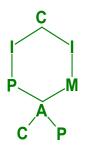


## COLLABORATIVE INTERNATIONAL PESTICIDES ANALYTICAL COUNCIL LIMITED

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 1<sup>st</sup>, 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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