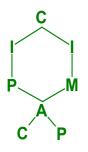


COLLABORATIVE INTERNATIONAL PESTICIDES ANALYTICAL COUNCIL LIMITED

Commission Internationale des Méthodes d'Analyse des Pesticides (CIMAP)

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CIPAC INFORMATION SHEET No. 354

January 2025

495 Abamectin

Dear Colleague,

This is to inform you that Chinese Pesticide Analytical Committee (CHIPAC) is planning to organize a full scale collaborative trial on a method for abamectin developed by Hebei Xingbai Agricultural Technology Co., Ltd.

Principle: The content of abamectin in technical material and formulations is determined by high performance liquid chromatography on reversed phase column (C18, $250 \times 4.6 \text{ mm}$ (i.d), $5.0 \mu \text{m}$), with UV detection at 245 nm and mobile phase composed of methanol/acetonitrile/water. Quantitation is done by external standardization.

Scope: It is intended to analyse eight samples consisting of two technical materials (TC), three emulsifiable concentrates (EC) and three emulsions, oil in water (EW). Samples and analytical standard will be provided.

Time schedule: The collaborative trial is intended to be carried out between February 2025 and March 2025. Those who wish to participate should contact the organiser by February 1st, 2025. The results should be reported by the end of March 2025.

Note: The trial is limited to 18 participating laboratories due to the availability of samples. The selection is based on the application order.

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