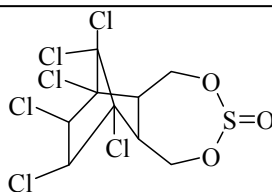


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0089 Endosulfan

Allocated to D

CIPAC methods published in :

CIPAC 1, p. 360 (IR)
1C, p. 2110 (GC)

CIPAC 10th meeting, June 1966 in France

Prof. Zeumer reported that they had worked out a satisfactory method (842m) which was suitable for dusts, wettable powders, and emulsifiable concentrates. It was possible to determine the alpha and beta isomers by column chromatography and correlate them with infra red or total chlorine determinations. The standard deviation is only about 13% of the absolute value. He proposed that international collaborative work should be undertaken. Dr. Prat asked whether Prof. Zeumer had tried the polarographic method: he had not. It was agreed that Prof. Zeumer would collaborate with Dr. Prat and Dr. Povlsen in development of the method.

CIPAC 11th meeting, June 1967 in London

Prof. Zeumer said that unfortunately there was an error in the English version of the method. The Chairman (Dr. Prat) said he had not yet completed his analysis, but he would do so. Collaborative work would continue.

CIPAC 12th meeting, June 1968 in Braunschweig

Decision It was agreed to make 842m a provisional CIPAC method.

CIPAC 15th meeting, October 1971 in Washington

Decision Method 1644 was accepted as provisional CIPAC method. Method 842 (in CIPAC Handbook Vol. 1) was accepted as provisional referee method for the isomers (in relationship with the FAO specifications).

CIPAC 17th meeting, June 1973 in Wageningen

Methods for determining impurities to be considered by Dr. Weinmann.

CIPAC 18th meeting, June 1974 in London

Work on impurities by GLC method is completed. Methods will be sent within the next week.

CIPAC 20th meeting, June 1976 in Wädenswil

AOAC plans study with GLC method.

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CIPAC 21st meeting, June 1977 in Braunschweig

AOAC is about to do a GLC coll study. Inf. Sheet can be sent.

CIPAC 24th meeting, May 1980 in Salobrena

Dr. Abhauer presented the results of a collaborative study at the symposium.

Decision The GLC method for endosulfan technical and formulations, presented at the CIPACsymposium 1980, was adopted as full CIPAC method. The existing IR method will be maintained, however not as referee method.