Analysis of PFAS by EPA Methods 533, 537.1, 1633, and 8327

Agilent PFAS standards for testing drinking water

Analysis of PFAS in drinking water

Per- and polyfluorinated substances (PFAS) are widely used in diverse products such as furniture, carpets, paper products, textiles, cookware, and firefighting foams. Also known as forever chemicals, this group of more than 5,000 synthetic chemicals are a concern because they do not break down in the environment. Found in water, air, fish, and soil worldwide, PFAS have been linked to harmful health effects in humans and animals.

When you're analyzing drinking water, success depends upon the quality of your reference materials. You can maximize confidence in your testing with Agilent PFAS testing standards. These standards are manufactured and certified in ISO Guide 17025 and 17034 accredited facilities.

- Agilent now offers standards required to run EPA Methods 533, 537.1, 1633, and 8327 for testing drinking water.
- Only a few manufacturers in the world can offer isotopically labeled standards needed for testing EPA PFAS methods. So, not all the suppliers offer full portfolio of standards for testing EPA Methods 533, 537.1, 1633, and 8327.
- Products are integrated with Consumables and Supplies Selection and Easy Ordering Guide for EPA Methods 533, 537.1, 1633, and 8327.
- With these mixtures, customers can now use Agilent as a single-source supplier for EPA Methods 533, 537.1, 1633, and 8327 PFAS workflows.

Did you know?

Agilent provides complete, end-to-end solutions for your PFAS workflow, including a broad range of consumables designed to support various testing methods. Our PFAS consumables ordering guide simplifies the process of finding the right supplies, helping you streamline your entire PFAS testing workflow.

Browse our PFAS consumables ordering guide and effortlessly find columns, standards, sample preparation products, and other PFAS testing supplies for your lab.

Explore now
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Easy ordering table:
PFAS method standards for drinking water testing

Here you'll find all the standards you need to test drinking water with EPA Methods 533 and 8327.

To simplify ordering even further, try our subscription service to set up deliveries of products you use regularly.

Part Number	Description	Analytes	Volume	Concentration	Matrix
PFS-537-APDS	Analyte primary dilution standard	18	1.2 mL	2000 ng/mL	MeOH
PFS-537-IPDS	Internal primary dilution standard	3	1.2 mL	Various ng/mL	MeOH
PFS-537-SPDS	Surrogate primary dilution standard	4	1.2 mL	Various ng/mL	MeOH
PFS-8327-TAM	8327 Target Analytes Mix	24	1.2 mL	2 µg/mL	MeOH
PFS-8327-SSM	8327 Surrogate Spiking Mix	19	1.2 mL	1 µg/mL	MeOH
PFS-533-NAS	533 Native Analyte Mix	27	1.2 mL	0.5 µg/mL	MeOH
PFS-533-IDS	533 Isotope Dilution PDS	16	1.2 mL	Various	MeOH
PFS-1633-NAM	EPA Method 1633 native PFAS mix	40	1 mL	10 µg/mL	MeOH

Applications

Application Note	Instrument	Publication Number
Analysis of Per/Polyfluoroalkyl Substances (PFAS) in Drinking Water by EPA 537.1 and EPA 533 Using the Agilent Ultivo Triple Quadrupole LC/MS	LC/MS	5994-1920EN
Extraction of Per/Polyfluoroalkyl Substances in Water Using Agilent Offline Solid Phase Extraction LC/MS	LC/MS	5994-0250EN
EPA Method 533 for Analysis of Per/Polyfluoroalkyl Substances in Drinking Water Using Agilent 6470 Triple Quadrupole LC/MS	LC/MS	5994-1628EN
Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous Samples Per EPA Method 1633	LC/MS	5994-5226EN
A Comprehensive Workflow for the Analysis of PFAS in Wastewater per EPA Method 1633	LC/MS	5994-6879EN

Learn more about our full offering of PFAS testing standards. Visit **www.agilent.com/chem/pfas-standards**

Put your lab on the fast track to comprehensive PFAS testing. Visit **www.agilent.com/chem/pfas-in-water**

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