

109.5 - Perfluorinated and Polyfluorinated Alkyl Substances (PFAS)

The table below has the following abbreviations for the Perfluorinated and Polyfluorinated Alkyl Substances:

Perfluorodecanoic acid (PFDA) Perfluorobutane sulfonate (PFBS) Perfluorobutanoic acid (PFBA) Perfluorododecanoic acid (PFDoA) Perfluoroheptanoic acid (PFHpA) Perfluorohexane sulfonate (PFHxS) Perfluorohexanoic acid (PFHxA) Perfluorononanoic acid (PFNA) Perfluorooctane sulfonamide (PFOSA) Perfluorooctane sulfonate (PFOS)
 Perfluorooctanoic acid (PFOA) Perfluoropentanoic acid (PFPeA) Perfluorotetradecanoic acid (PFTA) Perfluorotridecanoic acid (PFTriA) Perfluoroundecanoic acid (PFUnA) Perfluoropropanesulfonic Acid (PFPrS), Perfluoropentanesulfonic Acid (PFPeS), Perfluoroheptanesulfonic Acid (PFHpS), Perfluorobutane Sulfonamide (PFBSA), Perfluorohexane Sulfonamide (PFHxSA), 6:2 Fluorotelomer Sulfonic Acid (6:2 FTS), Perfluorohexane Sulfonamido Amine (N-AP-FHxSA), N-[3-(perfluoro-1-hexanesulfonamido)propan-1-yl]-N,N,N-trimethylammonium (N-TAmP-FHxSA), 6:2 Fluorotelomer Sulfonamide Propyl Betaine (6:2 FTAB)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Concentrations are expressed as mass fractions, µg/kg (unless noted by an asterisk * for mg/kg)

SRM	Description	Unit Size	6:2 FTS	6:2 FTAB	N-AP-FHxSA	N-TAmP-FHxSA	PFBA	PFBS	PFBSA	PFDA	PFDoA	PFHpA	PFHpS	PFHxA	PFHxS	PFHxSA	PFNA	PFOA	PFOS	PFOSA	PFPeA	PFPeS	PFPrS	PFTA	PFTriA	PFUnA
1936	Great Lakes Sediment	50 g																	0.778							
1947	Lake Michigan Fish Tissue	5 x 8 grams								(0.26)							(0.2)		(5.9)						(0.2)	(0.28)
1950	Metabolites in Frozen Human Plasma	5 vials x 1 mL								0.315				3.19			0.705	3.21	10.43							0.182
1957	Organic Contaminants in Non-Fortified Human Serum (Freeze-Dried)	5 vials x 10.7 mL								0.39		0.305		4.00			0.878	5.00	21.1							0.172
1958	Organic Contaminants in Fortified Human Serum (Freeze-Dried)	5 vials x 10.7 mL												2.66		0.66	4.11	16.6								
2585	Organic Contaminants in House Dust	10 g					230				34.6	249		260	1440	99.4			2310							29.4
2586	Trace Elements in Soil Containing Lead From Paint (Nominal Mass Fraction of 500 mg/kg Lead)	55 g																	3.41							
2781	Domestic Sludge	40 g									7.96		13	9.39				28.5	225	6.31						
8446	Perfluorinated Carboxylic Acids and Perfluorooctane Sulfonamide in Methanol	4 x 1.2 mL					43*			58.1*	59.5*	76*		59.1*			63*	54.8*		66.9*	60.9*			58*	62.9*	62.8*
8447	Perfluorinated Sulfonic Acids in Methanol	3 x 1.2 mL								42.3*					55.2*				56.6*							
8690	PFAS in Aqueous Film-Forming Foams (AFFF) Formulation I	4 x 1.2 mL	0.222*	2.50*	9.12*	0.293*	0.104*	0.473*	0.0356*		0.0918*	0.315*	0.295*	2.64*	0.035*		0.317*	19.4*			0.409*	0.302*				
8691	PFAS in Aqueous Film-Forming Foams (AFFF) Formulation II	4 x 1.2 mL	56	2.27			7.45	0.95						15.3				26								
8692	PFAS in Aqueous Film-Forming Foams (AFFF) Formulation III	4 x 1.2 mL	34.3	14.4			20.6	0.94						9.4												
8693	PFAS in Aqueous Film-Forming Foams (AFFF) Formulation IV	4 x 1.2 mL	15.1*	2.55*			0.0502*	0.0291*						0.151*												

- Certified values are normal font
- Non-certified or reference values are italicized
- Non-certified values in parentheses are for information only