

Certificate of Analysis

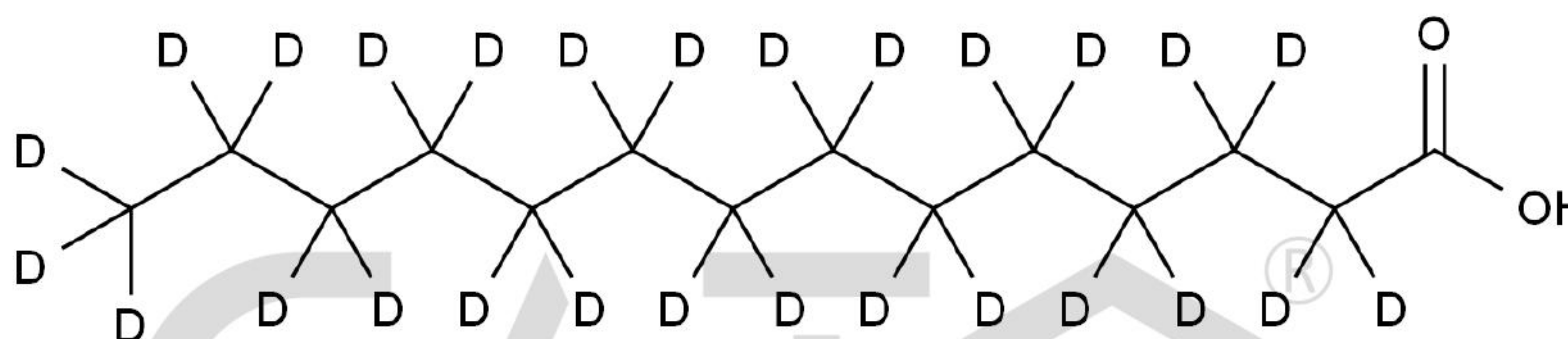
Reference Material & Standard

Product Name:	Tetradecanoic-d27 Acid	Catalogue Number:	CCHM702119
Synonyms:	N/A	Lot Number:	1026-RD-0044
CAS Number:	60658-41-5	Expiry Date:	Oct 06, 2026
Molecular Formula:	C ₁₄ HD ₂₇ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	255.54	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&HNMR	Confirmed
Chemical Purity	GC	98.8%
Isotopic Purity		98.7%
Uncertainty		±0.2%

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:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 29, 2025

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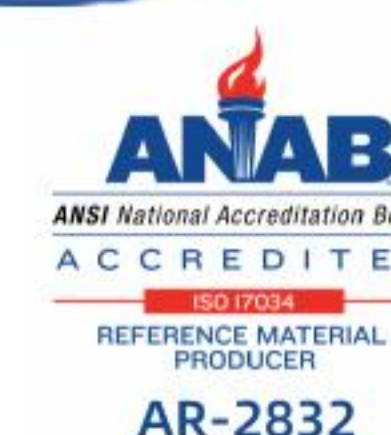
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