

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-12 15:52:44  
Date of Next Testing: 2027-12-12 15:52:44  
Product Name: **L-Ascorbic acid**  
CAS Number: 50-81-7  
Specifications & Purity: Moligand™, Reagent grade  
Lot #: L2403093  
SKU #: **L432791**  
Version: **1**  
Analysis #: **448073**  
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Iodometric Titration)	97.5-102.5 (%)	99.99980 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	20.5-21.5 (°)	20.54000 °
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 <sub>2</sub> 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