New Perfluorooctanoic Acid & Derivatives (PFOAs)

All Products Manufactured & Tested under ISO 9001:2000 and ISO 17025

PFOAs (Perfluorooctanoic Acid) result from the thermal and biological decomposition of Fluoropolymers. These breakdown products have been determined to bioaccumulate and are highly persistent. This has resulted in the EPA's indicating the potential need for concern and the necessity for additional analytical testing and monitoring.

Responding to the need of Standards for such breakdown products, AccuStandard is providing to researchers a line of the most commonly requested PFOAs. The AccuStandard Synthesis Department has the capability to synthesize others not currently in the product line if a researcher has the requirement for their research.

Perfluorooctanoic Acid, also commonly referred to by its acronym PFOA, is a synthetic chemical that is not naturally occuring in the environment. PFOA is used to refer to not only the Perfluorooctanoic Acid, but also its principal salts and Perfluorooctane sulfonate (PFOS). These groups of compounds are typically used to aid in the manufacturing of fluoropolymers. These polymers have valuable properties of fire resistance, oil, stain and grease repellence. They are also commonly used in fire fighting foams. Fluorotelomers will thermally and biologically decompose to form the PFOAs.
Recent studies by the EPA have indicated the potential need for concern and the necessity for additional analytical testing and monitoring. PFOAs have been determined to bioaccumulate and are highly persistent. Continued testing has shown that this class of compounds is widely distributed in the environment. Toxicological studies have shown that exposure to PFOAs can result in developmental/reproductive toxicity, liver damage and possibly cancer.

PFOAs		
	Matrix	**Cat. No.**
Perfluoroctanoic acid	100 mg	PFOA-001N
	100 µg/mL in MeOH	PFOA-001S
Perfluorooctane sulfonic acid	100 mg	PFOS-001N
	100 µg/mL in MeOH	PFOS-001S
Potassium perfluorooctanesulfonate	100 mg	PFOS-002N
	100 µg/mL in MeOH	PFOS-002S
Scotchgard[a] PFOS Formulation (Tech mix)	100 µg/mL in MeOH	PFOS-SCG-001S
Scotchgard[a] New (2002) Formulation (Tech mix)	100 µg/mL in MeOH	PFOS-SCG-002S