

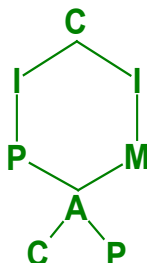
# CIPAC

## COLLABORATIVE INTERNATIONAL PESTICIDES ANALYTICAL COUNCIL LIMITED

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### CIPAC INFORMATION SHEET No. 357

September 2025

#### 886 decanoic 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 decanoic acid.

**Principle:** The content of decanoic acid in the technical material is determined by high performance liquid chromatography on a reversed phase column (MAC-MOD ACE 3 C18-AR, 100 Å, 3.0 x 150 mm, 3 µm, or equivalent) at 50°C after derivatization with 2,4'-dibromoacetophenone, with UV detection at 254 nm, with mobile phase composed of acetonitrile/water/trifluoroacetic acid (65/35/0.1). 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 November 2025 and December 2025. Those who wish to participate should contact the organiser by October 13<sup>th</sup>, 2025. The results should be reported by the first week of February 2026.

**Note:** The trial is limited to 12 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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