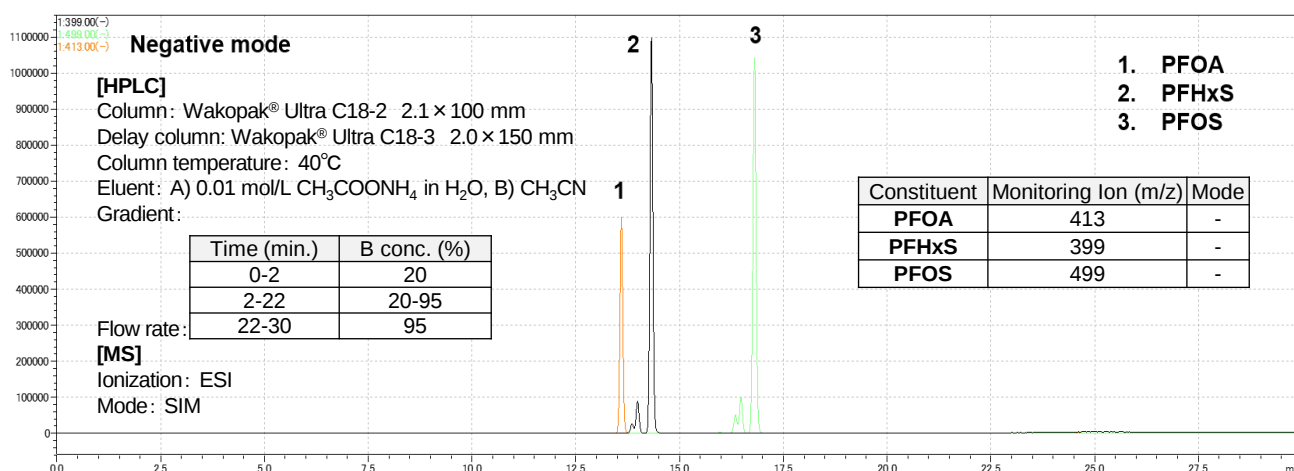


Reagent for PFAS Analysis

Perfluorooctane sulfonic acid (PFOS) and perfluorooctanoic acid (PFOA), which are polyfluoroalkyl substances (PFAS), are difficult to decompose in the environment and have a high accumulation potential. They are subject to various international regulations, including the Stockholm Convention on Persistent Organic Pollutants (POPs). Fujifilm Wako provides pretreatment columns, solvents, analytical standards, and mixture standard solutions that can be used to analyze PFAS

Mixture Standard Solution

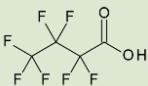
✓ Mixture standard solutions with clear concentration value of linear PFAS!
LC/MS Chromatogram (3 PFCs Mixture Standard Solution)

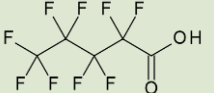
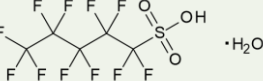
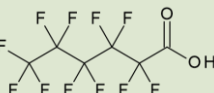
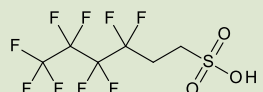
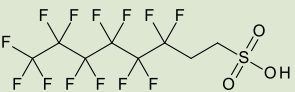
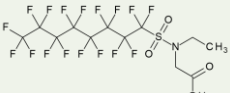
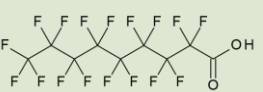


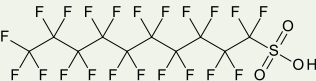
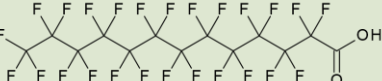
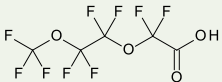
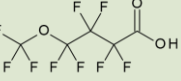
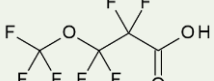
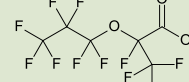
Code No.	Product Name	Grade	Volume
162-29071	3 PFCs Mixture Standard Solution (PFHxS, PFOS, PFOA each 2 µg/mL Methanol Solution)	for Water Analysis	1 mL×5A
169-29123	3 PFC Internal Standards Mixture Solution (PFHxS- ¹³ C ₆ , PFOS- ¹³ C ₈ , PFOA- ¹³ C ₈ each 2 µg/mL Methanol Solution)	for Water Analysis	1 mL
163-29121			1 mL×5A

Analytical Standards

✓ Analytical standards with clear content value of linear PFAS!

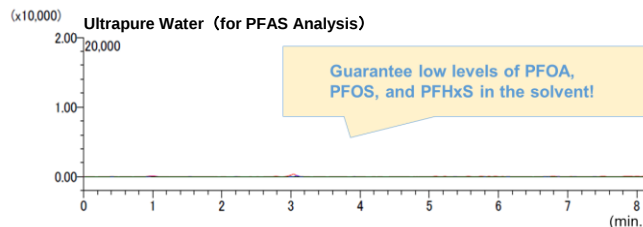
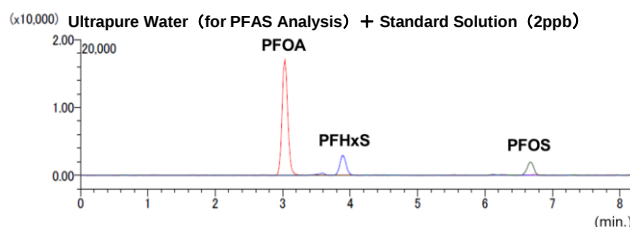
Code No.	Product Name	Abbreviation	Carbon Length	Grade	Volume
161-29301	Perfluorobutanoic Acid Standard 	PFBA	4	for Environment Analysis	100 mg

Code No.	Product Name	Abbreviation	Carbon Length	Grade	Volume
163-29361	Perfluoropentanoic Acid Standard 	PFPeA	5	for Environment Analysis	100 mg
168-29431	Perfluoropentanesulfonic Acid Hydrate 	PFPeS	5		50 mg
168-29311	Perfluorohexanoic Acid Standard 	PFHxA	6		100 mg
168-28951	Perfluorohexanesulfonic Acid Potassium Salt 	PFHxS	6		100 mg
169-29601	1H,1H,2H,2H-Perfluorohexanesulfonic Acid Standard 	4:2 FTS	6		100 mg
160-29371	Perfluoroheptanoic Acid Standard 	PFHpA	7		100 mg
165-29441	Perfluoroheptanesulfonic Acid 	PFHpS	7		50 mg
161-28941	Perfluorooctanoic Acid Standard 	PFOA	8		100 mg
166-29611	1H,1H,2H,2H-Perfluorooctanesulfonic Acid Standard 	6:2 FTS	8		100 mg
164-29531	Perfluorooctanesulfonamide 	PFOSA	8		100 mg
138-19521	N-Methylperfluoro-1-octanesulfonamide 	N-MeFOSA	8		50 mg
051-09631	N-Ethylperfluoro-1-octanesulfonamidoacetic Acid Standard 	N-EtFOSAA	8		50 mg
165-29321	Perfluorononanoic Acid Standard 	PFNA	9		100 mg

Code No.	Product Name	Abbreviation	Carbon Length	Grade	Volume
167-29381	Perfluorodecanoic Acid Standard 	PFDA	10	for Environment Analysis	100 mg
162-29451	Perfluorodecanesulfonic Acid Standard 	PFDS	10		50 mg
164-29391	1 <i>H</i> ,1 <i>H</i> ,2 <i>H</i> ,2 <i>H</i> -Perfluorodecanesulfonic Acid 	8:2 FTS	10		100 mg
161-29661	(<i>Z</i>)-2 <i>H</i> -Perfluoro-2-decenoic Acid Standard 	8:2 FTUCA	10		50 mg
162-29331	Perfluoroundecanoic Acid 	PFUnDA	11		100 mg
169-29341	Perfluorododecanoic Acid 	PFDODA	12		100 mg
165-29561	Perfluorotridecanoic Acid 	PFTTrDA	13		100 mg
166-29351	Perfluorotetradecanoic Acid 	PFTeDA	14		100 mg
168-29551	Perfluorohexadecanoic Acid 	PFHxDA	16		100 mg
148-10161	Nonafluoro-3,6-dioxaheptanoic Acid Standard 	NFDHA	-		100 mg
161-29421	Perfluoro-4-methoxybutanoic Acid Standard 	PFMBA	-		100 mg
163-29621	Perfluoro-3-methoxypropanoic Acid Standard 	PFMPA	-		100 mg
166-29591	Perfluoro(2-methyl-3-oxahexanoic) Acid Standard 	GenX	-		100 mg

Solvent for PFAS Analysis

- ✓ Guarantee low levels of PFOA, PFOS, and PFHxS in the solvent!
- ✓ Guarantee the items for HPLC grade (absorbance, peroxides, etc.)!



Code No.	Product Name	Grade	Volume
011-22251	Acetonitrile	for PFAS Analysis	1 L
130-15941	Methanol	for PFAS Analysis	1 L
136-15943			3 L
216-01361	Ultrapure Water	for PFAS Analysis	1 L
212-01363			3 L

SPE Column Presep®-C PFAS

- ✓ Achieves high yield recovery of PFOA and PFOS!
- Collection / Concentration Operation**

Conditioning

- 1) 0.1%NH₃ in CH₃OH (5 mL)
- 2) CH₃OH (5 mL)
- 3) H₂O (10 mL)

Loading

Water + Internal Standard
[+ Standard Solution]
*Flow rate: 5 mL/min.

Washing

H₂O (5 mL)

N₂ purge

Extraction

0.1%NH₃ in CH₃OH (5 mL)

Concentration

N₂ purge 5mL→0.5 mL

Code No.	Product Name	Grade	Volume
291-37081	Presep®-C PFAS (Short)*1	for Sample Pretreatment	10 pcs×5
294-37071	Presep® PFAS (60mg/3mL)*2	for Sample Pretreatment	100 ea

*1 Cartridge-type column.

*2 Syringe-type column.

Please check our website for details.

TOP > Analytical Chemistry > Water Quality > Wastewater >
Analysis for PFAS (PFOS, PFOA, PFHxS, etc.)

<https://labchem-wako.fujifilm.com/us/category/00353.html>



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