

Certificate of Analysis

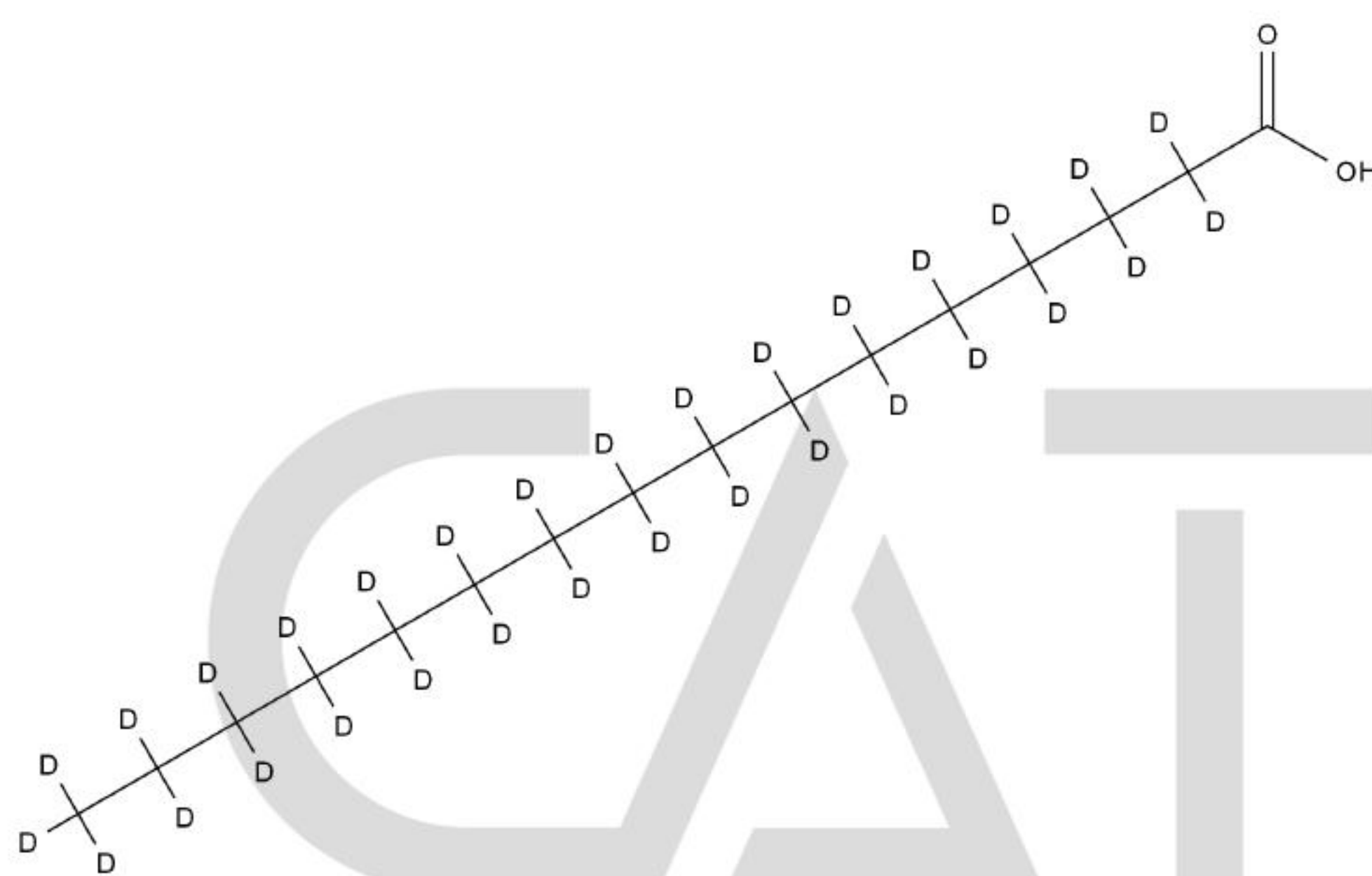
Reference Material & Standard

Product Name:	Hexadecanoic-d31 Acid	Catalogue Number:	CCHM704215
Synonyms:	N/A	Lot Number:	1104-RG-0031
CAS Number:	39756-30-4	Expiry Date:	Jun 19, 2028
Molecular Formula:	C ₁₆ HD ₃₁ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	287.62	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	HNMR	Confirmed
Chemical Purity	GC	99.1%
Isotopic Purity		98.9%
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:

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Reviewed by:

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Approved by General Manager:

David

Date: Nov 06, 2025

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