

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

Customer: Wisconsin Department of Natural Resources

NLS Project: 396938 PO # 37000-0000022345

Project Description: PFAS Private Wells - Starks

Project Title: Template: 537.1 Printed: 12/20/2022 16:01

Sample: 1351626 JD850 Collected: 12/02/22 Analyzed: 12/06/22 - Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	Note
Perfluorohexanoic acid (PFHxA)	662	ng/L	25	12	40	
Perfluoroheptanoic acid (PFHpA)	235	ng/L	25	11	37	
Perfluorooctanoic acid (PFOA)	85	ng/L	25	12	41	
Perfluorononanoic acid (PFNA)	ND	ng/L	25	7.4	25	
Perfluorodecanoic acid (PFDA)	ND	ng/L	25	7.2	24	
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	25	6.4	21	
Perfluorododecanoic acid (PFDoA)	ND	ng/L	25	5.0	17	
Perfluorotridecanoic acid (PFTrIA)	ND	ng/L	25	9.5	32	
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	25	7.8	26	
Perfluorobutanesulfonic acid (PFBS)	ND	ng/L	25	7.5	25	
Perfluorohexanesulfonic acid (PFHxS)	ND	ng/L	25	8.5	28	
Perfluorooctanesulfonic acid (PFOS)	ND	ng/L	25	7.7	26	
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	25	9.2	31	
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	25	13	45	
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	25	10	34	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	25	5.0	17	
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	25	8.3	28	
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND	ng/L	25	6.9	23	
C13-PFHxA (SURR)	105%		25			S
C13-HFPODA (SURR)	98.8%		25			S
C13-PFDA (SURR)	103%		25			S
d5-NEtFOSAA (SURR)	101%		25			S

NOTES APPLICABLE TO THIS ANALYSIS:

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

IV = Initial extract is 10 mL.

Sample: 1351627 JD850.FB Collected: 12/02/22 Analyzed: 12/06/22 - 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	0.49	1.6	
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)	109%		1			S
C13-HFPODA (SURR)	102%		1			S
C13-PFDA (SURR)	105%		1			S
d5-NEtFOSAA (SURR)	99.2%		1			S

NOTES APPLICABLE TO THIS ANALYSIS:

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