

MEMORANDUM

NOTE DE SERVICE

266AA

TO
A

Dr. C.T. Miller
Coordinator
Task Force for Reassessment
of Chemical Safety

FROM
DE

Dr. H.M. Cunningham
Toxicologist

SECURITY - CLASSIFICATION - DE SECURITE

002536

OUR FILE - N / REFERENCE

YOUR FILE -- V / REFERENCE

DATE

May 4, 1981

(Revised)

SUBJECT
OBJET

Audit and Validation of "90-day Subacute Oral Toxicity Study with CGA 15324
Technical in Beagle Dogs". (Revision of report of May 16, 1979 to Mr. D.J. Clegg)

NAME OF LABORATORY:

Report No.:

Report Date:

Industrial Biotest

611-05122-B

March 17, 1975

COMMON NAME OF COMPOUND:

Profenofos

OTHER NAMES:

CGA 15324, Selecron

PETITIONER:

Ciba Geigy

TYPE OF STUDY:

90-day oral

SPECIES:

Beagle dog

FILE UNDER:

Profenofos

RECOMMENDATION:

Valid

OVERALL COMMENTS: The validation of this report indicates that it is supported by the raw data in showing that plasma cholinesterase activity was depressed at all three dietary levels, erythrocyte cholinesterase depressed at 20 and 200 ppm and brain cholinesterase depressed in 2 males and 2 females fed 200 ppm. After 4-week recovery period erythrocyte cholinesterase in 2 dogs remained depressed but brain and plasma activity were normal. The raw data did not agree with the final report in that the SGPT in males at 90 days in T-III was significantly higher ($P < 0.01$) than controls. There was a great deal of inaccurate data in this report but though most of it only tended to improve the appearance, it did detract from the scientific acceptability. Considering this, it was felt that the remainder of the report was supported by the raw data.

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