## **CIPAC**

## COLLABORATIVE INTERNATIONAL PESTICIDES ANALYTICAL COUNCIL LIMITED

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

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## CIPAC INFORMATION SHEET No. 306

Your Ref: Our Ref: LB 4 July 2016

## 989 d-tetramethrin

Dear Colleague,

This is to inform you that Jiangsu Yangnong Chemical. Co., Ltd is planning to organise a full scale collaborative trial on two methods for d-tetramethrin.

**Principle**: The content of d-tetramethrin is determined by capillary gas chromatography (column with high polarity stationary phase: (50%-trifluoropropyl)-methylpolysiloxane, e.g. DB-210, or equivalent, 30 m x 0.25 mm (i.d.), 0.25 µm film thickness), helium carrier gas, flame ionisation detection and bis(2-ethylhexyl) phthalate as internal standard. The isomer ratio is determined by normal phase high performance liquid chromatography on a 250 x 4.6 mm (i.d.), 5 µm CHIRALCEL® AY-H column with mobile phase composed of heptane/ethanol/diethylamine and UV detection at 230 nm.

Scope: It is intended to analyse five technical materials. Samples and d-tetramethrin analytical standard will be supplied.

**Time schedule:** The collaborative trial is intended to be carried out during September 2016- February 2017 (shipment in September 2016). Those who wish to participate should contact the organiser by 15 August 2016. The results should be reported by the end of February 2017.

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Yours sincerely

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