

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-26 13:50:09
 Date of Next Testing: 2028-12-25 13:50:09
 Product Name: **L-Ascorbic acid**
 CAS Number: 50-81-7
 Specifications & Purity: Moligand™, Reagent grade
 Lot #: L2517038
 SKU #: **L432791**
 Version: **1**
 Analysis #: **631674**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Iodometric Titration)	97.5-102.5 (%)	99.99790 %
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)	20.5-21.5 (°)	21.00000 °
Appearance(L432791)	White to off-white to light yellow Powder, crystals and/or chunks	White to off-white to light yellow Powder, crystals and/or chunks
Solubility in H ₂ O, Colorless to Faint Yellow, Clear, 50 mg/ml	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager