(2)

IBT No.: P7297

Client: Monsanto

Test Materials: (A) Aroclor 1242 (B) Aroclor 1254 (C) Aroclor 1260

Dietary Levels: 1, 10 and 100 ppm

Status of Study: F1 animals are starting to be mated. Sacrifice of Fo parental animals 1/14/70.

Body Weights: Fo - Body weights are normal

Food Consumption: No differences

Mortality and Reactions: One control female - F1a parturition
One 1242 - 100 ppm male - pre-mating
One 1254 - 1 ppm female - post-weaning
One 1254 - 10 ppm female - F1b gestation
No other deaths, and no reactions observed.

Pathology: None

Comments: Survival of pups (at weaning), in the second and third litters from females fed Aroclor 1254 at 100 ppm appears to be low. The lactation index of pups in the second litter from females fed Aroclor 1242 at 100 ppm appears to be slightly low.

Saving progeny from each group for tissue analysis. The pups are sacrificed and frozen at Day 10-12.

The animals receiving 1254 at 100 ppm were mated for a third time, because of the poor survival noted among the progeny from this group.

DSW 034210

db
January 15, 1970

		Live Birth Index	Survival Indices 24 hr.	Survival Indices 5 day	Lactation Index
Control	F1a	92.7	88.5	42.4	93.9
	F1b	93.2	98.9	65.7	64.1
A-I	F1a	94.6	98.3	59.2	97.8
	F1b	92.8	97.2	82.2	71.7
A-II	F1a	98.3	98.3	76.9	91.5
	F1b	98.1	99.5	80.3	79.1
A-III	F1a	92.9	95.5	85.3	77.9
	F1b	98.5	98.0	66.5	53.2
B-I	F1a	99.5	97.8	88.7	93.1
	F1b	97.6	98.0	91.6	78.8
B-II	F1a	90.8	96.6	77.0	83.7
	F1b	90.1	91.9	86.7	85.5
B-III	F1a	100.0	94.6	58.7	69.6
	F1b	93.3	97.4	72.4	25.7
	F1c	91.4	95.8	59.4	41.5
C-I	F1a	97.1	97.5	76.7	93.0
	F1b	91.9	100.0	82.9	60.2
C-II	F1a	99.5	98.4	96.2	95.9
	F1b	98.1	99.5	97.1	87.7
C-III	F1a	98.8	91.2	67.8	90.2
	F1b	85.6	94.2	69.3	75.6

DSW 034211