

contamination

water repellent **PFAS** **PFOA** **PFOS**

chemical compounds forever chemicals

Water Pollution toxic and carcinogenic

biochemistry

cancer

polyfluoroalkyl

waterproof

PFAS

Human health

impermeable

warning

environmental damage

Perfluoroalkyl and Polyfluoroalkyl

water-resistant properties

organofluorine fluorochemicals

PFAS exposure

S*PURE SOLUTION FOR PFAS IN ENVIRONMENTAL SAMPLES

SUMMARY OF CURRENT PFAS METHODS



	EPA 537.1	EPA 533	EPA 1633	DOD QSM 5.3	ISO 25101/ 21675
MATRIX	Drinking water	Drinking water	Aq, solid (soil, biosolids, sediments) & tissue samples	Drinking and Non-potable water	Drinking and Non-potable water
NO. OF ANALYTES	18	25 (including 4 from 537.1 and 11 new short chain cpds)	40	32	2 / 30
ANALYSIS METHOD	LC-MS/MS	LC-MS/MS	LC-MS/MS	LC-MS/MS	Unfiltered samples using SPE & LC-MS/MS
SPE MEDIA	SDVB, Styrenedivinyl benzene	Polymeric Weak Anion Exchange	Weak Anion Exchange, Carbon Cleanup	Polymeric Weak Anion Exchange with Graphitized Carbon Black	Weak Anion Exchange
S*PURE SPE	Coming soon	SEClute PFAS P-WAX	SEClute PFAS P-WAX/GCB	SEClute PFAS P-WAX/GCB	SEClute PFAS P-WAX

METHOD	TITLES
EPA 537.1	Determination of Selected Per- and Polyfluorinated Alkyl Substances in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)
EPA 533	Determination of Per- and Polyfluoroalkyl Substances in Drinking Water by Isotope Dilution Anion Exchange Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry
EPA 1633	Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS
ISO 25101:2009	Water quality — Determination of perfluorooctanesulfonate (PFOS) and perfluorooctanoate (PFOA) — Method for unfiltered samples using solid phase extraction and liquid chromatography/mass spectrometry
ISO 21675:2019	Water quality — Determination of perfluoroalkyl and polyfluoroalkyl substances (PFAS) in water — Method using solid phase extraction and liquid chromatography-tandem mass spectrometry (LC-MS/MS)
DOD QSM 5.3	The DOD QSM (Quality Systems Manual) Is not a test method per se. Instead, it is a set of protocols to be used for DOD projects. QSM 5.3 and 5.4 are also applicable to civilian projects upon the client organization’s direction (e.g., In the absence of an applicable final US EPA test method)

OUR PFAS PRODUCTS

S*Pure PFAS Cartridges	Material Number
SEClute PFAS P-WAX	
150mg/6ml	PWAX.15.00.6.30
200mg/6ml	PWAX.20.00.6.30
500mg/6ml	PWAX.50.00.6.30
<i>(Note: P-WAX is 40um)</i>	
SEClute PFAS P-WAX/GCB	
500mg/50mg/6ml	WXCB.50.05.6.30
200mg/10mg/6ml	WXCB.20.01.6.30
200mg/50mg/6ml	WXCB.20.05.6.30
250mg/50mg/6ml	WXCB.25.05.6.30
50mg/200mg/6ml	WXCB.05.20.6.30
<i>(Note: P-WAX is 40um)</i>	

S*Pure PFAS Cartridges	Material Number
SEClute PFAS GCB/P-WAX	
10mg/200mg/6ml	CBWX.01.20.6.30
50mg/200mg/6ml	CBWX.05.20.6.30
250mg/100mg/6ml	CBWX.25.10.6.30
<i>(Note: P-WAX is 40um)</i>	
SEClute PFAS SDVB	
500mg/6ml	Coming soon
Accessories	
12-Port SPE Vacuum Manifold System	5122428
24-Port SPE Vacuum Manifold System	5122426
Extract-Clean™ 75mL Reservoir 50pk	3119413
Syringe Adaptor for Small SPE Col. 15pk	5125469

