

Compost & Digestate Testing

Eurofins Food Testing UK offers accredited testing services to support compliance with PAS 100 and PAS 110, the UK's Publicly Available Specifications for composted and digestate materials.

These standards ensure the safe reuse of organic material in agriculture, horticulture, landscaping and related industries.

From our Eurofins Food Testing UK Ltd. and Eurofins Agro Testing UK Ltd. ISO 17025- accredited laboratories, we provide the microbiological, chemical and physical testing required to demonstrate product safety, compliance, and fitness for purpose.

What are PAS 100 and PAS 110?

PAS 100 is the UK's quality standard for compost. It ensures composted materials are safe, consistent and suitable for use in agriculture, landscaping and horticulture. Testing covers key parameters such as stability, maturity, contaminants and pathogens.

PAS 110 is the UK's quality standard for anaerobic digestate. It confirms that digestate is nutrient-rich, stable, and meets the end-of-waste criteria for safe reuse. Parameters include physical contaminants, volatile solids, plant response, pathogens, and hygiene indicators.

How does this relate to animal-by-products?

Composted or digested materials derived from animal by-products (ABPs) must also comply with the Animal By-Products Regulation (EC) No 1069/2009, as retained in UK law. Depending on origin and intended use, approval from the Animal and Plant Health Agency (APHA) may be required.

Our testing services help ensure compliance with both PAS standards and the ABPR, supporting product quality, regulatory approval and safe application.

Compost & digestate services

- ✓ Testing to PAS 100 & PAS 110
- ✓ Accredited ABPR testing
- ✓ Accredited microbiology testing e.g. *Salmonella*, *Escherichia coli*
- ✓ Physical contaminant assessment
- ✓ Stability and maturity testing
- ✓ Chemical analysis e.g. pH, nutrient content, and heavy metal screening
- ✓ Pathogen and hygiene indicator testing
- ✓ Consultancy support for end-of-waste compliance

Additional related services from Eurofins Agro Testing UK include: Plant response/phototoxicity testing; volatile solids or organic matter content; moisture and dry matter determination.

ABP consultancy services

In addition to our unrivalled commercial testing services, we also offer comprehensive consultancy support including:

- ✓ Preparation for your Local Authority Feed Hygiene Audit and external audits such as FEMAS, BRC, ISO 22000.
- ✓ Guidance on hygiene & GMP standards, alongside HACCP implementation and management
- ✓ Regulatory compliance support, training and interpretation of testing results

Other areas of expertise

Vitamins

The Eurofins Vitamin Competence Centre in Denmark is dedicated to the analysis of vitamins and amino acids, offering a state-of-the-art service for our customers.

Speciation

Eurofins speciation tests are accredited for both qualitative and quantitative analysis using RT-PCR and DNA sequencing.

Authenticity

We have significant experience and expertise in risk assessing food products including testing of food authenticity.

CBD

Eurofins scientists are global experts in hemp and CBD analysis and verification.

Specialist contaminants

Eurofins labs operate at the forefront of emerging issues, including analysis of specialised contaminants like PFAS.

GMO testing

Fast and cost-effective options for screening, identification and quantification for various GMOS.

Per- and Polyfluoroalkyl Substances (PFAS)

Eurofins is a global leader in PFAS testing in a wide variety of matrices.

Worldwide centres of competence

Eurofins has specialist accredited centers of excellence worldwide which maintain the highest level of quality and the resources to meet client requirements. This provides our clients with access to state-of-the-art analytical methods, testing and consultancy for specialist areas.

Europortal - quick & easy online access

Europortal is our in-house web-based client interface which provides an efficient and flexible system to manage your testing requirements.

With a specialised team to implement the system, provide training and ongoing provide support, the Europortal dashboard can be fully adapted to your business needs. From automated testing schedules and factory heatmapping to powerful data analysis at the click of a button, Europortal will save your team time and costs.

Demo version available on request



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