

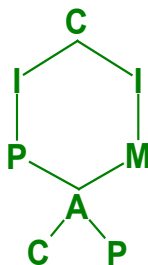
CIPAC

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

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CIPAC INFORMATION SHEET No. 362

March 2026

791.412 emamectin benzoate

Dear Colleague,

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

Principle: The content of emamectin and benzoic acid in the technical material is determined by high performance liquid chromatography on a 250 ×4.6 mm (i.d), 5.0 µm reversed phase column (C18), with mobile phase composed of methanol: acetonitrile: ammonia solution, (25:55:20 v/v/v) and methanol: 0.2% glacial acetic acid in water (65: 35 v/v) respectively and UV detection at 245 nm. Quantitation is done by external standardization.

Scope: It is intended to analyse 3 samples of technical materials (TC). Samples and analytical standard will be provided.

Time schedule: The collaborative trial is intended to be carried out between March 2026 and May 2026. Those who wish to participate should contact the organiser by 20th March. The results should be reported by May 15th 2026.

Note: The trial is limited to 15 participating laboratories due to the availability of samples. The selection is based on the application order.

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Yours sincerely,

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