



CERTIFICATE OF ANALYSIS

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1. Identification

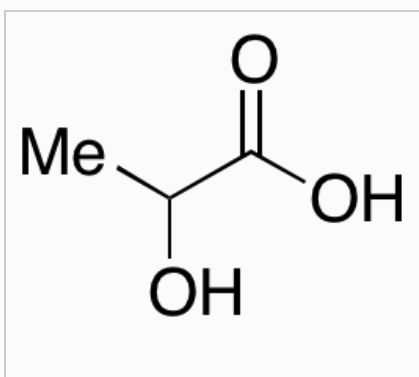
Catalogue Number: L113490

CAS Number: 50-21-5

Product: DL-Lactic Acid (90%)

Synonym: Lactic Acid; (±)-Lactic Acid; 2-Hydroxy-2-methylacetic Acid; 2-Hydroxypropanoic Acid; 2-Hydroxypropionic Acid; Biolac; Chem-Cast; DL-Lactic Acid; E 270; HiPure 88; Lurex; Milk acid; NSC 367919; Purac FCC 80; Purac FCC 88; Purac HS 88; Tonsillozan; dl-Lactic Acid; α-Hydroxypropanoic Acid; α-Hydroxypropionic Acid

Structure:



Molecular Formula:

C₃H₆O₃

Molecular weight:

90.08

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water (Sparingly)

Lot Number: 13-FGD-82-1

Purity: 90%

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	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 35.16, %H: 7.15
C NMR	Conforms to Structure	Conforms
MS	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 ± 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
swathi reddy	Toni Rantanen	Chanell Chu	6/26/2023	6/24/2027