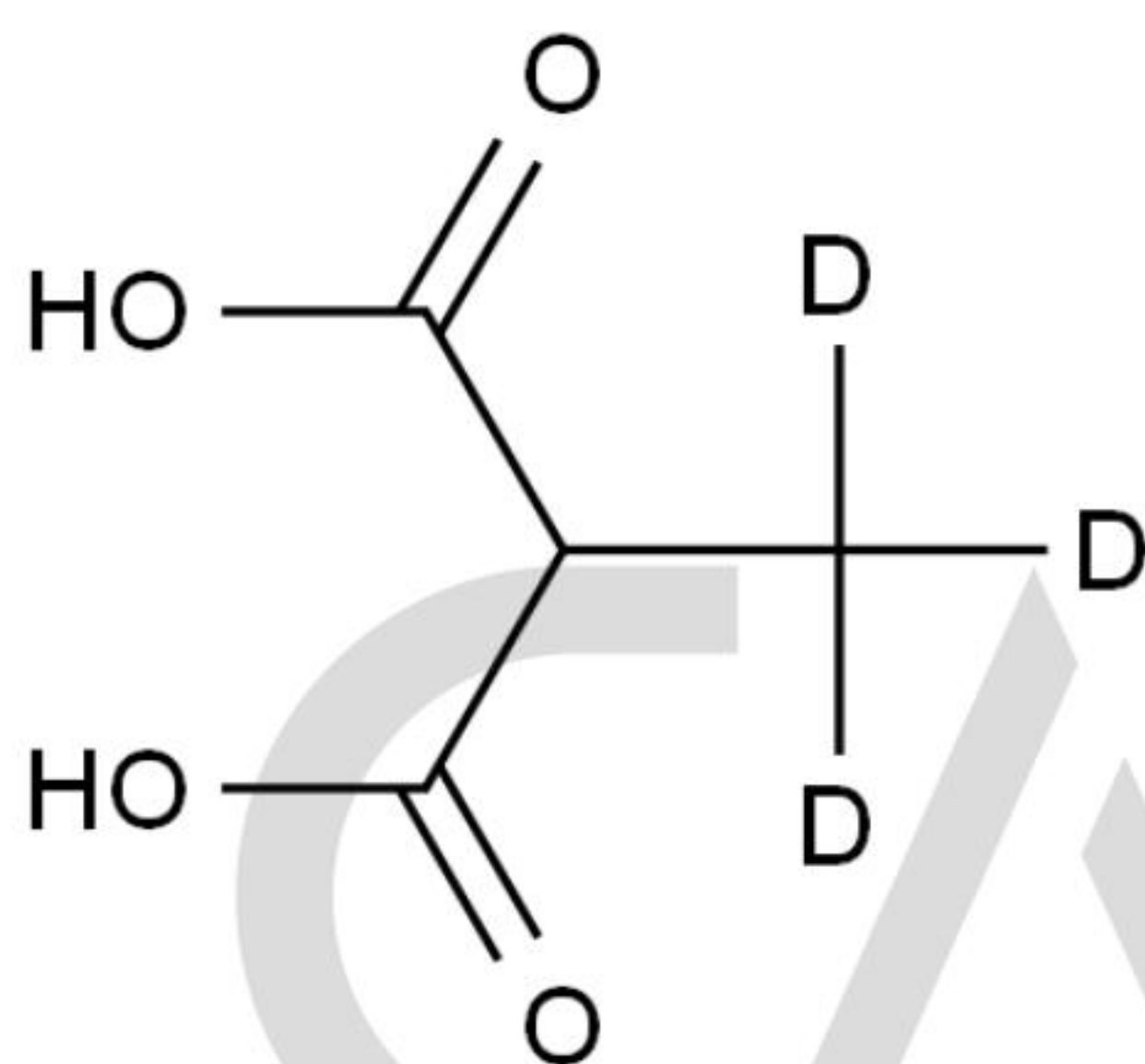


Certificate of Analysis

Reference Material & Standard

Product Name:	Methylmalonic Acid-d3	Catalogue Number:	CCHM702915
Synonyms:	N/A	Lot Number:	0427-RH-0136
CAS Number:	42522-59-8	Expiry Date:	Dec 03, 2028
Molecular Formula:	C ₄ H ₃ D ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	121.11	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	NMR	98.0%
Isotopic Purity		99.63%(D3: 98.88%; D2:1.12%)
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:

Jim

Approved by General Manager:

David

Date: Apr 28, 2026

Date: Apr 28, 2026

Date: Apr 28, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

