

D. P. Roman - N3B

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Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

September 3, 1981

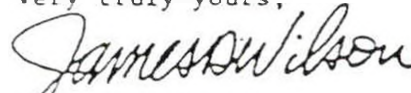
Dr. C. E. Mendoza
Task Force for Reassessment of
Chemical Safety
Dept. of Health and Welfare
Health Protection Branch
Ottawa, Ontario
Canada K1A0L2

Dear Dr. Mendoza:

Santophen®-1 (Monsanto o-benzyl-p-chlorophenol) has been analyzed for 2,3,7,8-tetrachlorodibenzodioxin by an analytical method capable of detecting 0.5×10^{-9} gm TCDD/gm Santophen-1; none has been detected.

Approximately twenty lots of material produced in 1979 and 1980 were examined. The analytical method used liquid chromatographic separation with U.V. detection, and was essentially similar to that described by Nestrick, et.al., (Anal. Chem., 1979, 51, 2272). This method is capable of conclusively indicating the absence of 2,3,7,8-TCDD (above the detection limit) but it does not resolve this compound from seven isomers. No lot of Santophen-1 produced by Monsanto's current manufacturing process examined to date has shown evidence for the presence of 2,3,7,8-tetrachlorodibenzodioxin.

Very truly yours,



James D. Wilson
Manager, Research & Development

JDW/bh

cc - Mr. Keith MacMillan
100 Argyle Ave.
Ottawa, Ontario