

Certified Reference Material - PFAS in Soil

Art. ID	ERA-603
Unit	10 g
Deliverydetails	No Dangerous Good /not restricted

Description

One flame-sealed ampule containing 10 g of soil. The standard is certified for 40 analytes and will be spiked with a subset of a minimum of 24 analytes at 5-50 µg/kg. The sample is designed for LC/MS/MS methods for analyzing soil, specifically EPA Method 1633, EPA Method 8327 and DoD/DoE QSM Table B-15. This product is a replacement for PFAS in Soil: ERA-462 (PT), ERA-604 (CRM) and ERA-604QR (QR).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS), potassium salt	[83329-89-9]	5-50	µg/kg		
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	1H,1H,2H,2H-Perfluorodecanesulfonate (8:2 FTS), sodium salt	[27619-96-1]	5-50	µg/kg		
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	1H,1H,2H,2H-Perfluorohexanesulfonate (4:2 FTS), sodium salt	[27619-93-8]	5-50	µg/kg		
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS), sodium salt	[27619-94-9]	5-50	µg/kg		
2H, 2H, 3H, 3H-perfluorodecanoic acid (7:3 FTC A)	2H,2H,3H,3H-Perfluorodecanoic acid	[812-70-4]	5-50	µg/kg		
2H, 2H, 3H, 3H-perfluorohexanoic acid (3:3 FTC A)	2H,2H,3H,3H-perfluorohexanoic acid (3:3 FTCA)	[356-02-5]	5-50	µg/kg		
2H, 2H, 3H, 3H-perfluorooctanoic acid (5:3 FTC A)	2H,2H,3H,3H-Perfluorooctanoic Acid	[914637-49-3]	5-50	µg/kg		
4,8-dioxo-3H-perfluorononanoic acid (DONA)	Sodium dodecafluoro-3H-4,8-dioxanonanoate (DONA)	[2250081-67-3]	5-50	µg/kg		
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic	Potassium 9-chlorohexadecafluoro-3-oxanonane-1	[73606-19-6]	5-50	µg/kg		

acid (9CI-PF3ONS)	-sulfonate (9CI-PF3ONS)			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	Hexafluoropropylene oxide dimer acid (HFPO-DA)	[13252-13-6]	5-50	µg/kg
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	[2991-50-6]	5-50	µg/kg
N-Ethylperfluorooctanesulfonamide (NEtFOSA)	N-Ethylperfluorooctanesulfonamide (NEtFOSA)	[4151-50-2]	5-50	µg/kg
N-Ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-Ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	[1691-99-2]	5-50	µg/kg
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	[2355-31-9]	5-50	µg/kg
N-Methylperfluorooctanesulfonamide (NMeFOSA)	N-Methylperfluorooctanesulfonamide (NMeFOSA)	[31506-32-8]	5-50	µg/kg
N-Methylperfluorooctanesulfonamidoethanol (NMeFOSE)	N-Methylperfluorooctanesulfonamidoethanol (NMeFOSE)	[24448-09-7]	5-50	µg/kg
Nonafluoro-3,6-dioxahepanoic acid (NFDHA)	Nonafluoro-3,6-dioxahepanoic acid (NFDHA)	[151772-58-6]	5-50	µg/kg
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	Potassium Perfluoro(2-ethoxyethane)sulphonate	[117205-07-9]	5-50	µg/kg
Perfluoro-3-methoxypropanoic acid (PFMPA)	Perfluoro-3-methoxypropanoic acid (PFMPA)	[377-73-1]	5-50	µg/kg
Perfluoro-4-methoxybutanoic acid (PFMBA)	Perfluoro-4-methoxybutanoic acid (PFMBA)	[863090-89-5]	5-50	µg/kg
Perfluorobutanesulfonic acid (PFBS)	Perfluorobutanesulfonate (PFBS), potassium salt	[29420-49-3]	5-50	µg/kg
Perfluorobutanoic acid (PFBA)	Perfluorobutanoic acid (PFBA)	[375-22-4]	5-50	µg/kg
Perfluorodecane sulfonic acid (PFDS)	Perfluorodecanesulfonate (PFDS), sodium salt	[2806-15-7]	5-50	µg/kg
Perfluorodecanoic acid (PFDA)	Perfluorodecanoic acid (PFDA)	[335-76-2]	5-50	µg/kg
Perfluorododecanesulfonic acid	Sodium Perfluoro-1-dodecane sulfonate	[1260224-54-1]	5-50	µg/kg

ic acid (PFDoS)	canesulfonate				
Perfluorododecanoic acid (PFDoA)	Perfluorododecanoic acid (PFDoA)	[307-55-1]	5-50		µg/kg
Perfluoroheptane sulfonic acid (PFHpS)	Perfluoroheptanesulfonate (PFHpS), sodium salt	[21934-50-9]	5-50		µg/kg
Perfluoroheptanoic acid (PFHpA)	Perfluoroheptanoic acid (PFHpA)	[375-85-9]	5-50		µg/kg
Perfluorohexanesulfonic acid (PFHxS)	Sodium perfluoro-1-hexanesulfonate (L-PFHxS)	[82382-12-5]	5-50		µg/kg
Perfluorohexanoic acid (PFHxA)	Perfluorohexanoic acid (PFHxA)	[307-24-4]	5-50		µg/kg
Perfluorononane sulfonic acid (PFNS)	Perfluorononanesulfonate (PFNS), sodium salt	[98789-57-2]	5-50		µg/kg
Perfluorononanoic acid (PFNA)	Perfluorononanoic acid (PFNA)	[375-95-1]	5-50		µg/kg
Perfluorooctanesulfonamide (PFOSA)	Perfluorooctanesulfonamide (PFOSA)	[754-91-6]	5-50		µg/kg
Perfluorooctanesulfonic acid (PFOS)	Perfluorooctane sulfonic acid potassium salt P FOS	[2795-39-3]	5-50		µg/kg
Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	[335-67-1]	5-50		µg/kg
Perfluoropentane sulfonic acid (PFPeS)	Perfluoropentanesulfonate (PFPeS), sodium salt	[630402-22-1]	5-50		µg/kg
Perfluoropentanoic acid (PFPeA)	Perfluoropentanoic acid (PFPeA)	[2706-90-3]	5-50		µg/kg
Perfluorotetradecanoic acid (PFTDA)	Perfluorotetradecanoic acid (PFTDA)	[376-06-7]	5-50		µg/kg
Perfluorotridecanoic acid (PFTTrDA)	Perfluorotridecanoic acid (PFTTrDA)	[72629-94-8]	5-50		µg/kg
Perfluoroundecanoic acid (PFUnA)	Perfluoroundecanoic acid (PFUnA)	[2058-94-8]	5-50		µg/kg