

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-22 11:21:27

Date of Next Testing: 2029-04-21 11:21:27

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: AR, ≥99%(T)

Lot #: D2507385

SKU #: **A103533**

Version: **1**

Analysis #: **502360**

Storage Temperature: Protected from light, Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Loss on drying	0-0.1 (%)	0.03600 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	20.5-21.5 (°)	20.52000 °
Purity(Iodometric Titration)	99-100 (%)	99.99650 %
Ignition Residue (as sulfate)	0-0.01 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.002 (%)	0.00000 %
Iron(Fe)	0-0.0002 (%)	0.00000 %



John Su
QA & QC Manager