

Industrial BIO-TEST *Laboratories, Inc.*

1810 FRONTAGE ROAD
NORTHBROOK, ILLINOIS 60062

REPORT TO

MONSANTO COMPANY

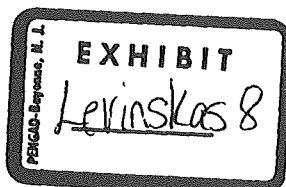
TWO - YEAR CHRONIC ORAL TOXICITY
STUDY WITH
AOCLOL 1260
IN ALBINO RATS

HISTOPATHOLOGICAL EVALUATION
OF ADDITIONAL LIVER SECTIONS

MARCH 24, 1975

IBT NO. 641 - 06672

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BT 6-71-69



DSW 036626

HARTOLDMON0015610

Industrial BIO-TEST Laboratories, Inc.

1810 FRONTAGE ROAD

NORTHBROOK, ILLINOIS 60062

March 24, 1975

George J. Levinskas, Ph.D.
Monsanto Company
900 N. Lindbergh Blvd.
St. Louis, Missouri 63166

Dear Dr. Levinskas:

Re: IBT No. 641-06672 - Histopathological Evaluation of Additional
Liver Sections From Rats of a Two - Year Chronic Oral Toxicity
Study of Aroclor 1260.

We are submitting herewith our laboratory report dated March 24,
1975; prepared in connection with the above study.

Very truly yours,

J. C. Calandra

J. C. Calandra
President

DSW 036627

HARTOLDMON0015611

REPORT TO
MONSANTO COMPANY
TWO - YEAR CHRONIC ORAL TOXICITY
STUDY WITH AROCLOR 1260
IN ALBINO RATS
HISTOPATHOLOGICAL EVALUATION
OF ADDITIONAL LIVER SECTIONS

MARCH 24, 1975

IBT NO. 641 - 06672

I. Introduction

At the request of Dr. Levinskas of the Monsanto Company, additional sections of liver from a two - year chronic oral toxicity study of Aroclor 1260 in rats (IBT No. 622-07298) were processed into H & E stained sections and evaluated by light microscopy. The following report presents the results of this study.

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II. Summary

In most instances, the treatment-related histopathological findings in the liver from this re-evaluation did not differ significantly from that previously reported in our original report dated November 12, 1971. However, there were three benign liver tumors detected among three of the animals at the highest treatment level (100 ppm) of the 24-Month Sacrifice which were not previously reported. The other treatment-related lesions reported are regarded as degenerative or hyperplastic in nature and they are morphologic manifestations of an adaptive response of the liver associated with biotransformation of the test material. In general, the latter findings were confined primarily to test animals of the final sacrifice and they were dose-related in incidence and severity.

In conclusion, Aroclor 1260 appears to be slightly tumorigenic at levels of 100 ppm when fed continuously in the diet for two years.

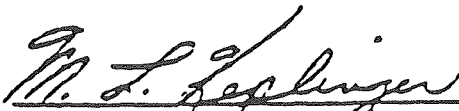
Respectfully submitted,

INDUSTRIAL BIO-TEST LABORATORIES, INC.

Report Prepared and Reviewed by:


D. E. Gordon, D. V. M., Ph. D.
Section Head, Pathology

Report Approved by:


M. L. Keplinger, Ph. D.
Manager, Toxicology

GSW 030029