PFAS OnePrep™

One Step Extraction, Cleanup, Concentration for Food, Packaging, and Solids

PFAS OnePrep provides a fast, high-throughput, multi-channel integrated workflow for PFAS sample preparation from food, soil, packaging materials, and other solid and semi-solid matrices.

The system combines pressurized heated extraction, matrix cleanup, PFAS purification, and concentration, reducing handling errors, analyte loss, and the potential for PFAS contamination during processing.

Extracts are processed through PFAS-Prep cartridges for matrix-specific cleanup and PFAS purification, followed by automated concentration for downstream LC-MS analysis.



PFAS OnePrep

Features

- **Fast:** Complete sample preparation in less than 2 hours
- **Real Time monitoring** pressure and temperature
- **High Throughput:** Process from 4 to 8 samples simultaneously
- **Integrated** extraction, cleanup, purification, and concentration
- **Matrix-specific cleanup** using PFAS-Prep cartridges, wax/Carbon PFAS purification
- **Direct in line** concentration to final volume
- **Simple workflow** for food, soil, and packaging materials

Benefits

- **Complete** Extraction + Cleanup + Purification + Concentration in one system
- **Significantly** reduces PFAS sample preparation time
- **Minimizes** manual handling and sample transfers
- **Reduces** PFAS contamination and analyte loss
- **Provides** clean, concentrated extracts for LC-MS analysis
- **Reduces** labor and increases laboratory productivity



Packaging | Wheat | Seafood | Soil | Meat

FMS

Complete Sample Preparation Solutions
For Dioxin & PFAS Analysis

www.fms-inc.com
617-393-2396