

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-19 12:37:35

Date of Next Testing: 2028-09-18 12:37:35

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

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

Lot #: I2414099

SKU #: **A103534**

Version: **1**

Analysis #: **393059**

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

Parameter	Limit Values	Result
Total Metallic Impuritie	0-100 (ppm)	4.00000 ppm
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	20.5-21.5 (°)	20.74000 °
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99960 %
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