

## **Proficiency Testing - PFAS in Soil**

Art. ID	ERA-462
Unit	10 g
Deliverydetails	No Dangerous Good /not restricted

### Description

Per- & Polyfluoroalkyl Substances (PFAS) in Soil: One flame-sealed ampule containing 10 g of soil. The standard is certified for all analytes listed below. Each lot will be spiked with 6-12 of the analytes specified in the range of 20-100 ug/kg. Design is suitable for methods analyzing these components with LC/MS/MS techniques.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	[763051-92-9]	20 - 100	µg/kg		
	1H,1H,2H,2H-Perfluorodecanesulfonic acid	[39108-34-4]	20 - 100	µg/kg		
	1H,1H,2H,2H-Perfluorooctanesulfonic acid	[757124-72-4]	20 - 100	µg/kg		
	1H,1H,2H,2H-Perfluorooctane sulfonic acid	[27619-97-2]	20 - 100	µg/kg		
	4,8-Dioxa-3H-perfluorooxonanoic acid	[919005-14-4]	20 - 100	µg/kg		
	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)		20 - 100	µg/kg		
	Hexafluoropropylene oxide dimer acid (HFPO-DA)	[13252-13-6]	40 - 100	µg/kg		
	N-ethyl perfluorooctanesulfonamidoacetic acid	[2991-50-6]	20 - 100	µg/kg		
	N-methyl perfluorooctanesulfonamidoacetic acid	[2355-31-9]	20 - 100	µg/kg		
	Perfluoro-butanesulfonic acid	[375-73-5]	20 - 100	µg/kg		
	Perfluorobutanoic acid (PFBA)	[375-22-4]	20 - 100	µg/kg		
	Perfluorodecane Sulfonic Acid	[335-77-3]	20 - 100	µg/kg		
	Perfluorodecanoic acid (PFDA)	[335-76-2]	20 - 100	µg/kg		

Perfluorododecanoic acid (PFDoA)	[307-55-1]	20 - 100	µg/kg
Perfluoroheptanesulfonic Acid	[375-92-8]	20 - 100	µg/kg
Perfluoroheptanoic acid (PFHpA)	[375-85-9]	20 - 100	µg/kg
Perfluorohexanesulfonic acid	[355-46-4]	20 - 100	µg/kg
Perfluorohexanoic acid (PFHxA)	[307-24-4]	20 - 100	µg/kg
Perfluorononanesulfonic Acid (PFNS)	[68259-12-1]	20 - 100	µg/kg
Perfluorononanoic acid (PFNA)	[375-95-1]	20 - 100	µg/kg
Perfluorooctane sulfonamide (PFOSA)	[754-91-6]	20 - 100	µg/kg
Perfluorooctanesulfonic acid (PFOS)	[1763-23-1]	20 - 100	µg/kg
Perfluorooctanoic acid (PFOA)	[335-67-1]	20 - 100	µg/kg
Perfluoropentane sulfonic acid (PFPeS)	[2706-91-4]	20 - 100	µg/kg
Perfluoropentanoic acid (PFPeA)	[2706-90-3]	20 - 100	µg/kg
Perfluorotetradecanoic acid (PFTA)	[376-06-7]	20 - 100	µg/kg
Perfluorotridecanoic acid (PFTrDA)	[72629-94-8]	20 - 100	µg/kg
Perfluoroundecanoic acid (PFUnDA)	[2058-94-8]	20 - 100	µg/kg