

Certificate of Analysis

Reference Material & Standard

Product Name:	Stable Isotope Labeled PFAS Mix 13	Catalogue Number:	MCEM591192
Appearance:	Colourless Liquid	Lot Number:	0130-RH-0001
Solvent:	Methanol	Storage:	-20°C±5°C Protected from light and Sealed
Expiry Date:	Dec 09, 2027	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:

Warning:



N/A

NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (%)
1	Perfluorooctanesulfonate-13C4 sodium salt	960315-53-1	2.0	5
2	Heptafluorobutyric acid-13C4	1017281-29-6	2.0	5
3	Perfluorovaleric acid-13C5	2283397-79-3	2.0	5
4	Perfluoroheptanoic acid-13C4	2328024-55-9	2.0	5
5	Perfluorododecanate-13C2	960315-52-0	2.0	5
6	Perfluorotetradecanoic acid-13C2	2708218-82-8	2.0	5
7	Perfluorobutanesulfonic acid-13C3 sodium salt	2708218-84-0	2.0	5
8	Perfluorooctanoic acid-13C4	960315-48-4	2.0	5
9	Perfluorodecanoic acid-13C2	960315-50-8	2.0	5
10	Perfluorononanoic acid-13C5	960315-49-5	2.0	5
11	Perfluorohexanoic acid-13C2	960315-47-3	2.0	5
12	Sodium Perfluorohexanesulfonate-18O2	1585941-14-5	2.0	5
13	Perfluoroundecanoic acid-13C2	960315-51-9	2.0	5

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Jan 30, 2026

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