

Certificate of Analysis

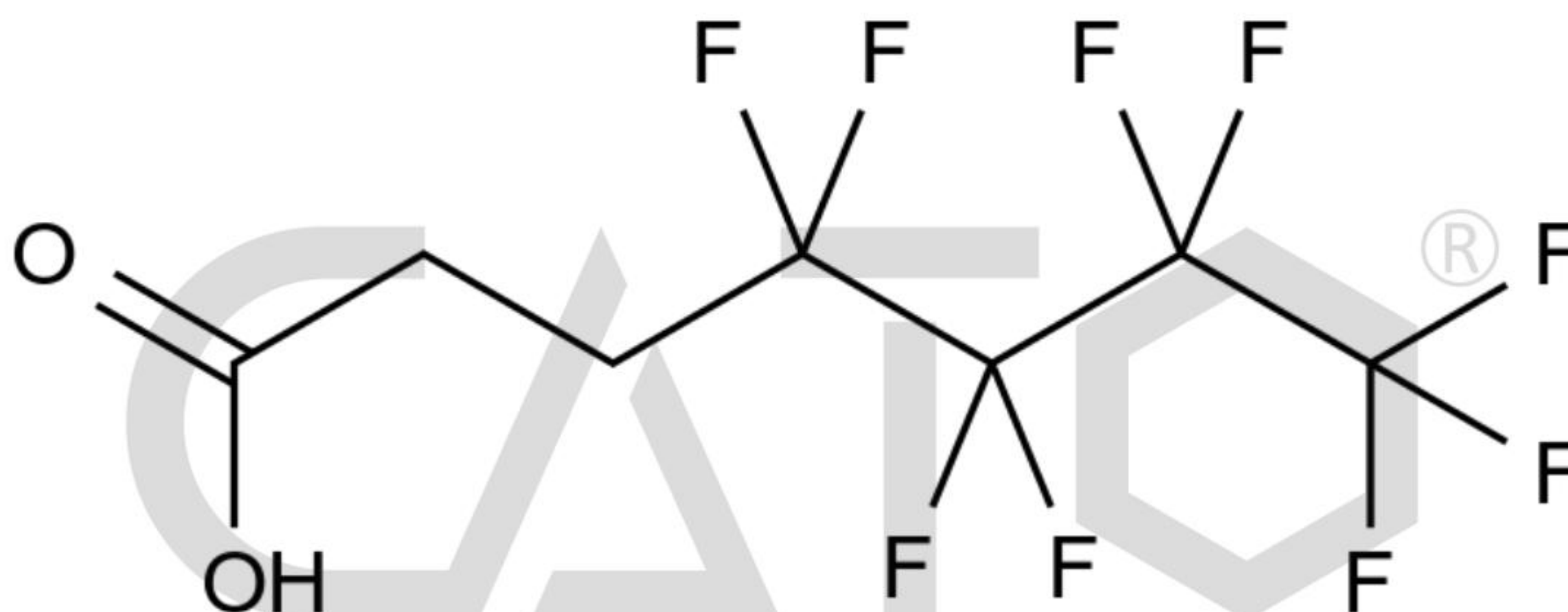
Reference Material & Standard

Product Name:	4,4,5,5,6,6,7,7,7-Nonafluoroheptanoic Acid	Catalogue Number:	C1704482
Synonyms:	N/A	Lot Number:	0226-RH-0019
CAS Number:	80705-13-1	Expiry Date:	Nov 06, 2029
Molecular Formula:	C ₇ H ₅ F ₉ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	292.10	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&FNMR&HNMR	Confirmed
Purity	GC	99.6%
Uncertainty		±0.1%

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:

Reviewed by:

Approved by General Manager:

Date: Feb 28, 2026

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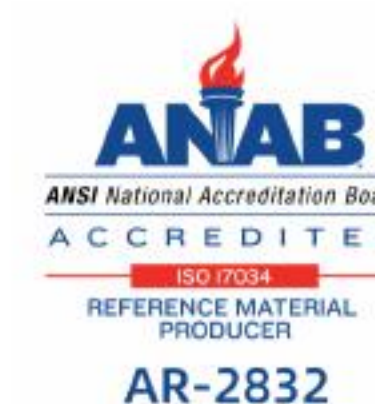
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