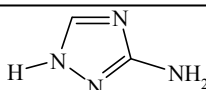


# CIPAC STATUS REPORT

28/06/2005



## 0090 Amitrole

---

Allocated to D

CIPAC methods published in :

CIPAC 1B, p. 1720 (argentometric and potentiometric)  
CIPAC J, p. 4 (HPLC)

**CIPAC** 11th meeting, June 1967 in London

Some collaborative work had been done with a AOAC method.

**CIPAC** 12th meeting, June 1968 in Braunschweig

No progress was reported.

AOAC had adopted a first action method (JAOAC 1967,50, 193). Dr. Povlsen said that he preferred the colorimetric method since it was more specific than the argentometric method. Dr. Martijn remembered that another method had been published that was based on measurement in the UV after an ionic exchange clean up procedure (Analyst 21, 468, 1966). USA, Germany Scandinavia, Belgium and Spain agreed to take part in the work with the USA making available the samples.

**CIPAC** 13th meeting, June 1969 in Oeiras

Decision As the BISHOP method is strongly criticized by some CIPAC members it seems necessary to study alternative methods (1507/1508). As no collaborative work has been carried out in CIPAC, agreement is to be reached with AOAC for determining the best way for doing so.

**CIPAC** 14th meeting, June 1970 in Gembloux

Decision The Committee recommends that it is urgent to initiate work comparing both the AOAC and the 1508 methods.

**CIPAC** 15th meeting, October 1971 in Washington

Decision Collaborative work to be carried out by Germany on the method 1508. Mixtures to be included.

**CIPAC** 16th meeting, June 1972 in Stockholm

Dr. Weinmann reported that he has only received one single answer to the Information Sheet No 33 sent out on the 16th March 1972. Dr. Caswell agreed to ask AOAC to take part in the work. Dr. Barrette agreed also to take part in the work.

**CIPAC** 17th meeting, June 1973 in Wageningen

Dr. Weinmann reported that he had proposed, some years ago, the method 1508 and that an Information Sheet has been sent on the 16th March 1972. But only two laboratories were interested and no samples of other origin came in.

The AOAC method (by titration) is not very suitable. The method 1508 is more advantageous, especially in the case of mixtures.

Decision Information Sheet to be sent urgently.

# CIPAC STATUS REPORT

28/06/2005

**CIPAC** 18th meeting, June 1974 in London

Collaborative work in progress in four laboratories; samples sent in May 1974.

**CIPAC** 19th meeting, June 1975 in Oeiras

A report was received by Dr. Weinmann. The results of collaborative study (2288) however were inconclusive.

Decision The AOAC titrimetric method was accepted as provisional CIPAC method.

**CIPAC** 20th meeting, June 1976 in Wädenswil

Dr Beckmann reported to WDC the colorimetric diazotation method (CIPAC m/2433) which he would send.

Decision The argentometric method, CIPAC (M)/1508, was adopted as provisional CIPAC method. It could be used in the presence of 22. simazine or 76. linuron.

**CIPAC** 32nd meeting, June 1988 in Geneva

Mr Sanchez drew attention to the HPLC method mentioned in the Spanish Progress report (CIPAC/3439).

**CIPAC** 41st meeting, June 1997 in Roskilde

A report on a small scale study, CIPAC/3968, on a HPLC method, CIPAC/3967, was introduced by Mr Pertuisot. Two different TC's, one SL (+ NH<sub>4</sub>SCN), one WP (+ diuron) and one SC (+ terbuthylazine) had been tested by 8 laboratories. Some problems with sampling of the SC have to be solved. A full CIPAC study will be initiated.

**CIPAC** 42nd meeting, July 1998 in York

The report of a CIPAC study, CIPAC/4026, on a HPLC method, CIPAC/4025, was presented by Mr Pertuisot. Two different TC's, one SL (+ NH<sub>4</sub>SCN), one WP (+ diuron) and one SC (+ terbuthylazine) had been tested by 24 laboratories, the results from 23 laboratories had been evaluated, one had to be excluded because of using a non-appropriate column. Formulations containing amitrole only are available but of no major commercial importance. The chromatograms should be added to the method.

Decision The HPLC method for amitrole technical and formulations, CIPAC/4025, has been accepted as provisional CIPAC method.

**CIPAC** 43rd meeting, June 1999 in Budapest

Decision The provisional HPLC method for amitrole technical and formulations (SL, WP, SC), CIPAC/4025, has been accepted as full CIPAC method.