

AR226-0443

Interoffice Correspondence



Subject: FC - 143

Rat Toxicity Study

Request A67821

March 31, 1978

cc: H.E. Freier 201-1S
J.D. Lazerte 236-1
B.W. Nippoldt 201-1S
R.A. Prokop 236-3B
F.A. Ubel 220-2E
D.G. Weiblen 201-1S

TO: J. E. LONG 220-2E

FROM: JON BELISLE 201-1S

Livers from the rats surviving the IRDC 90-day sub-acute rat toxicity study (reference 137-089) were received for analysis of FC-143.

<u>RAT</u>	<u>DOSE (ppm)</u>	<u>143 in liver ug</u>	<u>143 in liver ppm</u>
Male (73574)	30	96	8 ^①
Male (73593)	300	275	22
Female (73579)	30	0.7	0.1 ^①
Female (73598)	300	1.6	0.3

^① estimated, rat liver not weighed

DISCUSSION

The analysis was done on an individual whole rat liver.

The results between male and female would be astonishing if it were not for the fact that the serum had been previously analyzed and reported to you (3-20-78).

More samples could be analyzed if necessary but the above values are reasonably consistent with the serum values; the male rat accumulates approximately 100 times more FC-143 than the female rat.


Jon Belisle

JB/jb

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