



right solutions.
right partner.

PFAS analysis in water



ALS has long experience in PFAS testing in environmental samples with accredited methods. Today we offer more than 30 compounds, and we continuously develop our methods as PFAS regulation and knowledge of their precursors and degradation processes increases.

Our capabilities

There are hundreds of chemicals that can be classed as PFAS (Per and poly-fluorinated Alkyl Substances). Developing a method that measures all PFAS compounds is not practically possible. Analyses provided by us include the compounds usually required in regulations and directives. We offer you:

- Accredited determination of more than 30 PFAS compounds.
- Measurements at low concentrations (ng/l) in pure waters.
- Short turnaround times and capability for express analysis.
- PFAS in drinking water according to EU directive 2020/2184.
- TOP Assay.

Total oxidisable precursor assay (TOP Assay)

The Total Oxidisable Precursor Assay (TOP Assay or TOPA) is a standardised pre-treatment of water samples designed to expose underlying PFAS not amenable to standard analysis.

ALS has developed a TOP assay where the PFAS compounds in the sample are oxidated (Hydroxyl Radical Oxidation) to smaller molecules that can be analysed.

The results obtained from the TOP assay do not give specific information about the compounds present in the sample, but rather an estimation of the total PFAS concentration in the sample. This can be useful to understand the probable toxicity and the bioaccumulating effects of the present PFAS compounds.

