

Certificate of Analysis

Date of Testing: 2025-02-13 14:22:35

Date of Next Testing: 2029-02-12 14:22:35

Product Name: **L-(+)-Tartaric acid**

CAS Number: 87-69-4

Specifications & Purity: ACS, ≥99.5%

Lot #: B2511583

SKU #: **T112460**

Version: **1**

Analysis #: **463317**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00 ppm
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Phosphate(PO ₄)	0-10 (ppm)	0.00 ppm
Chloride (Cl ⁻)	0-10 (ppm)	0.00 ppm
Purity (Titration by NaOH)	99.5-100.5 (%)	99.70 %
Sulfate(SO ₄ ²⁻)	0-0.002 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.80 ppm
Specific Rotation [α] ₂₀ /D(c=20 in H ₂ O)	10.4-14.4 (°)	13.74 °
Ignition Residue (as sulfate)	0-0.02 (%)	0.00 %
Appearance (T112460)	white crystal or crystal powder	white crystal or crystal powder
Oxalate(C ₂ O ₄) (limit 0.1%)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager