



## **PFAS Testing Services**

Reliable & independent  
accredited analysis  
across a wide variety  
of different matrices

Marchwood Scientific Services is a leading UK specialist laboratory for the analysis of Persistent Organic Pollutants (POPs), and the ideal testing partner to support your PFAS testing needs. Our comprehensive PFAS testing services deliver very low limits of detection (parts per trillion) across a wide variety of matrix types and fast, reliable turnaround times.

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## What are PFAS?

Per- and polyfluoroalkyl substances (PFAS) are a broad class of synthetic, fluorinated organic compounds characterised by multiple very strong carbon-fluorine (C-F) bonds. They have been used extensively over the last 50 years in a wide variety of industries. Once released into the environment PFAS do not readily breakdown, are highly mobile and bio-magnify within the food chain. Due to increasing regulatory scrutiny, organisations are facing growing pressure to understand and manage PFAS contamination.

Our PFAS analytical services:

- State-of-the-art LC-MS QQQ technology
- 52 substance target list
- Total Oxidisable Precursors (TOP) assay to identify potential non-target substances
- Custom method development for non-standard PFAS compounds
- Low limits of detection (ppt) to ensure compliance with regulatory standards
- ISO 17025 accreditation for selected matrices
- Fast, reliable turnaround times
- Expert technical advice.



## Standard 52 substance target list

Marchwood's standard PFAS target list of 52 substances includes all PFAS substances routinely regulated within the matrices we routinely test:

- Drinking water
- Groundwater
- Surface water
- Soils
- Ash
- Food/Feed
- Waste solids/liquids
- Fire-fighting foams.

## Total Oxidisable Precursors (TOP) Assay

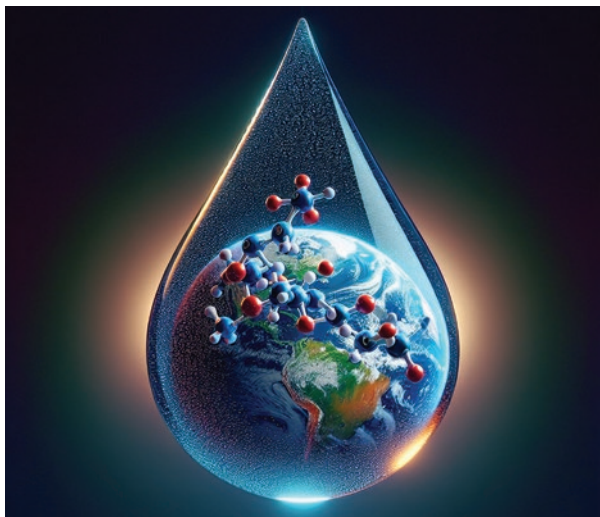
There are understood to be >10,000 different PFAS compounds, many more than the well-known compounds (PFOS, PFOA, PFNA, PFHxS etc.). In addition, PFAS can exist as precursor compounds which have the potential to transform to other PFAS. The TOP assay can be used to identify the potential presence of PFAS compounds that may not be included in the standard 52 substance target list, helping to provide a more complete understanding of PFAS contamination.

### Limits of detection (LOD) by LC/MS QQQ

**Waters/Liquid Matrices:** from 0.00065 µg/L

**Solid Matrices:** from 0.5 µg/kg

Lower LODs can be achieved for selected compounds on selected matrices if required.



## Why test for PFAS?

In February 2026, the UK government released its first ever national PFAS plan – a major milestone in chemical regulation and environmental protection. The plan established a coordinated, science-led framework to address PFAS contamination across water, soil, ecosystems, industry, and waste systems.

Building on existing regulatory controls, the national plan committed to:

- An expanded national monitoring programme
- Strengthened regulatory controls
- Updated permitting rules
- Long-term PFAS assessment.

Understanding PFAS levels within your business's raw materials, products and waste streams is essential for compliance, due diligence, and environmental stewardship.



## How Marchwood can help

Marchwood is fully equipped to support your PFAS testing requirements. The laboratory has validated methods for PFAS analysis across a wide range of liquid and solid matrices. Matrix specific clean up methods (SPE, dSPE, QuEChERS etc.) and state-of-the-art LC-MS QQQ technology, enables highly selective detection of target analytes to very low limits of detection, even within complex environmental, waste and food and feed matrices, while delivering reliable, reproducible, and defensible quantitative data.

For more information on Marchwood's services, or to request a quotation, please visit our website or contact us on the details provided below:

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