52 ± 0.76 **	47.29	81 (9)
PND17	14.21 ± 1.08 **	45.59	66 (8)
PND21	15.66 ± 1.32 **	37.04	66 (8)
PND24	18.09 ± 1.72 **	33.31	66 (8)
PND28	21.89 ± 2.47 **	31.65	63 (8)

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LEGEND

N = the number of pups (number of litters)

PND - Postnatal Day, pups pre-weaning

Data are displayed as the means and standard errors of the litter means.

Pup weights are adjusted for covariate litter size using total live on PND 1.

Statistical analysis was performed using mixed effects models with litter as a random effect, and a Dunnett-Hsu adjustment for multiple pairwise comparisons.

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 $P \leq 0.01$

The 30,000 ppm group was terminated due to excessive toxicity on GD12.

Three dams were removed from the control, 1000, and 10000 ppm groups for biological sample collection on GD18, and three dams and their litters were removed from these groups on LD4.

**** END OF REPORT ****