

Soil Testing

# Compost Quality Testing

Fitz Scientific offers specialized compost and digestate analysis services to ensure the quality and safety of compost products, supporting compliance with environmental standards and enhancing soil health.



## Service Information

Compost analysis is crucial for determining the quality and suitability of compost for agricultural and horticultural use. Fitz Scientific provides comprehensive testing services that assess various parameters of compost, including nutrient content, pH, moisture, organic matter, and contaminants. Regular testing allows for the monitoring of compost maturity and stability, ensuring it meets the necessary quality standards.

Fitz Scientific also tests for potential contaminants such as heavy metals, Salmonella and E. coli to ensure the compost is safe and appropriate for use.

Digestate and liquor is produced during anaerobic digestion of biodegradable waste. The whole process of anaerobic digestion and the controlled application of digested materials reduce the environmental impact of manures and biowaste streams by lowering methane emissions and controlling odours. Such applications have the potential to reduce nitrogen losses to groundwater, surface water and to the atmosphere.

With a focus on environmental sustainability, Fitz Scientific's compost and digestate analysis services support the production of a high-quality, safe, and effective product.

## Regulations and Standards

- Quality Protocols for Compost
- Based on PAS 100 and PAS 110
- EPA Licencing

## Key Features

- Comprehensive Nutrient and Quality Analysis
- Accurate and Reliable Results
- Detection of Contaminants
- Compliance with Environmental Regulations

## Common Tests

- pH, Conductivity, Organic Matter
- Oxygen Uptake Rate (OUR)
- Heavy Metals
- Carbon, Nitrogen, Phosphorus
- Particle Size, Foreign Matter, Sharps & Stones
- E. Coli & Salmonella



To learn more about our services, schedule a sampling, or request a quote, contact Fitz Scientific at 041 9845440 or email [info@fitzsci.ie](mailto:info@fitzsci.ie).

By partnering with Fitz Scientific, businesses can be assured of quality of service, excellent customer support, world class monitoring and testing services.



MONITORING & TESTING

Accredited Laboratory



Views all our services



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