CIPAC

COLLABORATIVE INTERNATIONAL PESTICIDES ANALYTICAL COUNCIL LIMITED

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

CHAIRMAN:

Helen Karasali, PhD

Benaki Phytopathological Institute (BPI)

8 St. Delta str., GR-145 61 Kifissia Attica, Greece

Telephone: +30 210 8180314 E-Mail: e.karassali@bpi.gr

SECRETARY: László Bura

Budapest, Hungary

Telephone: +36 209458142

E-Mail: bura.laszlo.id@gmail.com

P M C P

TREASURER:

Brian E Hocken 17 Claygate Avenue

Harpenden, Herts, AL5 2HE, United Kingdom

Telephone: +44 1582 764277
Telefax: +44 1582 461625
E-Mail: brianehocken@gmail.com

http://www.cipac.org

CIPAC INFORMATION SHEET No. 359

Internet:

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887 Octanoic acid 888 Nonanoic acid 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 octanoic acid, nonanoic acid and decanoic acid.

Principle: The content of octanoic acid, nonanoic acid and decanoic acid in the formulations is determined by high performance liquid chromatography on a ACE 3 C18-AR 150 μ m, 150 x 3.0 mm column (P/N: ACE-119-1503 or equivalent) at 50°C, with UV detection at 254 nm, after derivatization with 2,4'-dibromoacetophenone, with mobile phase composed of acetonitrile/water (65/35). Quantitation is done by external standard calibration.

Scope: It is intended to analyse samples consisting 3 technical materials and 3 ReMoa Tri formulations. Samples and analytical standards will be provided.

Time schedule: The collaborative trial is intended to be carried out between December 2025 and January 2026. Those who wish to participate should contact the organiser by October 31th, 2025. The results should be reported by the end 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.

Contact:

Ms. Kelly Robinson Valent BioSciences LLC. 1901 Innovation Way, Suite 100, Libertyville, IL USA

Tel.: 847-651-1352

e-mail: Kelly.robinson@valentbiosciences.com

Yours sincerely

L. Bura Secretary

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