



CERTIFICATE OF ANALYSIS

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1. Identification

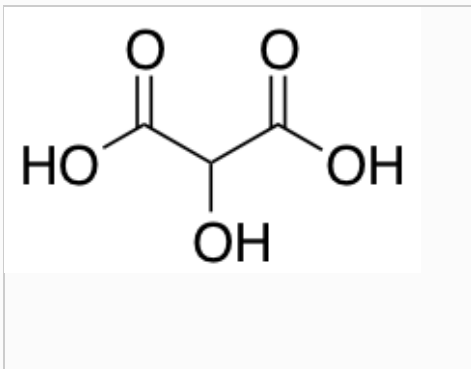
Catalogue Number: H531550

CAS Number: 80-69-3

Product: Hydroxymalonic Acid

Synonym:

Structure:



Molecular Formula:

C₃H₄O₅

Molecular weight:

120.06

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Lot Number: 19-JPO-193-1

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

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 29.87, %H: 3.38

MS

Conforms to Structure

Conforms

HPLC Purity

Report Result

100.00% (ELSD)

Additional Information:

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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

Henry Tieu

Toni Rantanen

Chanell Chu

6/22/2021

6/20/2025