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HASKELL LABORATORY REPORT NO. 323-82 [REDACTED]

<u>Material Tested</u>	<u>Haskell No.</u>	<u>Other Codes</u>
Octanoic acid, pentadecafluoro-, ammonium salt*	12,037	[REDACTED]

Study Initiated/Completed
2/11/82 - 3/4/82

Material Submitted by
[REDACTED]
CR&D Department
Haskell Laboratory

MOUSE FEEDING STUDY - 21 DAYS

Summary: [REDACTED] was fed to male and female Crl®:CD-1 mice at 8 dose levels (from 0.01 ppm to 30 ppm) for 21 consecutive** days.

Livers were significantly heavier at 30 ppm, slightly heavier at 3 ppm and appeared normal at 10 ppm in male and female mice. No changes in liver weight were seen at feeding levels of 1 ppm or lower and the significance of the change observed at 3 ppm, in light of no differences at 10 ppm, is questionable.

The only clinical sign observed was sporadic weight loss.

Procedure: Forty-five male and 45 female albino Crl®:CD-1 mice (ages 41 and 42 days, weighing 21-33 g) were grouped by body weight, 5 animals per group, by computerized randomization. The mice were housed individually and fed [REDACTED] (suspended in 1% corn oil before being mixed in ground Purina Lab Chow®) for 21 consecutive days at dose levels of either 30, 10, 3, 1, 0.3, 0.1, 0.03 or 0.01 ppm. An additional group of male and female mice served as controls and received ground Purina Lab Chow® only. Individual body weights were recorded weekly, clinical signs daily and liver weights at the 21-day sacrifice.

Results:

Male Mice

<u>Dose Level</u> <u>ppm</u>	<u>Body</u> <u>Wt(g)</u> <u>1 Week</u>	<u>Body</u> <u>Wt(g)</u> <u>2 Weeks</u>	<u>Body</u> <u>Wt(g)</u> <u>3 Weeks</u>	<u>Average</u> <u>liver</u> <u>Weights (g)</u>	<u>Average Liver wt./</u> <u>Body Wt. Ratio</u> <u>(g/100 g body wt.)</u>
0	30	32	33	1.82	5.4
30	32	34	33	4.61***	13.9***
10	30	32	33	1.87	5.6
3	31	34	34	2.45	7.1
1	31	32	33	1.89	5.8
0.3	32	34	34	1.83	5.3
0.1	32	34	35	1.82	5.2
0.03	30	33	33	1.91	5.9
0.01	33	35	36	2.07	5.8

Female Mice

<u>Dose Level</u> <u>ppm</u>	<u>Body</u> <u>Wt(g)</u> <u>1 Week</u>	<u>Body</u> <u>Wt(g)</u> <u>2 Weeks</u>	<u>Body</u> <u>Wt(g)</u> <u>3 Weeks</u>	<u>Average</u> <u>liver</u> <u>Weights (g)</u>	<u>Average Liver wt./</u> <u>Body Wt. Ratio</u> <u>(g/100 g body wt.)</u>
0	24	26	27	1.40	5.2
30	26	27	26	3.44***	13.3***
10	23	25	26	1.34	5.1
3	26	26	28	1.85***	6.7***
1	25	26	28	1.46	5.3
0.3	24	26	27	1.37	5.0
0.1	26	26	27	1.20	4.4
0.03	24	25	27	1.37	5.0
0.01	25	26	26	1.19	4.5

* Purity: [REDACTED]

Contaminants: [REDACTED]

Synonyms: [REDACTED]

CAS Registry No.: [REDACTED]

** Mice were mistakenly fed ground chow (without compound) for 2 days.

*** Statistically different than controls, $p < 0.05$ by Dunnett test and LSD.

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