



CERTIFICATE OF ANALYSIS

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1. Identification

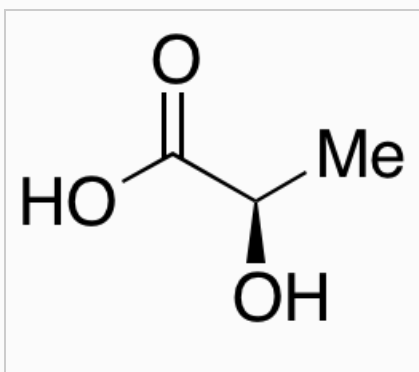
Catalogue Number: L113485

CAS Number: 10326-41-7

Product: D-Lactic Acid

Synonym: (-)-Lactic Acid; (2R)-2-Hydroxypropanoic Acid; (R)-(-)-Lactic Acid; (R)-2-Hydroxypropanoic Acid; (R)-2-Hydroxypropionic Acid; (R)-Lactic Acid; (R)- α -Hydroxypropionic Acid; D-(-)-Lactic Acid; D-Lactic Acid; L-Lactic Acid

Structure:



Molecular Formula:

C₃H₆O₃

Molecular weight:

90.08

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water (Soluble)

Lot Number: 20-SBL-88-1

Purity: N/A

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:
Elemental Analysis	Conforms	%C: 39.56, %H: 6.91
Appearance	Colourless to Pale Yellow Oil	Clear Colourless Oil
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+21.8° (c = 1.0, Water)
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms

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
Neha Khanna	Toni Rantanen	Chanell Chu	12/14/2021	12/12/2025