

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-13 10:22:24
Date of Next Testing: 2028-06-12 10:22:24
Product Name: **Ascorbic acid**
CAS Number: 50-81-7
Specifications & Purity: 99.99% metals basis
Lot #: F2411111
SKU #: **A103534**
Version: **1**
Analysis #: **358843**
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-100 (ppm)	24.00 ppm
Specific Rotation [a] _D 20/D(c=10 in H ₂ O)	20.5-21.5 (°)	21.38°
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	100.00 %
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