

PFAS Methods – Standardized

Analytical methods for PFAS are defined by various standards. The following is a list of typical standards, as well as our applicable instruments.

For more information,
Per- and Polyfluoroalkyl Substances (PFAS):
[SHIMADZU \(Shimadzu Corporation\)](#)



	Method									
	EPA					ASTM		Others		
	537 537.1	533	8327	Draft 1633	Draft 1621	D8421-22	D7968-19	ISO 21675	MHLW	MOE
Sample	Drinking water		Ground/ Surface/ Wastewater	Aqueous/ Solid (soil, biosolids, sediment)/ Tissue samples	Aqueous water	Aqueous water (municipal and industrial wastewater, leachate)	Soil/ Sediment/ Sludge	Aqueous water	Drinking water	Aqueous water
Sample preparation	Solid phase extraction (polymeric sorbent)	Solid phase extraction (anionic sorbent)	Cosolvation + Direct injection	Solid phase extraction (anionic sorbent) + Clean-up	Carbon collection + CIC	Cosolvation + Direct injection	Solvent extraction + Direct injection	Solid phase extraction (anionic sorbent) + Clean-up	Solid phase extraction (anionic sorbent)	
Target compounds	EPA 537-14 EPA 537.1-18	25	24	40	Adsorbable organic fluorine	44	21	-	PFOS, PFOA	
Applicable LC-MS/MS platforms	LCMS-8045		LCMS-8045		Combustion equipment and HIC-ESP	LCMS-8050			LCMS-8050	
LCMS-8050			LCMS-8060			LCMS-8060			LCMS-8060	
LCMS-8060NX			LCMS-8060NX			LCMS-8060NX			LCMS-8060NX	

