



## PFAS in Food Testing

Perfluoroalkyl and polyfluoroalkyl substances (PFAS) are a group of man-made chemicals that include: PFNA, PFOA, PFOS, GenX, and many other chemicals. PFAS have been manufactured and used in a variety of industries around the globe, including the United States since the 1940s. PFOA and PFOS have been the most extensively produced and studied of these chemicals. Both chemicals are very persistent in the environment and in the human body – meaning they don't break down and they can accumulate over time. There is evidence that exposure to PFAS can lead to adverse human health effects.

EMSL Analytical, Inc. can accept food samples for analysis and quantification of select PFAS compounds. Samples can be sent our Food Chemistry Division in Cinnaminson, New Jersey for analysis. Please see the various details.

**EMSL Test Code:** 21-PFAS

**Method:** C-010.02

**Certification:** None currently, information only

**Matrices:** All food types, beverages, and/or supplements

**Reporting Limit:** 0.2 ng/g

**Price:**

\$864 for a 2 week, per sample or individual ingredient  
\$1,296 for a 1 week, per sample or individual ingredient

**Target Sample Size:** 100 grams

**Sample Minimum:** 25 grams

**Sample Maximum:** 500 grams

**Sampling Container:** Client specific

**Shipping Requirements:** If perishable, then ship on ice but do not use blue ice

**Samples to be Sent to:**

EMSL Analytical, Inc.  
c/o Food Chemistry Division  
200 Route 130 North  
Cinnaminson NJ 08077

**Analytes to be Identified and Quantified:**

Perfluorobutanoic acid (PFBA)  
Perfluoropentanoic acid (PFPeA)  
Perfluorohexanoic acid (PFHxA)  
Perfluoroheptanoic acid (PFHpA)  
Perfluorooctanoic Acid (PFOA)  
Perfluorononanoic acid (PFNA)  
Perfluorodecanoic acid (PFDA)  
Perfluorobutanesulfonic acid (PFBS)  
Perfluoropentanesulfonic acid (PFPeS)  
Perfluorohexanesulfonic acid (PFHxS)  
Perfluoroheptanesulfonic acid (PFHpS)  
Perfluorooctanesulfonic acid (PFOS)  
Sodium dodecafluoro-3H-4,8-dioxanonoate (ADONA)  
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid (Gen X or HFPO-DA)  
9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)  
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)  
Perfluoroundecanoic acid (PFUda)  
Perfluorododecanoic acid (PFDoA)  
Perfluorotridecanoic acid (PFTrDA)  
Perfluorotetradecanoic acid (PFTeDA)

**NOTE:** Analysis will be performed on the actual samples submitted but we are not testing the packaging the samples are submitted in.