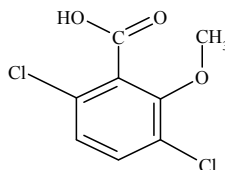


CIPAC STATUS REPORT

28/06/2005



0085 Dicamba

Allocated to NL AOAC

CIPAC methods published in :

CIPAC 1A, p. 1204 (IR)
K, p. 32 (HPLC)

CIPAC 12th meeting, June 1968 in Braunschweig

No CIPAC method. Dr Martijn said that Mr Malina had started a panel to investigate an infrared method. However, he was not able to take part in that work because of the lack of the necessary equipment (BaF₂ cells). Some work had been done with GLC. There were found difficulties in the separation of impurities.

CIPAC 13th meeting, June 1969 in Oeiras

Dr Martijn reported that the AOAC (official first action) IR method for technical dicamba and aqueous solutions of the dimethylamine salts could also be accepted as CIPAC method. No progress was made with the development of a GLC method which could be of use for the determination of dicamba in complex herbicide mixtures.

CIPAC 14th meeting, June 1970 in Gembloux

Decision The AOAC IR method will be adopted as AOACCIPAC method if BaF₂ cells are easily available outside USA.

CIPAC 15th meeting, October 1971 in Washington

Mr Malina had carried out collaborative work on IR method for mixed formulations dicamba MCPA and dicamba 2,4D. Dr Martijn suggested to adopt these methods as provisional AOACCIPAC methods, in relationship to AOAC official first action.

Decision The IR method for mixed formulations dicamba MCPA and dicamba 2,4D will be considered at the next meeting, when the report shall be available (see paper from Mr Malina JAOAC 54 (3), 706, 1971). The methods are described in JAOAC 54 (2), 451, 1971 (CIPAC No 1784).

CIPAC 16th meeting, June 1972 in Stockholm

Mr Malina, Expert Witness, presented the document 1835.r.m. describing the methods adopted by AOAC and supported by reports JAOAC 51, 1301, 1968, and JAOAC 54, 706, 1971.

Decision The AOAC methods for dicamba technical and DMA salt and for the mixed formulations of dicamba with 2,4D or MCPA were adopted as AOACCIPAC methods.

CIPAC 18th meeting, June 1974 in London

Decision Methods for mixtures with 2,4D and MCPA to be published in 1A.

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CIPAC 20th meeting, June 1976 in Wädenswil

Decision The provisional method 6.A1519 (JAOAC 54, 4512, 1971) for the mixed formulations of dicamba with 2,4D or MCPA were adopted as full AOACCIPAC methods (see also 2095/M and 2096/M).

CIPAC 24th meeting, May 1980 in Salobrena

New work has been started by AOAC with a HPLC method.

CIPAC 44th meeting, June 2000 in Granada

Mr Fenkart presented the results of a CIPAC collaborative study, CIPAC/4178, with a HPLC method. 2 TC, 2 SL and 1 WG had been in the test. On a respective question Mr Fenkart confirmed that there had not been observed any esterification caused by the methanolic solution.

Decision The HPLC method for dicamba technical and formulations (SL, WG), CIPAC/4177 has been accepted as provisional CIPAC method.

CIPAC 45th meeting, June 2001 in Bangkok

Decision The HPLC method for dicamba technical and formulations (SL, WG), CIPAC/4177, has been accepted as full CIPAC method.