

**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	
<a href="#">1936</a>	Great Lakes Sediment	50 g																	0.778								
<a href="#">1947</a>	Lake Michigan Fish Tissue	5 x 8 grams								(0.26)							(0.2)		(5.9)					(0.2)	(0.28)		
<a href="#">1950</a>	Metabolites in Frozen Human Plasma	5 vials x 1 mL								0.315				3.19		0.705	3.21	10.43								0.182	
<a href="#">1957</a>	Organic Contaminants in Non-Fortified Human Serum (Freeze-Dried)	5 vials								0.39		0.305		4.00		0.878	5.00	21.1								0.172	
<a href="#">1958</a>	Organic Contaminants in Fortified Human Serum (Freeze-Dried)	5 vials												2.66		0.66	4.11	16.6									
<a href="#">2585</a>	Organic Contaminants in House Dust	10 g					230				34.6	249		260	1440	99.4		2310							29.4		
<a href="#">2586</a>	Trace Elements in Soil Containing Lead From Paint (Nominal Mass Fraction of 500 mg/kg Lead)	55 g																	3.41								
<a href="#">2781</a>	Domestic Sludge	40 g										7.96	13	9.39			28.5	225	6.31								
<a href="#">8446</a>	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*	
<a href="#">8447</a>	Perfluorinated Sulfonic Acids in Methanol	3 x 1.2 mL						42.3*							55.2*				56.6*								
<a href="#">8690</a>	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*
<a href="#">8691</a>	PFAS in Aqueous Film-Forming Foams (AFFF) Formulation II	4 x 1.2 mL	56	2.27			7.45	0.95						15.3			26										
<a href="#">8692</a>	PFAS in Aqueous Film-Forming Foams (AFFF) Formulation III	4 x 1.2 mL	34.3	14.4			20.6	0.94						9.4													
<a href="#">8693</a>	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