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: F726- PFAS20
Method: C-010.03
Certification: None currently, information only
Matrices: All food types, beverages, and/or supplements

Reporting Limit: 0.04 ng/g

Price:
$756 for a 2 week, per sample or individual ingredient
$1,135 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

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

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-dioxanonanoate (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)
Perfluorononanesulfonic acid (PFNS)
Perfluorodecanesulfonic acid (PFDS)
Perfluoroundecanesulfonic acid (PFUnDS)
Perfluorododecanesulfonic acid (PFDoS)
Perfluorotridecanesulfonic acid (PFTrDS)
Perfluorooctanesulfonamide (PFOSA)
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)
1H,1H, 2H, 2H-Perfluorododecane sulfonic acid (10:2 FTS)

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