

**Study Number:** I10577

**Test Type:** TOX

**Route:** Oral Gavage

**Species/Strain:** Mouse/B6C3F1/N

**Study Number:**

**Study Gender:**

**PWG Approval Date:**

**Version:**

**Stat Version:**

**I04G: Mean Body Weight Gain**

**Test Compound:** Pyrene

**CAS Number:** 129-00-0

I10577

Female

See web page for date of PWG Approval

v1.4.4

v2.9.1A

**Date Report Requested:** 03/15/2023

**Time Report Requested:** 11:17:00

**Lab:** BRT with ILS

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Lab: BRT with ILS

Females: Immunopath

Treatment Groups (mg/kg)

Phase	Days	0		3.1		6.3		12.5		25		50	
		Wt Gain (g)	N										
SD	0 - 7	-0.1 ± 0.2	8	0.3 ± 0.1	8	0.4 ± 0.3	8	0.3 ± 0.2	8	0.1 ± 0.2	8	0.4 ± 0.2	8
	7 - 14	0.3 ± 0.1	8	0.5 ± 0.1	8	0.2 ± 0.2	8	0.5 ± 0.2	8	0.3 ± 0.2	8	0.9 ± 0.2	8
	14 - 21	0.8 ± 0.1	8	0.3 ± 0.2	8	1.1 ± 0.2	8	1.3 ± 0.2	8	0.9 ± 0.2	8	0.4 ± 0.3	8
	21 - 28	0.9 ± 0.3	8	1.2 ± 0.2	8	0.8 ± 0.2	8	0.8 ± 0.3	8	1.1 ± 0.3	8	1.1 ± 0.4	8
	0 - 28	2.0 ± 0.4	8	2.4 ± 0.3	8	2.6 ± 0.4	8	2.9 ± 0.6	8	2.3 ± 0.2	8	2.8 ± 0.7	8

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Phase	Days	Treatment Groups (mg/kg)					
		100		200		10 mg/kg B(a)P	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 7	0.2 ± 0.2	8	0.1 ± 0.2	8	-0.1 ± 0.2	8
	7 - 14	0.6 ± 0.3	8	0.6 ± 0.2	8	1.0 ± 0.2 *	8
	14 - 21	0.9 ± 0.2	8	0.6 ± 0.2	8	1.0 ± 0.3	8
	21 - 28	0.9 ± 0.2	8	0.8 ± 0.2	8	0.8 ± 0.4	8
	0 - 28	2.5 ± 0.6	8	2.0 ± 0.6	8	2.7 ± 0.8	8

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#### 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  $P \leq 0.01$

B(a)P = Benzo(a)pyrene

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