

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-06 13:14:20
 Date of Next Testing: 2029-01-05 13:14:20
 Product Name: **L-Ascorbic acid**
 CAS Number: 50-81-7
 Specifications & Purity: Moligand™, anhydrous, ACS, ≥99%
 Lot #: A2605115
 SKU #: **L432793**
 Version: **1**
 Analysis #: **530798**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Assay (Titration with Iodine)	99-100 (%)	99.90000 %
Ignition Residue	0-0.1 (%)	0.02350 %
Iron(Fe)	0-0.001 (%)	0.00020 %
Heavy metals	0-0.002 (%)	0.00100 %
Specific Rotation $[\alpha]_{25/D(c=10 \text{ in H}_2\text{O})}$	20.5-21.5 (°)	20.89000 °
Appearance(L432793)	white to off-white to yellowish, powder or crystals and/or chunks	white to off-white to yellowish, powder or crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager