

ANALYTICAL RESULTS: Perfluorinated Chemicals by EPA Method 537.1 Safe Drinking Water Analysis

Customer: Oshkosh Water Filtration Dept NLS Project: 394093 PO # 220599

Project Description: Compliance PFAS

Project Title: PWS# 47104574

Template: 537.1 Printed: 10/19/2022 14:34

Sample: 1342726 EP81 Collected: 10/06/22 Analyzed: 10/14/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Perfluorohexanoic acid (PFHxA)	[1.32]	ng/L	1	0.47	1.6		J
Perfluoroheptanoic acid (PFHpA)	[0.81]	ng/L	1	0.44	1.5		J
Perfluorooctanoic acid (PFOA)	[1.13]	ng/L	1	0.35	1.2		J
Perfluorononanoic acid (PFNA)	[0.34]	ng/L	1	0.30	0.98		J
Perfluorodecanoic acid (PFDA)	ND	ng/L	1	0.29	0.96		
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	1	0.26	0.85		
Perfluorododecanoic acid (PFDoA)	ND	ng/L	1	0.20	0.67		
Perfluorotridecanoic acid (PFTrIA)	ND	ng/L	1	0.38	1.3		
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	1	0.31	1.0		
Perfluorobutanesulfonic acid (PFBS)	[0.75]	ng/L	1	0.30	1.0		J
Perfluorohexanesulfonic acid (PFHxS)	[0.53]	ng/L	1	0.34	1.1		J
Perfluorooctanesulfonic acid (PFOS)	1.4	ng/L	1	0.31	1.0		
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	1	0.37	1.2		
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	1	0.54	1.8		
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	1	0.41	1.4		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	1	0.20	0.66		
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	1	0.33	1.1		
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	1	0.28	0.92		
C13-PFHxA (SURR)	91.1%		1				S
C13-HFPODA (SURR)	90.2%		1				S
C13-PFDA (SURR)	84.8%		1				S
d5-NEtFOSAA (SURR)	79.1%		1				S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.
 S = This compound is a surrogate used to evaluate the quality control of a method.

LOD is Level of Detection
 LOQ is Level of Quantification

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Template: 537.1 Printed: 10/19/2022 14:34

Sample: 1342727 EP81 FB Collected: 10/06/22 Analyzed: 10/14/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	ND	ng/L	1	0.47	1.6	
Perfluoroheptanoic acid (PFHpA)	ND	ng/L	1	0.44	1.5	
Perfluorooctanoic acid (PFOA)	ND	ng/L	1	0.35	1.2	
Perfluorononanoic acid (PFNA)	ND	ng/L	1	0.30	0.98	
Perfluorodecanoic acid (PFDA)	ND	ng/L	1	0.29	0.96	
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	1	0.26	0.85	
Perfluorododecanoic acid (PFDoA)	ND	ng/L	1	0.20	0.67	
Perfluorotridecanoic acid (PFTrIA)	ND	ng/L	1	0.38	1.3	
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	1	0.31	1.0	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/L	1	0.30	1.0	
Perfluorohexanesulfonic acid (PFHxS)	ND	ng/L	1	0.34	1.1	
Perfluorooctanesulfonic acid (PFOS)	ND	ng/L	1	0.31	1.0	
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	1	0.37	1.2	
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	1	0.54	1.8	
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	1	0.41	1.4	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	1	0.20	0.66	
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	1	0.33	1.1	
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	1	0.28	0.92	
C13-PFHxA (SURR)	92.9%		1			S
C13-HFPODA (SURR)	92.2%		1			S
C13-PFDA (SURR)	86%		1			S
d5-NEtFOSAA (SURR)	95%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.

LOD is Level of Detection

LOQ is Level of Quantification