

**Study Number:** I20263  
**Test Type:** TOX  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Harlan Sprague Dawley

**I04G: Mean Body Weight Gain**  
**Test Compound:** Tris (chloropropyl) phosphate  
**CAS Number:** 13674-84-5

**Date Report Requested:** 02/24/2023  
**Time Report Requested:** 14:13:50  
**Lab:** Burleson Research Technologies

**Study Number:** I20263  
**Study Gender:** Both  
**PWG Approval Date:** See web page for date of PWG Approval  
**Version:** v1.4.3  
**Stat Version:** v2.9.1A

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F0 Females

Treatment Groups (ppm)

Phase	Days	0		2500		5000		10000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
Gestation	3 - 6	14.8 ± 1.2	30	13.5 ± 1.3	29	15.5 ± 1.6	29	15.7 ± 1.3	30
	6 - 9	9.4 ± 0.6 **	30	9.6 ± 0.7	29	4.5 ± 2.2 *	29	3.6 ± 1.5 **	30
	9 - 12	16.4 ± 0.6 *	30	16.9 ± 0.6	29	20.8 ± 2.3	29	19.6 ± 1.2	30
	12 - 15	18.5 ± 0.7	30	19.9 ± 0.8	29	18.4 ± 0.9	29	21.7 ± 1.3	30
	15 - 18	38.0 ± 1.2	30	40.6 ± 1.0	29	39.9 ± 1.7	29	40.4 ± 1.6	30
	18 - 21	46.5 ± 1.3	30	50.1 ± 1.5	29	46.8 ± 1.4	29	47.9 ± 2.2	30
	6 - 21	128.8 ± 2.7	30	137.0 ± 2.5	29	130.4 ± 3.4	29	133.3 ± 4.5	30
Lactation	1 - 4	8.1 ± 1.5	29	12.0 ± 1.7	29	6.7 ± 1.7	29	9.2 ± 1.5	28
	4 - 7	2.8 ± 1.7	29	3.6 ± 1.6	29	3.6 ± 1.8	29	5.1 ± 1.6	28
	7 - 14	7.7 ± 1.8	30	12.0 ± 1.6	29	9.2 ± 2.1	29	11.9 ± 1.7	28
	14 - 21	-19.5 ± 2.6	30	-11.3 ± 2.3 *	28	-14.9 ± 1.8	29	-16.5 ± 2.7	28
	21 - 28	-6.3 ± 2.0 *	30	-15.2 ± 1.9 **	28	-12.6 ± 1.5	29	-13.9 ± 2.6 *	28
	1 - 28	-6.9 ± 1.8	30	1.2 ± 2.1 *	28	-8.1 ± 2.0	29	-4.3 ± 2.1	28

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F1 Males: SRBC

Treatment Groups (ppm)

Phase	Days	0		2500		5000		10000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	41.4 ± 0.7	12	39.8 ± 0.9	12	42.8 ± 1.5	12	37.9 ± 1.4	12
	7 - 14	45.9 ± 0.9	12	46.1 ± 1.3	12	44.4 ± 1.5	12	42.7 ± 1.3	12
	14 - 21	47.4 ± 1.1 **	12	46.1 ± 0.8	12	43.3 ± 2.7	12	42.6 ± 1.1 *	12
	21 - 28	43.1 ± 1.6	12	43.8 ± 1.6	12	42.9 ± 1.5	12	41.6 ± 1.0	12
	28 - 35	25.8 ± 2.0	12	29.9 ± 1.1	12	25.3 ± 1.7	12	25.2 ± 1.5	12
	35 - 42	22.3 ± 1.5	12	24.4 ± 1.3	12	23.4 ± 2.0	12	22.7 ± 1.0	12
	42 - 49	16.4 ± 1.7	12	17.8 ± 1.1	12	15.4 ± 1.6	12	15.7 ± 1.8	12
	49 - 56	14.0 ± 0.6 **	12	14.1 ± 1.0	12	14.0 ± 1.2	12	17.5 ± 1.1 *	12
	56 - 63	15.3 ± 1.7	12	13.5 ± 1.6	12	11.1 ± 1.1	12	13.5 ± 1.4	12
	63 - 70	8.0 ± 1.4 *	12	11.0 ± 1.4	12	11.1 ± 1.1	12	12.7 ± 1.3 *	12
	70 - 77	11.5 ± 2.1	12	10.7 ± 1.2	12	9.8 ± 1.4	12	10.3 ± 1.4	12
	77 - 84	5.8 ± 2.1	12	5.1 ± 1.3	12	2.9 ± 1.4	12	3.3 ± 1.2	12
	84 - 91	7.3 ± 1.2	12	9.3 ± 1.4	12	9.2 ± 1.2	12	8.3 ± 0.7	12

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F1 Females: SRBC

Phase	Days	Treatment Groups (ppm)							
		0		2500		5000		10000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	29.3 ± 1.0	12	30.1 ± 0.7	12	31.0 ± 0.8	12	29.3 ± 0.8	12
	7 - 14	24.8 ± 1.0	12	26.8 ± 0.8	12	27.8 ± 0.8 *	12	26.8 ± 0.8	12
	14 - 21	21.5 ± 1.5 *	12	19.9 ± 1.2	12	18.9 ± 0.7	12	18.6 ± 0.7	12
	21 - 28	17.5 ± 0.9	12	19.3 ± 1.2	12	18.1 ± 1.1	12	18.3 ± 0.4	12
	28 - 35	11.3 ± 1.5	12	11.4 ± 0.9	12	12.3 ± 0.8	12	9.1 ± 1.1	12
	35 - 42	8.0 ± 1.0	12	10.7 ± 1.4	12	9.9 ± 0.9	12	9.8 ± 1.2	12
	42 - 49	6.8 ± 0.9	12	9.3 ± 2.0	12	8.3 ± 1.0	12	7.5 ± 1.3	12
	49 - 56	6.9 ± 1.3	12	4.8 ± 1.8	12	6.4 ± 1.5	12	5.6 ± 1.4	12
	56 - 63	5.6 ± 0.9	12	5.0 ± 2.2	12	3.8 ± 1.1	12	6.2 ± 1.3	12
	63 - 70	7.3 ± 1.3 *	12	5.6 ± 0.9	12	4.7 ± 1.2	12	3.2 ± 1.3 *	12
	70 - 77	2.7 ± 0.8	12	5.8 ± 1.3	12	3.4 ± 1.2	12	2.8 ± 1.1	12
	77 - 84	3.7 ± 1.0	12	1.7 ± 1.3	12	4.8 ± 1.5	12	1.5 ± 0.9	12
84 - 91	6.4 ± 1.3	12	4.1 ± 0.7	12	2.6 ± 1.7	12	4.8 ± 1.2	12	

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F1 Males: KLH

Treatment Groups (ppm)

Phase	Days	0		2500		5000		10000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	43.6 ± 1.4	12	42.8 ± 1.0	12	42.0 ± 1.5	12	40.1 ± 1.5	10
	7 - 14	50.0 ± 1.2 **	12	46.7 ± 0.9 *	12	46.6 ± 1.5 *	12	44.2 ± 1.0 **	10
	14 - 21	43.4 ± 1.4	12	45.2 ± 1.2	12	43.3 ± 1.1	12	40.7 ± 1.2	10
	21 - 28	39.9 ± 1.2 **	12	36.6 ± 1.2	12	34.8 ± 1.4 **	12	34.8 ± 0.7 **	10
	28 - 35	36.4 ± 1.4	12	35.3 ± 1.4	12	33.8 ± 1.4	12	31.4 ± 2.7	10
	35 - 42	18.3 ± 1.7	12	18.7 ± 0.6	12	16.5 ± 1.5	12	16.8 ± 0.7	10
	42 - 49	19.7 ± 1.0	12	19.0 ± 1.0	12	16.7 ± 1.4	12	19.4 ± 1.0	10
	49 - 56	18.5 ± 1.4	12	18.7 ± 2.0	12	14.7 ± 2.8	12	14.9 ± 1.2	10
	56 - 63	13.1 ± 1.3	12	12.0 ± 1.7	12	14.8 ± 2.8	12	11.8 ± 1.4	10
	63 - 70	12.3 ± 0.8 **	12	9.3 ± 0.7	12	5.3 ± 1.2 **	12	7.7 ± 2.2 **	10
	70 - 77	14.0 ± 1.0	12	13.7 ± 0.8	12	14.0 ± 0.9	12	15.7 ± 1.4	10
	77 - 84	9.5 ± 0.9 *	12	9.3 ± 0.8	12	5.2 ± 0.7 **	12	8.2 ± 1.4	10
84 - 91	7.4 ± 1.3 *	12	7.9 ± 1.4	12	8.6 ± 1.8	12	11.7 ± 1.3	10	

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F1 Females: KLH

Phase	Days	Treatment Groups (ppm)							
		0		2500		5000		10000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	30.4 ± 1.1	12	32.3 ± 0.9	12	32.0 ± 1.0	12	31.2 ± 0.8	12
	7 - 14	32.1 ± 0.8 *	12	29.4 ± 1.0	12	29.0 ± 0.8	12	28.8 ± 1.1	12
	14 - 21	17.3 ± 1.3	12	21.0 ± 1.2	12	19.5 ± 0.9	12	19.4 ± 1.0	12
	21 - 28	21.4 ± 1.7 **	12	15.0 ± 1.0 **	12	12.4 ± 0.9 **	12	13.4 ± 1.2 **	12
	28 - 35	14.8 ± 2.7	12	16.8 ± 1.2	12	15.1 ± 1.3	12	15.3 ± 1.0	12
	35 - 42	5.9 ± 2.0	12	7.8 ± 1.7	12	7.6 ± 1.2	12	6.5 ± 0.9	12
	42 - 49	7.6 ± 2.1	12	8.8 ± 0.8	12	6.8 ± 0.7	12	9.4 ± 1.0	12
	49 - 56	9.1 ± 2.1	12	8.8 ± 1.9	12	4.4 ± 1.6	12	10.2 ± 1.1	12
	56 - 63	8.3 ± 1.5 *	12	7.3 ± 1.9	12	7.7 ± 2.1	12	3.2 ± 1.4	12
	63 - 70	3.2 ± 1.6	12	2.8 ± 1.5	12	3.7 ± 1.7	12	3.4 ± 1.9	12
	70 - 77	6.3 ± 1.2	12	6.1 ± 1.2	12	6.3 ± 1.2	12	6.7 ± 2.0	12
	77 - 84	2.8 ± 1.6	12	2.7 ± 1.4	12	-0.1 ± 1.8	12	2.7 ± 1.2	12
	84 - 91	4.7 ± 0.8	12	4.6 ± 1.2	12	6.3 ± 1.8	12	4.8 ± 1.2	12

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F1 Males: Immunophenotyping

Phase	Days	Treatment Groups (ppm)							
		0		2500		5000		10000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	42.4 ± 1.2 *	12	42.7 ± 0.9	12	42.3 ± 1.1	12	38.3 ± 1.1 *	11
	7 - 14	50.8 ± 0.6 **	12	48.9 ± 1.2	12	47.8 ± 0.7	12	45.6 ± 1.5 **	11
	14 - 21	43.5 ± 1.3	12	45.9 ± 1.5	12	43.1 ± 0.9	12	42.1 ± 2.1	11
	21 - 28	36.6 ± 1.0 *	12	38.3 ± 1.6	12	35.8 ± 0.6	12	33.7 ± 0.8	11
	28 - 35	38.6 ± 1.0 *	12	36.9 ± 1.6	12	32.7 ± 2.0 *	12	33.5 ± 2.2	11
	35 - 42	18.7 ± 1.4	12	19.8 ± 1.4	12	20.4 ± 1.0	12	19.1 ± 1.5	11
	42 - 49	20.0 ± 1.5	12	18.4 ± 1.1	12	20.3 ± 1.1	12	20.8 ± 1.5	11
	49 - 56	16.1 ± 1.1	12	17.7 ± 0.8	10	15.0 ± 2.2	12	17.4 ± 1.4	11
	56 - 63	11.6 ± 1.9	12	10.0 ± 2.6	10	12.7 ± 2.4	12	9.4 ± 1.7	11
	63 - 70	9.0 ± 1.0	12	6.0 ± 1.5	12	9.2 ± 1.3	12	11.3 ± 1.0	11
	70 - 77	12.8 ± 0.5	12	15.8 ± 1.6	12	13.3 ± 1.1	12	14.1 ± 1.5	11
	77 - 84	11.4 ± 1.0	12	9.6 ± 1.2	12	6.5 ± 1.4 *	12	8.7 ± 1.4	11
	84 - 91	11.8 ± 1.3	12	9.8 ± 1.0	12	9.5 ± 3.2	12	10.5 ± 1.7	11

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Lab: Burleson Research Technologies

F1 Females: Immunophenotyping

Phase	Days	Treatment Groups (ppm)							
		0		2500		5000		10000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	31.0 ± 0.7	12	31.9 ± 0.8	12	31.7 ± 0.8	12	30.3 ± 0.6	12
	7 - 14	30.0 ± 0.8 *	12	29.2 ± 1.0	12	30.0 ± 0.9	12	27.8 ± 1.0	12
	14 - 21	16.3 ± 1.2 **	12	19.3 ± 1.1	12	19.6 ± 0.8	12	21.8 ± 1.3 **	12
	21 - 28	18.8 ± 1.4 **	12	16.4 ± 1.1	12	14.6 ± 1.2 *	12	11.2 ± 1.3 **	12
	28 - 35	16.4 ± 1.2	12	16.1 ± 1.2	12	17.3 ± 1.5	12	16.3 ± 0.9	12
	35 - 42	9.3 ± 1.0 **	12	7.8 ± 0.9	12	5.8 ± 1.3 *	12	4.3 ± 0.9 **	12
	42 - 49	5.8 ± 1.3 *	12	7.8 ± 1.2	12	7.3 ± 1.7	12	10.0 ± 1.0	12
	49 - 56	11.0 ± 1.2	10	7.5 ± 1.0	12	6.5 ± 1.1 *	12	8.6 ± 1.0	12
	56 - 63	4.9 ± 1.1	10	4.5 ± 1.1	12	9.9 ± 1.0 *	12	5.6 ± 1.3	12
	63 - 70	5.3 ± 0.6	12	6.6 ± 1.6	12	0.8 ± 1.2 *	12	4.8 ± 1.2	12
	70 - 77	4.8 ± 1.3 *	12	7.1 ± 1.3	12	4.1 ± 1.2	12	2.7 ± 0.8	12
77 - 84	4.6 ± 1.5	12	2.5 ± 1.2	12	3.8 ± 1.2	12	2.5 ± 1.0	12	



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I04G: Mean Body Weight Gain

Test Compound: Tris (chloropropyl) phosphate

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Lab: Burlinson Research Technologies

F1 Males: CTL

Treatment Groups (ppm)

Phase	Days	0		2500		5000		10000		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	40.3 ± 1.0 *	12	37.9 ± 2.1	12	38.1 ± 1.2	12	36.5 ± 1.1	12	NA	
	7 - 14	47.6 ± 1.2 *	12	43.3 ± 2.5	12	44.7 ± 1.2	12	42.5 ± 1.4	12	NA	
	14 - 21	47.4 ± 0.7 **	12	44.0 ± 2.4	12	42.8 ± 0.9 *	12	41.8 ± 1.0 *	12	NA	
	21 - 28	43.4 ± 1.4	12	46.2 ± 1.2	11	41.8 ± 1.4	12	42.7 ± 1.3	12	NA	
	28 - 35	28.3 ± 1.3	12	26.0 ± 2.4	11	25.1 ± 1.4	12	28.3 ± 1.1	12	NA	
	35 - 42	23.7 ± 1.4	12	22.3 ± 2.6	11	21.3 ± 1.9	12	21.6 ± 0.9	12	NA	
	42 - 49	19.8 ± 1.2	12	15.9 ± 1.7	11	16.6 ± 1.5	12	16.6 ± 0.7	12	NA	
	49 - 56	17.9 ± 1.0 *	12	19.1 ± 2.1	11	16.3 ± 1.5	12	14.5 ± 1.4	12	NA	
	56 - 63	14.3 ± 1.6	12	14.5 ± 1.5	11	11.8 ± 1.4	12	17.9 ± 1.8	12	NA	
	63 - 70	11.3 ± 1.1	12	13.6 ± 1.2	11	10.5 ± 1.5	12	10.3 ± 1.8	12	NA	
	70 - 77	9.2 ± 0.8	12	10.7 ± 1.3	11	8.5 ± 1.8	12	9.1 ± 1.2	12	NA	
	77 - 84	8.5 ± 1.2 **	12	6.5 ± 0.9	11	4.2 ± 1.2 **	12	3.4 ± 1.1 **	12	NA	
84 - 91	12.5 ± 1.0 **	12	9.4 ± 1.1	11	9.3 ± 1.3 *	12	7.6 ± 1.0 **	12	15.5 ± 1.6	8	

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Lab: Burleson Research Technologies

F1 Females: CTL

Treatment Groups (ppm)

Phase	Days	0		2500		5000		10000		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	29.8 ± 0.8 *	12	29.6 ± 0.9	12	26.3 ± 1.2 *	12	27.4 ± 1.1	12	NA	
	7 - 14	26.6 ± 1.3	12	26.5 ± 0.8	12	26.3 ± 1.1	12	27.5 ± 1.1	12	NA	
	14 - 21	22.3 ± 1.5	12	23.6 ± 0.6	12	22.7 ± 1.5	12	19.8 ± 1.0	12	NA	
	21 - 28	18.9 ± 1.3	12	18.0 ± 1.1	12	18.3 ± 1.5	12	15.7 ± 1.4	12	NA	
	28 - 35	10.4 ± 1.1	12	11.2 ± 1.2	12	9.1 ± 1.1	12	8.6 ± 1.1	12	NA	
	35 - 42	8.0 ± 1.4	12	8.8 ± 1.5	12	11.4 ± 0.7	12	10.8 ± 1.0	12	NA	
	42 - 49	8.6 ± 1.3	12	10.5 ± 2.0	12	8.3 ± 0.8	12	5.8 ± 1.1	12	NA	
	49 - 56	6.5 ± 1.5	12	7.4 ± 1.4	12	5.8 ± 1.1	12	7.7 ± 1.4	12	NA	
	56 - 63	6.6 ± 1.2	12	1.8 ± 1.8	12	5.3 ± 1.1	12	4.8 ± 1.5	12	NA	
	63 - 70	3.8 ± 0.9	12	4.6 ± 1.4	12	7.3 ± 1.6	12	4.6 ± 1.4	12	NA	
	70 - 77	1.8 ± 1.4	12	5.4 ± 1.6	12	3.7 ± 1.7	12	5.7 ± 1.3	12	NA	
	77 - 84	5.7 ± 1.0 **	12	2.3 ± 1.5	12	0.8 ± 1.4 *	12	-0.9 ± 1.5 **	12	NA	
84 - 91	-0.7 ± 1.1	12	-2.7 ± 0.9	12	-1.7 ± 1.3	11	-1.1 ± 1.3	12	-8.8 ± 1.7 **	8	

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Lab: Burlinson Research Technologies

F1 Males: Immunopath

Treatment Groups (ppm)

Phase	Days	0		2500		5000		10000		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	42.3 ± 1.0 *	12	41.2 ± 1.2	12	41.7 ± 0.9	12	37.4 ± 2.1 *	11	NA	
	7 - 14	49.4 ± 0.9 **	12	46.6 ± 0.8	12	45.8 ± 1.5 *	12	42.9 ± 1.4 **	11	NA	
	14 - 21	44.9 ± 0.8	12	45.2 ± 0.9	12	42.7 ± 1.3	12	42.2 ± 1.5	11	NA	
	21 - 28	38.5 ± 0.9 *	12	36.7 ± 0.9	12	37.2 ± 1.9	12	32.5 ± 2.4 *	11	NA	
	28 - 35	35.3 ± 1.0 **	12	28.8 ± 1.6 *	12	26.8 ± 3.2 **	12	24.2 ± 2.2 **	11	NA	
	35 - 42	17.4 ± 1.3	12	18.3 ± 2.0	12	17.7 ± 1.8	12	20.0 ± 2.1	11	NA	
	42 - 49	17.8 ± 1.2	12	13.7 ± 2.1	12	14.0 ± 1.5	12	17.3 ± 1.5	11	NA	
	49 - 56	11.8 ± 2.2	12	11.7 ± 4.8	12	12.0 ± 2.8	12	8.0 ± 2.0	11	NA	
	56 - 63	11.8 ± 2.4	12	10.1 ± 3.3	12	10.1 ± 2.1	12	8.6 ± 2.0	11	NA	
	63 - 70	11.1 ± 1.2	12	8.2 ± 1.3	12	9.7 ± 1.3	12	11.3 ± 1.5	11	NA	
	70 - 77	14.1 ± 2.3	12	13.3 ± 1.1	12	15.1 ± 1.2	12	16.1 ± 1.9	11	NA	
	77 - 84	12.8 ± 1.3	12	9.1 ± 1.7	12	13.2 ± 1.8	12	10.2 ± 1.1	11	NA	
84 - 91	8.1 ± 1.1	12	12.4 ± 1.1	12	11.6 ± 1.5	12	7.5 ± 2.1	11	-10.3 ± 2.9 **	4	

Study Number: I20263

Test Type: TOX

Route: Dosing in Feed

Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain

Test Compound: Tris (chloropropyl) phosphate

CAS Number: 13674-84-5

Date Report Requested: 02/24/2023

Time Report Requested: 14:13:50

Lab: Burleson Research Technologies

F1 Females: Immunopath

Treatment Groups (ppm)

Phase	Days	0		2500		5000		10000		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	32.2 ± 0.9 **	12	31.6 ± 0.7	12	31.0 ± 0.5	12	28.5 ± 0.9 **	11	NA	
	7 - 14	29.7 ± 1.0	12	29.8 ± 1.1	12	27.8 ± 0.8	12	27.7 ± 0.7	11	NA	
	14 - 21	20.5 ± 0.8 **	12	19.9 ± 0.7	12	20.8 ± 0.7	12	16.9 ± 0.3 **	11	NA	
	21 - 28	17.3 ± 1.0 **	12	19.3 ± 1.4	12	14.7 ± 1.5	12	11.5 ± 1.2 **	11	NA	
	28 - 35	17.7 ± 1.5 *	12	13.3 ± 2.0	12	15.4 ± 1.0	12	13.4 ± 1.7	11	NA	
	35 - 42	7.5 ± 1.7	12	7.0 ± 0.8	11	8.1 ± 1.2	12	6.5 ± 1.5	11	NA	
	42 - 49	10.3 ± 0.8	12	9.7 ± 1.4	11	9.3 ± 0.7	12	7.1 ± 1.8	11	NA	
	49 - 56	8.5 ± 1.1	12	7.6 ± 2.0	11	7.0 ± 1.8	12	5.3 ± 2.7	11	NA	
	56 - 63	6.8 ± 1.0	12	6.8 ± 2.2	11	8.5 ± 1.6	12	8.9 ± 2.2	11	NA	
	63 - 70	5.9 ± 1.3	12	0.5 ± 1.6 *	11	2.9 ± 1.4	12	3.2 ± 1.1	11	NA	
	70 - 77	3.3 ± 0.8	12	7.1 ± 1.2 *	11	5.5 ± 0.7	12	4.2 ± 1.4	11	NA	
77 - 84	6.0 ± 1.8	12	6.8 ± 1.6	11	4.7 ± 1.1	12	4.7 ± 1.2	11	-2.0 ± 2.4 *	7	

Study Number: I20263

Test Type: TOX

Route: Dosing in Feed

Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain

Test Compound: Tris (chloropropyl) phosphate

CAS Number: 13674-84-5

Date Report Requested: 02/24/2023

Time Report Requested: 14:13:50

Lab: Burleson Research Technologies

F1 Males: SXXX

Treatment Groups (ppm)

Phase	Days	0		2500		5000		10000		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	42.1 ± 1.3 **	12	40.4 ± 1.2	12	42.0 ± 1.0	12	35.9 ± 1.2 **	12	NA	
	7 - 14	48.1 ± 1.0	12	44.3 ± 2.0	12	49.3 ± 0.9	12	42.5 ± 1.3 *	12	NA	
	14 - 21	48.8 ± 1.4 **	12	48.9 ± 1.6	12	45.6 ± 1.0	12	43.1 ± 0.7 **	12	NA	
	21 - 28	45.2 ± 1.0	12	45.7 ± 1.1	12	45.3 ± 1.6	12	43.2 ± 1.2	12	NA	
	28 - 35	29.3 ± 1.8	12	27.0 ± 1.3	12	30.3 ± 1.7	12	28.3 ± 3.7	12	NA	
	35 - 42	21.4 ± 1.2	12	20.8 ± 2.2	12	24.4 ± 1.4	12	23.2 ± 3.8	12	NA	
	42 - 49	17.8 ± 1.1	12	17.3 ± 1.1	12	20.1 ± 1.4	12	17.2 ± 1.1	12	NA	
	49 - 56	16.6 ± 1.2	12	14.6 ± 1.5	12	15.1 ± 1.3	12	17.4 ± 1.3	12	NA	
	56 - 63	15.8 ± 1.1	12	15.8 ± 2.1	12	10.7 ± 1.4 *	12	13.5 ± 0.9	12	NA	
	63 - 70	9.8 ± 1.3	12	10.5 ± 1.6	12	9.6 ± 1.7	12	10.3 ± 1.1	12	NA	
	70 - 77	10.0 ± 1.2	12	11.8 ± 1.3	12	9.5 ± 2.1	12	10.8 ± 1.6	12	NA	
	77 - 84	8.0 ± 1.6	12	5.0 ± 0.9	12	3.3 ± 1.8	12	4.7 ± 1.2	12	NA	
84 - 91	12.2 ± 1.2	12	9.2 ± 0.8	12	8.6 ± 1.8	12	9.8 ± 1.3	12	15.8 ± 1.8	8	

Study Number: I20263

Test Type: TOX

Route: Dosing in Feed

Species/Strain: Rat/Harlan Sprague Dawley

I04G: Mean Body Weight Gain

Test Compound: Tris (chloropropyl) phosphate

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Lab: Burleson Research Technologies

F1 Females: SXXX

Treatment Groups (ppm)

Phase	Days	0		2500		5000		10000		15 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	28.2 ± 1.1	12	29.1 ± 1.0	12	29.6 ± 0.9	12	28.9 ± 1.0	12	NA	
	7 - 14	31.3 ± 1.4	12	22.1 ± 2.3 **	12	26.1 ± 0.8	12	28.9 ± 1.6	12	NA	
	14 - 21	21.3 ± 1.6	12	25.7 ± 1.8	12	20.3 ± 0.6	12	19.9 ± 1.7	12	NA	
	21 - 28	18.3 ± 1.1	12	19.0 ± 1.0	12	18.5 ± 0.9	12	20.0 ± 1.8	12	NA	
	28 - 35	10.3 ± 1.5	12	9.7 ± 1.1	12	9.9 ± 1.1	12	9.3 ± 1.1	12	NA	
	35 - 42	11.9 ± 1.5	12	9.3 ± 1.0	12	9.7 ± 1.0	12	9.4 ± 1.1	12	NA	
	42 - 49	9.7 ± 1.2	12	9.6 ± 1.3	12	5.4 ± 0.9 *	12	8.3 ± 1.1	12	NA	
	49 - 56	7.5 ± 1.8	12	5.3 ± 1.1	12	8.2 ± 1.0	12	5.3 ± 1.0	12	NA	
	56 - 63	7.3 ± 1.4	12	5.5 ± 0.7	12	2.6 ± 1.3 *	12	7.1 ± 1.0	12	NA	
	63 - 70	2.6 ± 1.4	12	5.3 ± 1.3	12	3.8 ± 0.8	12	2.6 ± 1.3	12	NA	
	70 - 77	5.7 ± 1.5	12	5.7 ± 1.3	12	3.8 ± 1.1	12	3.9 ± 1.1	12	NA	
	77 - 84	5.1 ± 0.8 **	12	2.1 ± 1.3	12	0.0 ± 1.0 **	12	0.9 ± 1.3 **	12	NA	
	84 - 91	1.7 ± 1.1	12	1.8 ± 1.0	12	5.8 ± 1.3 *	12	3.3 ± 1.1	12	2.9 ± 1.9	8

**Study Number:** I20263

**Test Type:** TOX

**Route:** Dosing in Feed

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

**I04G: Mean Body Weight Gain**

**Test Compound:** Tris (chloropropyl) phosphate

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**Lab:** Burleson Research Technologies

#### LEGEND

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Data are displayed as mean  $\pm$  SEM

SD – Study Day

Statistical analysis of weight data performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

Statistical analysis for the positive control group compared to the vehicle control group was performed using the t-Test.

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  $P \leq 0.01$

SXXX – General toxicity endpoints only are reported for this cohort. No immune function data reported due to study quality.

CPS = Cyclophosphamide

NA - Not Available

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