

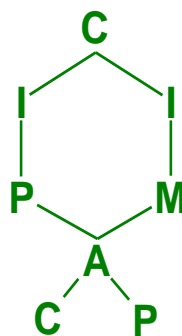
CIPAC

COLLABORATIVE INTERNATIONAL PESTICIDES ANALYTICAL COUNCIL LIMITED

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

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CIPAC INFORMATION SHEET No. 334

Your Ref:
Our Ref: LB
February 2022

333 deltamethrin + 570 chlorfenapyr

Dear Colleague,

This is to inform you that the Walloon Agricultural Research Centre (CRA-W) is planning to organise a full scale collaborative trial on a method for deltamethrin + chlorfenapyr.

Principle: The content of deltamethrin and chlorfenapyr in the formulations is determined by normal phase HPLC on a 150 x 3 mm (i.d.), 3 µm CN phase column, (or equivalent with the same selectivity), with mobile phase composed of *n*-heptane and *iso*-propanol (98:2, v/v) and UV detection at 230 nm. Samples are extracted with *n*-heptane and quantitation is done by internal standard calibration.

Scope: It is intended to analyse 7 samples consisting of two deltamethrin technical materials (TC), two chlorfenapyr technical materials (TC) and three deltamethrin + chlorfenapyr long-lasting (coated onto polyester) insecticidal nets (LN) or insecticide treated nets (ITN). Samples and analytical standards of deltamethrin and chlorfenapyr as well as the internal standard (dicyclohexyl phthalate) will be supplied.

Time schedule: The collaborative trial is intended to be carried out between April 2022 – May 2022 (shipment in March 2022). Those who wish to participate should contact the organiser by 15th March 2022. The results should be reported by 31st May, 2022.

Note: The trial is limited to 17 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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