

Certified Reference Material - PFAS in Soil

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| Art. ID | ERA-604 |
| 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] | 20 - 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 | | |

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| 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 |