

PFAS Detection Limits

ROMIL ultra pfas Solvents

ROMIL ultra pfas solvents undergo a rigorous use test to ensure suitability for analysis of poly- and per-fluoroalkyl substances resulting in an ultra low background of pfas analytes. Using complementary methods developed in our laboratories a broad range of pfas analytes are quantified to their detection limits by LC-MS.

PFAS Analyte	Abbreviation	Detection Limit (ppb)
Perfluoro-4-oxapentanoic Acid	PF4OPeA:PFMPA	< 0.2
Perfluoro-5-oxahexanoic Acid	PF5OHxA:PFMBA	< 0.2
Perfluoro-3,6-dioxaheptanoic Acid	NFDHA	< 20
Perfluoro-1-butan Sulphonic Acid	PFBS	< 0.2
Perfluorohexanoic Acid	PFHxA	< 1
Perfluoro(2-ethoxyethane)sulphonic Acid	PFEESA	< 0.2
1H,1H,2H,2H-Perfluorohexanesulphonic Acid	4:2FTS	< 0.2
Perfluoro-1-pentanesulphonic Acid	PFPeS	< 0.2
Perfluoroheptanoic Acid	PFHpA	< 1
4,8-Dioxa-3H-perfluorononanoic Acid (Dodecafluoro-3H-4,8-dioanonanoic Acid)	ADONA	< 0.2
Perfluorohexane-1-sulphonic Acid	PFHxS	< 0.2
Perfluorooctanoic Acid	PFOA	< 1
1H,1H,2H,2H-Perfluorooctanesulphonic Acid	6:2FTS	< 1
Perfluoro-1-heptanesulphonic Acid	PFHpS	< 0.2
Perfluorononanoic Acid	PFNA	< 1
Perfluoro-1-octanesulfonamide	PFOSA	< 1
Heptadecafluorooctanesulphonic Acid	PFOS	< 0.2
Perfluorodecanoic Acid	PFDA	< 1
1H,1H,2H,2H-Perfluorodecanesulphonic Acid	8:2FTS	< 0.5
9-Chlorohexadecafluoro-3-oxanonane-1-sulphonic Acid	9Cl-PF3ONS	< 0.2
Perfluoro-1-nonanesulphonic Acid	PFNS	< 1
Perfluoroundecanoic Acid	PFUnA	< 0.5
N-Methylperfluorooctanesulphonamidoacetic Acid	NMeFOSAA	< 1
N-Ethylperfluorooctanesulphonamidoacetic Acid	NEtFOSAA	< 0.2
Perfluoro-1-decanesulphonic Acid	PFDS	< 1
Perfluorododecanoic Acid	PFDoA	< 0.2
11-Chloroeicosafluoro-3-oxaundecane-1-sulphonic Acid	11Cl-PF3OUdS	< 0.2
Perfluorotridecanoic Acid	PFTriDA (PFTriA)	< 0.2
Perfluorotetradecanoic Acid	PFTeDA (PFTreA)	< 0.2