



CERTIFICATE OF ANALYSIS

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1. Identification

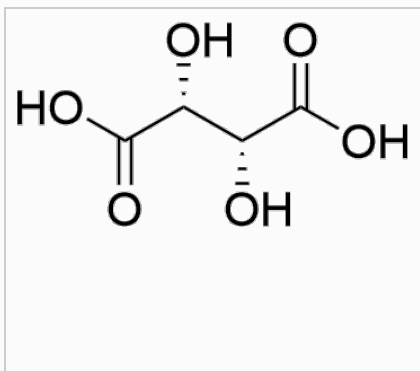
Catalogue Number: T007630

CAS Number: 87-69-4

Synonym: (2R,3R)-2,3-Dihydroxybutanedioic Acid; (+)-(2R,3R)-Tartaric Acid; (+)-(R,R)-Tartaric Acid; (+)-L-Tartaric Acid; (+)-Tartaric Acid; (2R,3R)-(+)-Tartaric Acid; (2R,3R)-2,3-Dihydroxysuccinic Acid; (2R,3R)-2,3-Dihydroxysuccinic Acid; (2R,3R)-Tartaric Acid; (R,R)-(+)-Tartaric Acid; (R,R)-Tartaric Acid; 1,2-Dihydroxyethane-1,2-dicarboxylic Acid; 2,3-Dihydroxybutanedioic Acid; 2,3-Dihydroxysuccinic Acid; Dextrotartaric Acid; Dihydroxysuccinic Acid; E 334; L-(+)-Tartaric Acid; L-Tartaric Acid; NSC 62778

Product: L-(+)-Tartaric Acid

Structure:



Molecular Formula:

C₄H₆O₆

Molecular weight:

150.09

Source of Product:

N/A

Solubility:

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

Lot Number: 10-FGD-066-1

Purity: 97%

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
Elemental Analysis	Conforms	%C: 32.13, %H: 3.99
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+15.5° (c = 1.0, Water)
HPLC Purity	Report Result	97.32% (210 nm)

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 ± 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
Sarbjeeet Kaur	Toni Rantanen	Chanell Chu	9/13/2022	9/11/2026
				