

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-27 15:01:18

Date of Next Testing: 2029-08-26 15:01:18

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: AR, ≥99%(T)

Lot #: H2525164

SKU #: **A103533**

Version: **1**

Analysis #: **564492**

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 (%)	0.00000 %
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)	20.5-21.5 (°)	21.00000 °
Purity(Iodometric Titration)	99-100 (%)	99.99790 %
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