

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-(+)-Tartaric acid**
Specifications & Purity: ACS, $\geq 99.5\%$
SKU #: **T112460**

Parameter	Limit Values
Ignition Residue (as sulfate)	0-0.02 (%)
Iron(Fe)	0-5 (ppm)
Insoluble matter in H ₂ O	0-0.005 (%)
Phosphate(PO ₄)	0-10 (ppm)
Chloride (Cl ⁻)	0-10 (ppm)
Purity (Titration by NaOH)	99.5-100.5 (%)
Sulfate(SO ₄ ²⁻)	0-0.002 (%)
Enantiometric Excess	98.5-100 (%)
Heavy metal (as Pb)	0-5 (ppm)
Specific Rotation $[\alpha]_{20}^D(c=20 \text{ in H}_2\text{O})$	10.4-14.4 (°)
Appearance (T112460)	white crystal or crystal powder
Infrared spectrum	Conforms to Structure
Oxalate(C ₂ O ₄) (limit 0.1%)	Pass