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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2031

Product Name: L-Malic acid

Identification:

Chemical Name: (S)-Hydroxybutanedioic acid

Synonyms : L-(-)-Apple Acid ; L-(-)-Malic Acid

CAS Number : 97-67-6

CAT Number : CP-CS5397

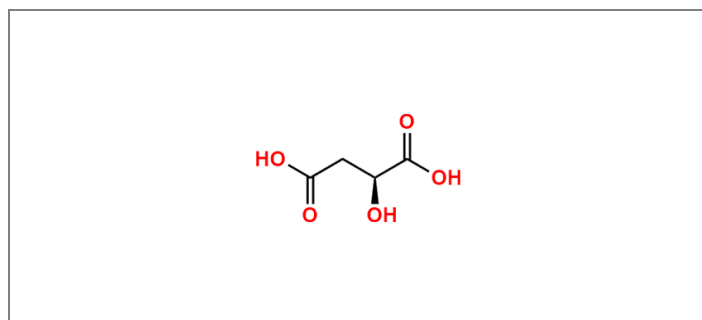
Molecular Formula : C₄H₆O₅

Molecular Weight : 134.09

Batch Number : CP-MAL-ACI-1125

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in D2O/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By ELSD	99.99%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.095%
9)	Potency by TGA	99.89%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.