

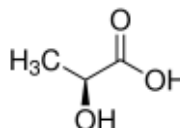
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Product Specification

Product Name:
L-(+)-Lactic acid - BioXtra, ≥98% (titration)

Product Number: L6402
CAS Number: 79-33-4
MDL: MFCD00064266
Formula: C₃H₆O₃
Formula Weight: 90.08 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
1 M at 20 deg C	
Ammonia (NH ₃)	≤ 0.05 %
Residue on ignition (Ash)	≤ 0.1 %
Chloride Content	≤ 0.05 %
Insoluble matter	≤ 0.1 %
Aluminum (Al)	≤ 0.0005 %
Lead (Pb)	≤ 0.001 %
Phosphorus (P)	≤ 0.005 %
Calcium (Ca)	≤ 0.0005 %
Magnesium (Mg)	≤ 0.0005 %
Sodium (Na)	≤ 0.005 %
Copper (Cu)	≤ 0.0005 %
Iron (Fe)	≤ 0.0005 %
Zinc (Zn)	≤ 0.0005 %
Potassium (K)	≤ 0.005 %
Purity (Titration by NaOH)	≥ 98 %
Sulfate	≤ 0.05 %

Specification: PRD.0.ZQ5.10000055750

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.