

NEW!

Designed for PFAS

Complete Product Portfolio


- PFAS QC tested SPE media
- Sub-components verified for the absence of PFAS
- High reproducibility
- Low background contamination



The “**Designed for PFAS**” products offer reproducibility and accuracy in detecting and quantifying a broad range of PFAS compounds. From sample preparation to analysis, the “Designed for PFAS” portfolio has shown to meet the most stringent quality standards and maintain data quality without having to worry about background contamination.

- Sample preparation media undergo stringent QC testing in PFAS applications so that PFAS spike recoveries and extraction from complex matrices such as wastewater and soil are ensured.
- To help reach trace level detection limits, products’ sub-components have been carefully selected and verified for the absence of PFAS.
- Each product is designed to reduce background contamination meeting increasing demand for robust and reliable analysis to detect PFAS in a wide range of matrices.







| Designed for PFAS Product | Description | Part No. | Feature |
|---|---|--|---|
|  | Strata™-X-AW 33 µm Polymeric Weak Anion-PFAS 200 mg/6 mL | 8B-S541-FCH | Cartridges for reproducible extraction of PFAS from water, soils, and sediment matrices with 2x gains in productivity. |
| | Strata-X-AW 33 µm Polymeric Weak Anion-PFAS 150 mg/6 mL | 8B-S541-SCH | |
| | Strata-X-AW 33 µm Polymeric Weak Anion-PFAS 500 mg/6 mL | 8B-S541-HCH | |
|   | Strata PFAS (WAX/GCB) 200 mg/50 mg/6 mL | CS0-9207 | Strata PFAS is a stacked solid phase extraction cartridge for EPA method 1633 and DOD QSM 5.1/5.3 applications. <ul style="list-style-type: none"> • Reliable SPE with 2x gains in productivity • Reproducible extraction • Reduced need for multiple tubes, transfer steps, and wasted time |
| | Strata PFAS (WAX/GCB) 500 mg/50 mg/6 mL | CS0-9208 | |
| | Strata PFAS (WAX/GCB) 250 mg/50 mg/6 mL | CS0-9215 | |
| | Strata PFAS (GCB/WAX) 50 mg/200 mg/6 mL | CS0-9214 | |
| | Strata PFAS (GCB/WAX) 250 mg/100 mg/6 mL | CS0-9217 | |
|  | SecurityCAP™ mobile phase safety filter for PFAS testing, 6-month capacity, 1/4 in-28 thread | AC2-0961-P | A mobile phase safety cap for PFAS applications that is easy to install and protects HPLC/ UHPLC solvents from external contaminants. |
| | SecurityCAP mobile phase starter kit for PFAS testing, 3-port GL45 caps and 6-month safety filter | AC2-4345-P | |
| | SecurityCAP mobile phase starter kit for PFAS testing, 2-port GL45 caps and 6-month safety filter | AC2-4245-P | |
|  | Verex™ 9 mm Black PP cap, preslit w/ blue silicone/ clear PP liner | AR0-89P7-12 AR0-89P7-13 | Verex caps and vials prevent sample loss and sample contamination. |
| | Verex 9 mm Black PP cap, nonslit w/ blue silicone/ clear PP liner | AR0-89N7-12 AR0-89N7-13 | |

| Designed for PFAS Product | Description | Part No. | Feature |
|---|-----------------------------------|-----------------------------|--|
|  | Verex 9 mm PP vial, clear, 300 µL | AR0-39P2-13 | Verex caps and vials prevent sample loss and sample contamination. |
| | Verex 9 mm PP vial, clear, 700 µL | AR0-39P1-13 | |
| | Verex 9 mm PP vial, clear, 1.7 mL | AR0-39P0-13 | |

More Products and Accessories for PFAS Analysis

| Product | Description | Part No. | Feature |
|--|---|-----------------------------|---|
|  | Delay Column Luna™ 5 µm C18(2), 30 x 3 mm | 00A-4252-Y0 | Luna C18(2) reduces interference from HPLC system contaminants. |
| | Luna 3 µm C18(2) 100A, 50 x 4.6 mm | 00B-4251-E0 | |
|     | Analytical Column(s) Luna Omega 3 µm, PS C18, 50 x 3 mm | 00B-4758-Y0 | A multi-modal, 100 % aqueous stable C18 HPLC column with a positive surface modification offers a unique selectivity and provides valuable increase in retention of acids through ionic/polar interactions. |
| | Luna Omega 3 µm Polar C18 100 Å, 100 x 2.1 mm | 00D-4760-AN | |
| | Luna Omega 1.6 µm C18 100 Å, 100 x 2.1 mm | 00D-4742-AN | |
| | Luna Omega 3 µm PS C18 100 Å, 100 x 2.1 mm | 00D-4758-AN | |
| | Kinetex™ EVO 5 µm, C18 100 x 2.1 mm | 00D-4633-AN | |
|   | Gemini™ 3 µm, 50 x 2 mm | 00B-4439-B0 | Ideal for analytical and preparative separations of basic and acidic compounds; high and low pH conditions (pH 1-12). |
| | Guards and Cartridges SecurityGuard™ Cartridge Kit for HPLC Columns | KJ0-4282 | A standard guard cartridge system that extends the lifetime of your HPLC column by capturing sample contaminants improving selectivity for early eluting PFAS compounds. |
| SecurityGuard Cartridges, PS C18, 4 x 2.0 mm ID | AJ0-7605 | | |
|  | Phenex™-NY 25mm syringe filters, 0.2 µm, non-sterile, luer/slip (Qty. 100) | AF0-1207-12 | Phenex filters are made with the highest-grade materials available to remove unwanted interferences in a variety of samples. They have been tested for quality and product integrity. |
| | Phenex-NY 25mm syringe filters, 0.2 µm, non-sterile, luer/slip (Qty. 500) | AF0-1207-52 | |

More Products and Accessories for PFAS Analysis (continued)

| | | | |
|---|---|--|--|
| <p>Guards and Cartridges</p>  | <p>SecurityGuard ULTRA cartridges for EVO-C18 UHPLC, sub-2 µm and Kinetex columns with 2.1 mm internal diameters (ID)</p> | <p>AJ0-9298</p> | <p>SecurityGuard ULTRA features extremely low dead-volume (<0.3 µL) that minimizes peak dispersion ensuring that ultra high efficiency chromatography is maintained. It leads to longer column lifetime with no loss in column performance.</p> |
| <p>Column Connector</p>  | <p>SecurityLINK™ SS 150 x 125 µm length with 10-32 fittings</p> | <p>AJ1-1521</p> | <p>A finger-tight fitting system simplifies column connections. Torque limiting technology prevents column and port damage from overtightening.</p> |
| <p>SPE Cartridge</p>  | <p>Strata™ SDB-L 500 mg/6 mL tubes</p> | <p>8B-S014-HCH</p> | <p>A rugged polymer sorbent that is pH stable from 1-14 and offers hydrophobic and aromatic selectivity for reversed phase applications. Recommended for EPA method 537.1.</p> |
| <p>SPE Cartridge</p>  | <p>Strata GCB 250 mg/6 cc tubes Strata GCB 25 mg pass-through cartridges</p> | <p>8B-S528-FCH 8B-S528-CAJ</p> | <p>Strata Graphitized Carbon Black (GCB) offers better retention of polar compounds compared to C8 and C18 silica products.</p> |
| <p>SPE Sample Reservoir</p> | <p>Empty SPE tubes, 60 cc, polypropylene</p> | <p>AH0-7005</p> | <p>Large volume tube that mounts onto 6 mL SPE cartridges. Used for loading large sample volumes.</p> |
| <p>Adaptor Cap</p> | <p>Adaptor cap for 1,3 and 6mL SPE tubes, w/ Luer tip, polyethylene</p> | <p>AH0-7191</p> | <p>Adaptor to interface between 6 mL SPE cartridges and large volume holder AH0-7005</p> |
| <p>Adaptor Cap</p> | <p>Adaptor cap for 12, 20, and 60 mL SPE tubes, w/ Luer tip, polyethylene</p> | <p>AH0-7379</p> | |
|  | <p>roQ™ QuEChERS dSPE Kit 15 mL CT - 900mg MgSO₄, 300mg PSA, 150mg GCB</p> | <p>KS0-9539</p> | <p>Recommended for the removal of unwanted interferences such as organic acids, lipids, pigments, sugars, and more.</p> |
| <p>96-well plate</p>  | <p>Strata-X-AW Polymeric Weak Anion, microelution 96-well plate, 2 mg/well</p> | <p>8M-S038-4GA</p> | <p>Features a weak anion-exchange functionalized polymeric sorbent that allows for complete retention of acidic compounds with a pK_a less than 5, making 100 % organic wash conditions possible.</p> |

Have questions about PFAS analysis? Contact our experts
www.phenomenex.com/chat

ISO 17043 Accredited Proficiency Testing and Quality Control Standards

| PFAS CRM | Description | Part Number | Feature and Benefit |
|---|---|------------------------------|--|
|  | Calibration Standard EPA 533 | AL0-101838 | Phenova™ PFAS CRMs are technical grade standards that include branched and linear isomers and have analytes listed as acids to make calculations easier. |
| | Calibration Standards EPA 537.1 | AL0-101839 | |
| | Calibration Standard EPA 537.1 / 533 | AL0-101840 | |
| PT Standards and Quality Control Mixes | | | |
|  | Proficiency Testing - WP EPA 1633 PFAS | PT-PFAS-WP | ISO 17043 accredited proficiency testing and quality control standards for PFAS analysis. |
| | Proficiency Testing - SOIL/HW EPA 1633 PFAS | PT-PFAS-SOIL | |
| | Proficiency Testing - WP EPA 537.1 / 533 | PT-PFAS-WS | |
|  | Quality Control WP EPA 1633 PFAS | QC-PFAS-WP | |
| | Quality Control - SOIL/HW EPA 1633 PFAS | QC-PFAS-SOIL | |
| | Quality Control -WP EPA 537.1 / 533 | QC-PFAS-WS | |
| | Rapid Return - WP EPA 1633 PFAS | RR-PFAS-WP | |
| | Rapid Return - WP EPA 537.1 / 533 PFAS | RR-PFAS-WS | |

For questions about ISO standards contact info@phenova.com

PFAS Technical Notes

[Analysis of Difluoroacetic Acid and Trifluoroacetic Acid in Drinking Water Sources](#)

[Evaluation of Extraction Options for EPA Draft Method 1633](#)

[Optimized Total Organic Fluorine Methods for a More Comprehensive Measurement of PFAS in Environmental Samples](#)

[Comparison of PFAS Recoveries Between Cartridge Format WAX/GCB vs. Dispersive GCB for DoD Compliance](#)

[Rapid LC-MS-MS Method for Monitoring Bio-Relevant Levels of PFAS in Serum](#)

[Reducing PFAS Interferences During Human Plasma and Serum Analysis with Accurate Mass Spectrometry](#)

[Identification and Quantification of PFAS in Food Contact Material](#)

[Measuring Per- and Polyfluoroalkyl Substances \(PFAS\) in Baby Formula Powder: A Quantitative LC-MS/MS Approach](#)

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