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Solutions At Work™

Filter Vial
nano|Filter Vial®

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Reliable Filtration For PFAS Testing in Food

nano|Filter Vial® Key Features

1. **Minimal Sample Volume:** Only 10µL is required for a 2µL injection, allowing for optimal use of limited samples.
2. **PFAS Use:** Non-Slit Silicone & Polypropylene Septum
3. **Lower Volume Requirements:** In contrast to some competitor's requirement that may be minimum of 30µL, our vial allows you to work with just 10µL, making it a practical choice for precise food analysis.

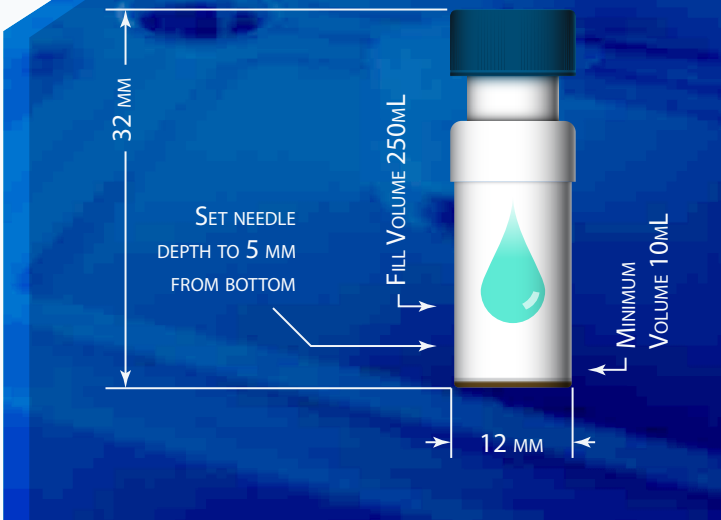
Why the nano|Filter Vial® is Essential for PFAS Testing?

Engineered to hold very low dead volume, enabling efficient filtration while retaining sufficient filtrate for a 2µL injection. This functionality is particularly beneficial for analyzing small food samples for PFAS contamination. The vials accommodate a maximum fill volume of 250µL, making them suitable for a variety of applications, including:

- **Monitoring synthesis reaction intermediates**
- **PFAS contamination**
- **Analysis of enzymes**
- **Peptide assessments**
- **DNA & RNA studies**
- **Testing saliva samples**

Accurate Sample Preparation for Toxicology Research

In the critical field of food safety, detecting harmful substances such as PFAS (per- and polyfluoroalkyl substances) is of critical importance. The Thomson nano|Filter Vial® is designed to provide an effective solution for low-volume sample filtration, specifically tailored for food and environmental research. With the capability to filter as little as 10µL of sample, this vial ensures that researchers can perform reliable analysis while minimizing waste.



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Quick & Straightforward

Simplifies the filtration process, enabling you to transition from unfiltered to filtered samples in just **15 seconds** while reducing your consumable footprint.

A Practical Alternative to Traditional Filtration Methods

By integrating this vial into your workflow, you can replace:

- **Centrifugation and Spin Filters**
- **Small Volume Syringe Filters**
- **Standard Syringes**
- **High Recovery Vials and Caps**
- **Inserts with HPLC Vials & Caps**

Simplicity & Compatibility

Consisting of just two components: a filter vial outer shell & plunger, when combined are the same size as a standard HPLC Vial and will fit easily into any machine or tray available for standard HPLC vials

Take Away

The Thomson nano|Filter Vial® is a critical resource for food and environmental safety, particularly when testing for PFAS.
For more information or to place an order, please reach out to us here: https://ht-slabs.com/

References: https://www.fda.gov/media/183867/download

Need Help? Flask Us Anything®

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800 541.4792
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Part Numbers

nano|Filter Vial® - PFAS Use, Nylon 0.2µm
Non-Slit SIL|PP Septum, Black Screw Cap
For samples down to 10µL, PFAS Applications
Part #: 931167 | **Qty/Case:** 10