

Table 1
PFAS and Associated Methods
Chemours Fayetteville Works, North Carolina

Analytical Method	Common Name	Chemical Name	CASN	Chemical Formula	Soil/Sediment (ng/g)	
					TestAmerica	Eurofins Lancaster
Table 3+ Lab SOP	PEPA	Perfluoroethoxypropyl carboxylic acid	267239-61-2	C5HF9O3	1.00	--
	PFECA-G	Perfluoro-4-isopropoxybutanoic acid	801212-59-9	C12H9F9O3S	1.00	--
	PFMOAA	Perfluoro-2-methoxyacetic acid	674-13-5	C3HF5O3	1.00	--
	PFO2HxA	Perfluoro(3,5-dioxahexanoic) acid	39492-88-1	C4HF7O4	1.00	--
	PFO3OA	Perfluoro(3,5,7-trioxaoctanoic) acid	39492-89-2	C5HF9O5	1.00	--
	PFO4DA	Perfluoro(3,5,7,9-tetraoxadecanoic) acid	39492-90-5	C6HF11O6	1.00	--
	PMPA	Perfluoromethoxypropyl carboxylic acid	13140-29-9	C4HF7O3	1.00	--
	Hydro-EVE Acid	Perfluoroethoxypropanoic acid	773804-62-9	C8H2F14O4	1.00	--
	EVE Acid	Perfluoroethoxypropionic acid	69087-46-3	C8HF13O4	1.00	--
	PFECA B	Perfluoro-3,6-dioxaheptanoic acid	151772-58-6	C5HF9O4	1.00	--
	R-EVE	R-EVE	NA ¹	C8H2F12O5	1.00	--
	PFO5DA	Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid	39492-91-6	C7HF13O7	1.00	--
	Byproduct 4	Byproduct 4	NA ¹	C7H2F12O6S	1.00	--
	Byproduct 6	Byproduct 6	NA ¹	C6H2F12O4S	1.00	--
	Byproduct 5	Byproduct 5	NA ¹	C7H3F11O7S	1.00	--
	NVHOS	Perfluoroethoxysulfonic acid	1132933-86-8	C4H2F8O4S	1.00	--
	PES	Perfluoroethoxyethanesulfonic acid	113507-82-7	C4HF9O4S	1.00	--
PFESA-BP1	Byproduct 1	29311-67-9	C7HF13O5S	1.00	--	
PFESA-BP2	Byproduct 2	749836-20-2	C7H2F14O5S	1.00	--	
EPA Method 537 Mod	HFPO-DA	Hexafluoropropylene oxide dimer acid	13252-13-6	C6HF11O3	0.25	3.0
	PFBA	Perfluorobutanoic acid	375-22-4	C4HF7O2	0.200	2.0
	PFDA	Perfluorodecanoic acid	335-76-2	C10HF19O2	0.200	0.60
	PFDoA	Perfluorododecanoic acid	307-55-1	C12HF23O2	0.200	0.60
	PFHpA	Perfluoroheptanoic acid	375-85-9	C7HF13O2	0.200	0.60
	PFNA	Perfluorononanoic acid	375-95-1	C9HF17O2	0.200	0.60
	PFOA	Perfluorooctanoic acid	335-67-1	C8HF15O2	0.200	0.60
	PFHxA	Perfluorohexanoic acid	307-24-4	C6HF11O2	0.200	0.60
	PFPeA	Perfluoropentanoic acid	2706-90-3	C5HF9O2	0.200	0.60
	PFTeA	Perfluorotetradecanoic acid	376-06-7	C14HF27O2	0.200	0.60
	PFTriA	Perfluorotridecanoic acid	72629-94-8	C13HF25O2	0.200	0.60
	PFUnA	Perfluoroundecanoic acid	2058-94-8	C11HF21O2	0.200	0.60
	PFBS	Perfluorobutanesulfonic acid	375-73-5	C4HF9SO	0.200	2.0
	PFDS	Perfluorodecanesulfonic acid	335-77-3	C10HF21O3S	0.200	0.60
	PFHpS	Perfluoroheptanesulfonic acid	375-92-8	C7HF15O3S	0.200	0.60
	PFHxS	Perfluorohexanesulfonic acid	355-46-4	C6HF13SO3	0.200	0.60
	PFNS	Perfluorononanesulfonic acid	68259-12-1	C9HF19O3S	0.200	0.60
	PFOS	Perfluorooctanesulfonic acid	1763-23-1	C8HF17SO3	0.500	0.60
	PFPeS	Perfluoropentanesulfonic acid	2706-91-4	C5HF11O3S	0.200	0.60
	10:2 FTS	10:2-fluorotelomersulfonic acid	120226-60-0	C12H5F21O3	0.200	2.0
	4:2 FTS	4:2 fluorotelomersulfonic acid	757124-72-4	C6H5F9O3S	2.00	2.0
	6:2 FTS	6:2 fluorotelomersulfonic acid	27619-97-2	C8H5F13SO3	2.00	2.0
	8:2 FTS	8:2 fluorotelomersulfonic acid	39108-34-4	C10H5F17O3S	2.00	3.0
	NEtFOSAA	NEtFOSAA	2991-50-6	C12H8F17NO4S	2.00	2.0
	NEtPFOSA	NEtPFOSA	4151-50-2	C10H6F17NO2S	0.200	2.0
	NEtPFOSAE	NEtPFOSAE	1691-99-2	C12H10F17NO3S	0.200	2.0
	NMeFOSAA	NMeFOSAA	2355-31-9	C11H6F17NO4S	2.00	2.0
	NMePFOSA	NMePFOSA	31506-32-8	C9H4F17NO2S	0.200	2.0
	NMePFOSAE	NMePFOSAE	24448-09-7	C11H8F17NO3S	0.200	2.0
	PFDOS	Perfluorododecanesulfonic acid	79780-39-5	C12HF25O3S	0.200	2.0
	PFHxDA	Perfluorohexadecanoic acid	67905-19-5	C16HF31O2	0.200	0.60
	PFODA	Perfluorooctadecanoic acid	16517-11-6	C18HF35O2	0.200	0.60
PFOSA	Perfluorooctanesulfonamide	754-91-6	C8H2F17NO2S	0.200	0.60	

Notes:

PQLs are as of January 2020

EPA - Environmental Protection Agency

ng/g - nanograms per gram

PFAS - per- and polyfluoroalkyl substances

PQL - practical quantitation limit

SOP - Standard Operating Procedure

-- - analysis is not offered

NA¹ - no CAS number assignedNA² - Eurofins Lancaster uses EPA Method 537 Mod for these analytes. See EPA Method 537 Mod list for the associated PQL.NA³ - Table 3+ Method is used by TestAmerica for these analytes. See Table 3+ list for the associated PQL.

*Depending on the laboratory, HFPO-DA may also appear on the EPA Method 537 Mod analyte list