

contamination
water repellent **PFAS** **PFOA** **PFOS**
chemical compounds forever chemicals
Water Pollution toxic and carcinogenic
biochemistry **cancer** polyfluoroalkyl **waterproof** **PFAS** Human health
environmental damage
Perfluoroalkyl and Polyfluoroalkyl
water-resistant properties impermeable warning
organofluorine fluorochemicals
PFAS exposure

S*PURE SOLUTION FOR PFAS IN ENVIRONMENTAL SAMPLES

SUMMARY OF CURRENT PFAS METHODS



MATRIX

EPA 537.1

Drinking water

EPA 533

Drinking water

EPA 1633

Aq, solid (soil, biosolids, sediments) & tissue samples

DOD QSM 5.3

Drinking and Non-potable water

ISO 25101/21675

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
(Note: P-WAX is 40um)	
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
(Note: P-WAX is 40um)	

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
(Note: P-WAX is 40um)	
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