

REPORT FILE

Industrial BIO-TEST Laboratories, Inc.
1810 FRONTAGE ROAD
NORTHBROOK, ILLINOIS 60062

REPORT TO

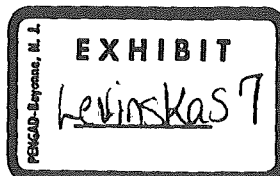
IBT RESEARCH

TOXICITY AND REPRODUCTION STUDY WITH
AROCOR 1242 C 793363
IN WHITE LEGHORN CHICKENS

JUNE 7, 1973

IBT NO. J1291

BTL-73-70 ✓



DSW 036367

HARTOLDMON0015606

Industrial BIO-TEST Laboratories, Inc.

1810 FRONTAGE ROAD
NORTHBROOK, ILLINOIS 60062

June 7, 1973

Mr. Elmer P. Wheeler
Monsanto Company
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166

Dear Mr. Wheeler:

Re: IBT No. J1291 - Toxicity and Reproduction Study
with Aroclor 1242 in White Leghorn Chickens

We are submitting herewith our laboratory report dated
June 7, 1973, prepared in connection with the above study.

Very truly yours,



J. C. Calandra
President

JCC/kjl

OSW 036368

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REPORT TO
IBT RESEARCH
TOXICITY AND REPRODUCTION STUDY WITH
AROCOR 1242
IN WHITE LEGHORN CHICKENS

JUNE 7, 1973

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I. Introduction

A toxicity and reproduction study with Aroclor 1242 in white Leghorn chickens was initiated. This report presents the results of the investigation conducted at Wedge's Creek Research Farm, Industrial BIO-TEST Laboratories, Inc.

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II. Summary

A toxicity and reproduction study was conducted in white Leghorn chickens fed Aroclor 1242 at dietary levels of 1.0, 3.0, and 10.0 ppm. The results of this study were as follows:

A. Toxicity Phase

No effects upon weight gain, food consumption, survival, egg production, egg weight, egg shell thickness or egg specific gravity were observed.

A slight increase in the number of defective eggs and a severe decrease in the hatchability of eggs were recorded for the group fed 10 ppm. Data obtained from the 1 and 3 ppm groups were essentially normal.

A gross pathological examination of all chickens revealed no significant abnormalities.

B. Reproduction Phase

Chick survival was not influenced by the ingestion of Aroclor 1242.

A slight decrease in chick weight gain was recorded for the 10 ppm group. Weight gain for the 1 and 3 ppm groups was considered normal.

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