

Certificate of Analysis

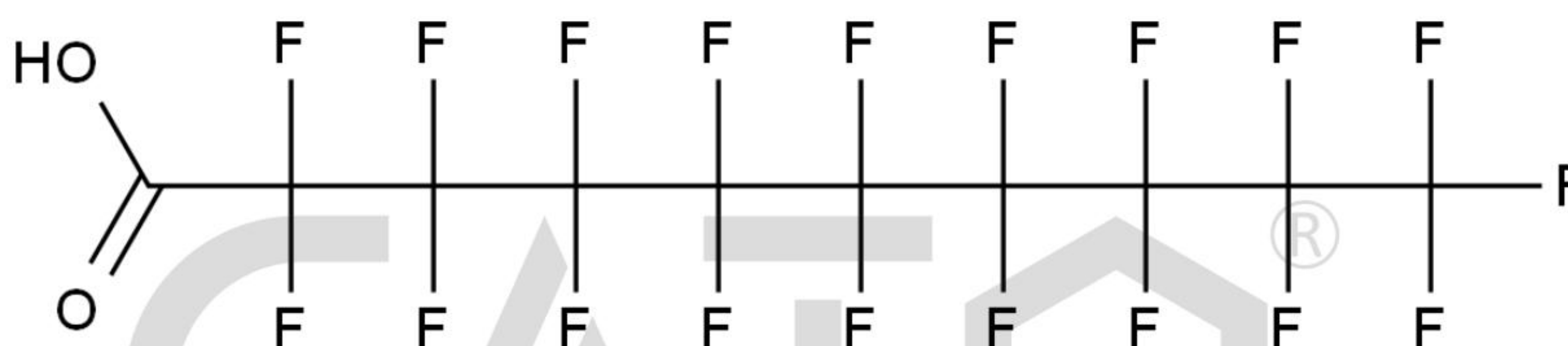
Reference Material & Standard

Product Name:	Perfluorodecanoic Acid	Catalogue Number:	CCHM700581
Synonyms:	N/A	Lot Number:	0417-RH-0153
CAS Number:	335-76-2	Expiry Date:	Apr 16, 2030
Molecular Formula:	C ₁₀ HF ₁₉ O ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	514.08	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&FNMR	Confirmed
Purity	ELSD	87.134%
Water Content	Karl Fischer	1.6859%
Assay		85.7%
Uncertainty		±2.3%

Comment:

1. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity ELSD (%) / 100%

Water Content is considered as absolute effect, ELSD purity is considered as relative effect.

2. 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:

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Approved by General Manager:

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Date: Apr 17, 2026

Date: Apr 20, 2026

Date: Apr 20, 2026



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