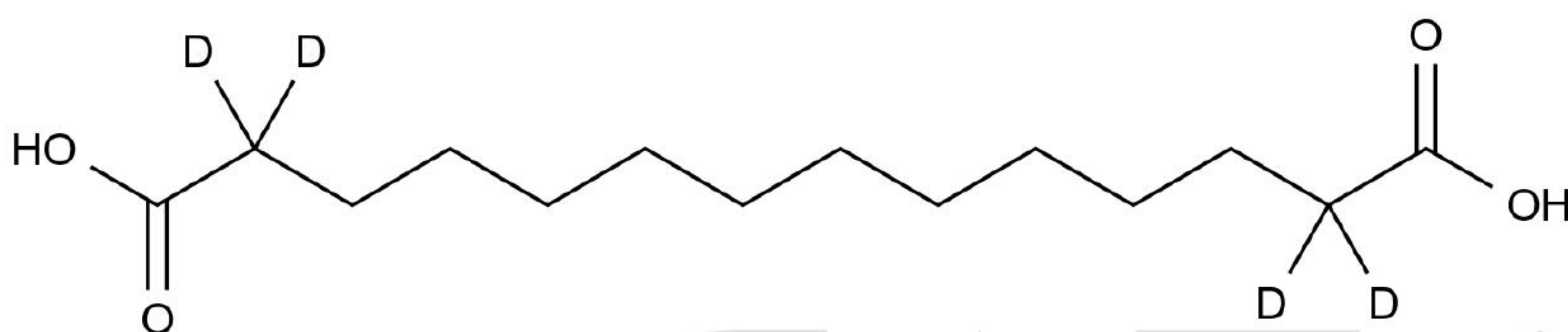


Certificate of Analysis

Reference Material & Standard

Product Name:	1, 14-tetradecanedioic-2, 2, 13, 13-d4 acid	Catalogue Number:	CCFD202089
Synonyms:	N/A	Lot Number:	1023-RE-0095
CAS Number:	N/A	Expiry Date:	Oct 26, 2027
Molecular Formula:	C14H22D4O4	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	262.38		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	ELSD	93.3%
Isotopic Purity		99.0%
Uncertainty		±2.0%

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

Aporoved by General Manager:

David

Date: Oct 30, 2023

Date: Oct 30, 2023

Date: Oct 30, 2023

