


ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-09-11 09:53:54
Date of Next Testing:	2029-09-10 09:53:54
Product Name:	L-(+)-Tartaric acid
CAS Number:	87-69-4
Specifications & Purity:	ACS, ≥99.5%
Lot #:	I2503524
SKU #	T112460
Version	1
Analysis #:	463317
Storage Temperature:	Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Insoluble matter in H ₂ O	0-0.005 (%)	0.00000 %
Phosphate(PO ₄)	0-10 (ppm)	0.00000 ppm
Chloride (Cl ⁻)	0-10 (ppm)	0.00000 ppm
Purity (Titration by NaOH)	99.5-100.5 (%)	99.70000 %
Sulfate(SO ₄ ²⁻)	0-0.002 (%)	0.00000 %
Heavy metal (as Pb)	0-5 (ppm)	0.80000 ppm
Specific Rotation [α] ₂₀ /D(c=20 in H ₂ O)	10.4-14.4 (°)	13.74000 °
Ignition Residue (as sulfate)	0-0.02 (%)	0.00000 %
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