



Microplastics Detection Method

IDENTIFICATION AND QUANTIFICATION OF MICROPLASTICS IN ORGANIC SAMPLES

KEY WORDS

MICROPLASTICS,
DETECTION,
ANALYTICAL
CHEMISTRY

DESCRIPTION

Development of a method based on analytical chemistry to identify and quantify microplastics in fish, soil, and other elements, using selective dye and UV light.

POTENTIAL BENEFITS OR IMPACTS

This will provide a reliable metrological tool, reducing the margin of error in environmental and health studies. The development will also support the construction of solid scientific evidence on the presence and impact of microplastics.

TECHNOLOGY MATURITY LEVEL (TRL)

TRL 3: experimental proof of concept

AREA OF APPLICATION

Plastics
Chemistry

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