



CERTIFICATE OF ANALYSIS

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1. Identification

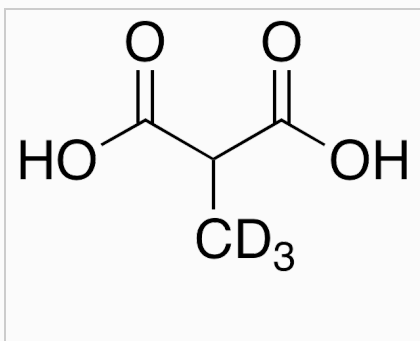
Catalogue Number: M318862

CAS Number: 42522-59-8

Product: Methylmalonic Acid-d3

Synonym: Methyl-d3-propanedioic Acid; 2-Methyl-d3-propanedioic Acid; 1,1-Ethanedicarboxylic Acid-d3; Isosuccinic Acid-d3; NSC 2520-d3;

Structure:



Molecular Formula:

C₄H₃D₃O₄

Molecular weight:

121.11

Source of Product:

Synthetic

Solubility:

CD3OD (Slightly)

Lot Number: 14-QIU-175-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
HPLC Purity	Report Result	99.74%
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.9%

Additional Information:

Normalized Intensity: d0 = 0.00%, d2 = 0.27%, d3 = 99.73%***14-QIU-175-1 was tested under CDN lot BC-266*** ***Material was manufactured at CDN Isotopes, an affiliate of TRC***

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Neha Khanna	Toni Rantanen	Chanell Chu	11/4/2021	11/2/2025