CIPAC

COLLABORATIVE INTERNATIONAL PESTICIDES ANALYTICAL COUNCIL LIMITED

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

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CIPAC INFORMATION SHEET No. 355

May 2025

887 Octanoic acid

Dear Colleague,

This is to inform you that Valent BioSciences LLC. is planning to organise a full-scale collaborative trial on a method for octanoic acid.

Principle: The content of octanoic acid in the technical material is determined by high performance liquid chromatography on a reversed phase column (MAC-MOD ACE 3 C18-AR, 150 x 3 mm, 3 µm, or equivalent) at 50°C with UV detection at 254 nm, after derivatization with 2,4'-dibromoacetophenone, with mobile phase composed of acetonitrile/water/trifluoroacetic acid. Quantitation is done by external standard calibration.

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

Time schedule: The collaborative trial is intended to be carried out between June 2025 and July 2025. Those who wish to participate should contact the organiser by June 6th, 2025. The results should be reported by the first week of August 2025.

Note: The trial is limited to 12 participating laboratories due to the availability of samples. The selection is based on the application order.

Contact:

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Yours sincerely

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