matrine

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 matrine, developed by CHENGDU NEWSUN CROP SCIENCE CO., Ltd.

**Principle:** The content of matrine in the formulations is determined by reversed phase HPLC on a 150 x 4.6 mm (i.d.), 5 μm C18 column (InertSustain C18 or equivalent with the same selectivity), with mobile phase composed of acetonitrile/water (0.02% ammonium acetate + 0.02% triethylamine) (23/77 v/v) and UV detection at 215 nm. Quantitation is done by external standardization.

**Scope:** It is intended to analyse 5 samples consisting of two technical concentrates (TK) and three soluble liquid formulations (SL). Samples and analytical standard will be provided.

**Time schedule:** The collaborative trial is intended to be carried out between March 2022 – April 2022. Those who wish to participate should contact the organiser by 25th Feb. 2022. The results should be reported by the end of April, 2022.

**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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Yours sincerely,

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