

Chemicals and Consumables for analyzing PFAS

Per- and polyfluorinated alkyl substances (PFAS) are manufactured chemicals that have been used in a wide variety of common consumer products and industrial activities. They are known as “forever chemicals” because they do not breakdown and can bioaccumulate. As such, there is an increasing need for robust, reliable methods which includes using chemicals and consumables that are fit for the purpose of PFAS analyses.

PFAS contamination can be determined by one of several regulatory methods, including global ASTM regulations, the Stockholm Convention on persistent organic pollutants (POPs), the EU Drinking Water Directive, and US EPA Methods 1633, 8327, 533, and 537, and OTM-45.

If you are following one of these methods - or are using an in-house method, let us help you find the right chemicals and consumables for your PFAS applications.

Chemical Solutions

Our chemicals are available to [purchase online](#). If you are starting a new testing lab, take advantage of savings with our [New Lab Start Up \(NLSU\) program](#) and get your lab set up with all the necessary chemicals for your application.

All our chemicals come in a variety of pack sizes.

Chemicals Check List	Cat. No.
Acetic Acid, Optima™ LC-MS, Fisher Chemical™ (ampoules)	A113-10x1AMP
Acetonitrile, UHPLC-MS Grade, Thermo Scientific Chemicals™	A9561
Methanol, UHPLC-MS Grade, Thermo Scientific Chemicals	A4581
Ammonium acetate (Crystalline), HPLC Grade, Fisher Chemical™	A639-500
Ammonium hydroxide, Certified ACS Plus Grade, Fisher Chemical	A669-500
Formic acid, 99.0+%, Fisher Chemical™ Optima™ LC-MS Grade, Thermo Scientific™ Nalgene™ Poly Bottle	A117-50
Potassium hydroxide (Pellets), Certified ACS Grade, Poly Bottle, Fisher Chemical	P250-1
Water, UHPLC-MS Grade, Thermo Scientific Chemicals	W81
Carbon, Activated (Powder), USP Grade, Poly Pail, Fisher Chemical	C272-500
Toluene, 99.7% min, HPLC Grade, Thermo Scientific Chemicals	AA22903K7
Acetone, Optima™, HPLC and GC Grade, Fisher Chemical	A929-1
Methylene chloride, Pesticide Grade, Fisher Chemical	D142-4

Need more chemicals? Visit the [Fisher Chemicals](#) and [Thermo Scientific Chemicals](#) homepages



Consumable Solutions

Looking for columns and vials for PFAS analysis? We have made the selection easy for you. The Thermo Scientific™ Acclaim™ and Thermo Scientific™ Accucore™ columns are used for PFAS testing within the industry. Choose from the below products for your PFAS applications.

Group	Consumables Check List for EPA 1633	Cat. No.
Column	Acclaim 120 C18 Column, 2 µm 2.1 mm × 100 mm	DX068982
Column	Acclaim 120 C18 Column, 2 µm 2.1 mm × 150 mm	DX071399
Guard Cartridges	Acclaim 120 C18 Column C18, 5 µm 2.1 mm × 10 mm, Guard Cartridge (Pack of 2)	DX069689
Guard Holder	Acclaim Guard Holder and Coupler	DX069707
Vials	0.4 mL Clear Polyethylene 9 mm Screw Microvial, Conical insert, (100/pack)	03-452-259
Vials	1.5 mL Clear Polyethylene 9 mm Screw Microvial, Conical insert (100/pack)	03-452-260
Vials	2 mL Clear Polyethylene 9 mm Screw Vial, with Thermo Scientific™ SureSTOP™ technology, GOLD-grade glass (100/PACK)	03-452-241
Caps	Clear Polyethylene 9 mm Screw Caps with integral polypropylene membrane (100/pack)	03-376-483
Caps	Blue Polypropylene 9 mm Screw Caps with AVCS closure, Solid Aluminum Disk with Silicone sealing ring (100/pack)	11-200-104
Column	Accucore RP-MS Column, 2.6 µm, 2.1 mm × 100 mm	17-626-102130
Column	Accucore RP-MS Column, 2.6 µm, 2.1 mm × 150 mm	17-626-152130
Guard Cartridge	Accucore RP-MS, 2.1 mm x 10 mm, Guard cartridges (Pack of 4)	17-626-012105
Guard Holder	Universal Uniguard Holder for 2.1/3.0 mm ID	85200

Group	Consumables Check List for EPA 8327	Cat. No.
Vials	Thermo Scientific™ SureSTART™ 0.8 mL Polypropylene Snap Top Microvials, Flat bottom, Level 1 Everyday Analysis, (100/pack)	03-452-356
Vials	SureSTART 0.8 mL Polypropylene Snap Top Microvials, Conical insert, Level 1 Everyday Analysis, (100/pack)	03-452-357
Vials	SureSTART 0.3 mL Polypropylene Snap Top Microvials, Conical insert, Level 1 Everyday Analysis, (100/pack)	03-452-358
Caps	SureSTART Blue Polyethylene 11 mm Snap Caps with Blue Polyethylene Septa, Level 1 Everyday Analysis, (100/pack)	03-452-581
Column	Accucore RP-MS Column, 2.6 µm, 2.1 mm × 100 mm	17-626-102130

Need more columns for your laboratory? Go to fishersci.com/thermochrom

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Group	Consumables Check List for EPA 533 and 537	Cat. No.
Column	Acclaim 120 C18 Column, 2 µm 2.1 mm × 100 mm	DX068982
Column	Acclaim 120 C18 Column, 2 µm 2.1 mm × 150 mm	DX071399
Guard Cartridges	Acclaim 120 C18 Column C18, 5 µm 2.1 mm × 10 mm, Guard Cartridge (Pack of 2)	DX069689
Guard Holder	Acclaim Guard Holder and Coupler	DX069707
Vials	0.4 mL Clear Polyethylene 9 mm Screw Microvial, Conical insert, (100/pack)	03-452-259
Vials	1.5 mL Clear Polyethylene 9 mm Screw Microvial, Conical insert (100/pack)	03-452-260
Vials	2 mL Clear Polyethylene 9 mm Screw Vial, with SureSTOP technology, GOLD-grade glass (100/PACK)	03-452-241
Caps	Clear Polyethylene 9 mm Screw Caps with integral polypropylene membrane (100/pack)	03-376-483
Caps	Blue Polypropylene 9 mm Screw Caps with AVCS closure, Solid Aluminum Disk with Silicone sealing ring (100/pack)	11-200-104
Vials	SureSTART™ 0.8 mL Polypropylene Snap Top Microvials, Flat bottom, Level 1 Everyday Analysis, (100/pack)	03-452-356
Vials	SureSTART 0.8 mL Polypropylene Snap Top Microvials, Conical insert, Level 1 Everyday Analysis, (100/pack)	03-452-357
Vials	SureSTART 0.3 mL Polypropylene Snap Top Microvials, Conical insert, Level 1 Everyday Analysis, (100/pack)	03-452-358
Caps	SureSTART Blue Polyethylene 11 mm Snap Caps with Blue Polyethylene Septa, Level 1 Everyday Analysis, (100/pack)	03-452-581
Column	Accucore RP-MS Column, 2.6 µm, 2.1 mm × 100 mm	17-626-102130
Column	Accucore RP-MS Column, 2.6 µm, 2.1 mm × 150 mm	17-626-152130
Guard Cartridge	Accucore RP-MS, 2.1mm x 10mm, Guard cartridges (Pack of 4)	17-626-012105
Guard Holder	Universal Uniguard Holder for 2.1/3.0 mm ID	85200

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Group	Consumables Check List for in-house method	Cat. No.
Column	Acclaim 120 C18 Column, 2 µm 2.1 mm × 100 mm	DX068982
Column	Acclaim 120 C18 Column, 2 µm 2.1 mm × 150 mm	DX071399
Guard Cartridges	Acclaim 120 C18 Column C18, 5 µm 2.1 mm × 10 mm, Guard Cartridge (Pack of 2)	DX069689
Guard Holder	Acclaim Guard Holder and Coupler	DX069707
Vials	0.4 mL Clear Polyethylene 9 mm Screw Microvial, Conical insert, (100/pack)	03-452-259
Vials	1.5 mL Clear Polyethylene 9 mm Screw Microvial, Conical insert (100/pack)	03-452-260
Vials	2 mL Clear Polyethylene 9 mm Screw Vial, with SureSTOP technology, GOLD-grade glass (100/PACK)	03-452-241
Caps	Clear Polyethylene 9 mm Screw Caps with integral polypropylene membrane (100/pack)	03-376-483
Caps	Blue Polypropylene 9 mm Screw Caps with AVCS closure, Solid Aluminum Disk with Silicone sealing ring (100/pack)	11-200-104
Vials	SureSTART 0.8 mL Polypropylene Snap Top Microvials, Flat bottom, Level 1 Everyday Analysis, (100/pack)	03-452-356
Vials	SureSTART 0.8 mL Polypropylene Snap Top Microvials, Conical insert, Level 1 Everyday Analysis, (100/pack)	03-452-357
Vials	SureSTART 0.3 mL Polypropylene Snap Top Microvials, Conical insert, Level 1 Everyday Analysis, (100/pack)	03-452-358
Caps	SureSTART Blue Polyethylene 11 mm Snap Caps with Blue Polyethylene Septa, Level 1 Everyday Analysis, (100/pack)	03-452-581
Column	Accucore RP-MS Column, 2.6 µm, 2.1 mm × 100 mm	17626-102130
Column	Accucore RP-MS Column, 2.6 µm, 2.1 mm × 150 mm	17626-152130
Guard Cartridge	Accucore RP-MS, 2.1mm x 10mm, Guard cartridges (Pack of 4)	17626-012105
Guard Holder	Universal Uniguard Holder for 2.1/3.0 mm ID	852-00

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