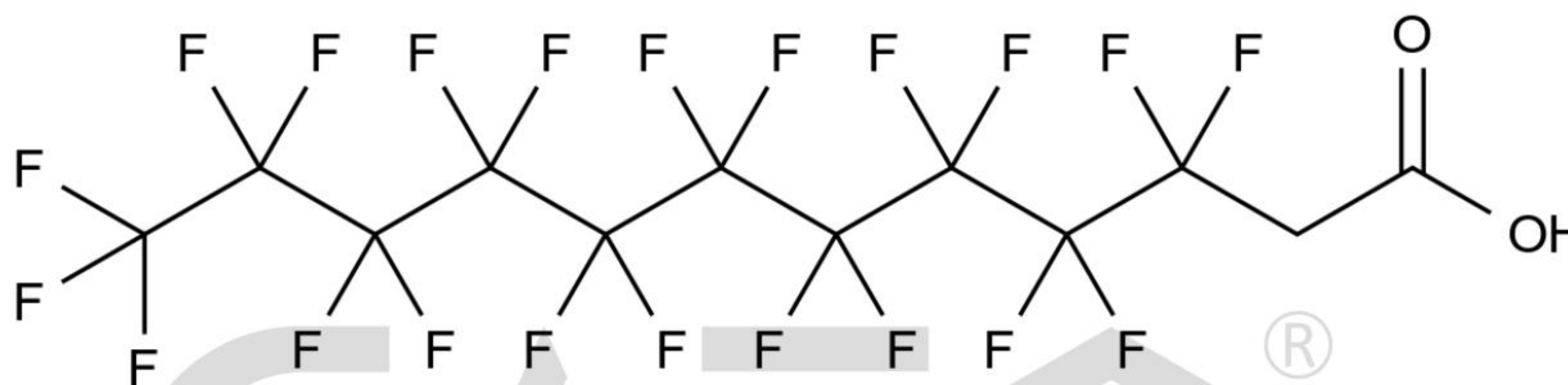


Certificate of Analysis

Reference Material & Standard

Product Name:	2H,2H-Perfluorododecanoic acid	Catalogue Number:	CCHM705682
Synonyms:	N/A	Lot Number:	0620-RG-0003
CAS Number:	53826-13-4	Expiry Date:	Jul 14, 2028
Molecular Formula:	C ₁₂ H ₃ F ₂₁ O ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	578.12		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Assay	qNMR	97.6%
Uncertainty		±3.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
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:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jun 23, 2025

Date: Jun 24, 2025

Date: Jun 24, 2025

