

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-10 10:26:31

Date of Next Testing: 2029-02-09 10:26:31

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: D2126031

SKU #: **A103534**

Version: **1**

Analysis #: **468172**

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

Parameter	Limit Values	Result
Total Metallic Impuritie	0-100 (ppm)	20.00000 ppm
Specific Rotation [α] _{20/D(c=10 in H₂O)}	20.5-21.5 (°)	20.50000 °
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99800 %
Appearance (A103534)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow, Clear , 50 mg/ml	pass	Pass



John Su
QA & QC Manager