

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-19 11:41:50
 Date of Next Testing: 2028-09-18 11:41:50
 Product Name: **Ascorbic acid**
 CAS Number: 50-81-7
 Specifications & Purity: PrimorTrace™, ≥99.99% metals basis
 Lot #: I2414096
 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