

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-12 13:51:16

Date of Next Testing: 2027-08-12 13:51:16

Product Name: **L-Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: reagent grade

Lot #: G2431032

SKU #: **L432791**Version: **1**Analysis #: **217627**

Parameter	Limit Values	Result
Purity(Iodometric Titration)	98-102.5 (%)	99.80%
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	20.5-21.5 (°)	21.00°
Appearance(L432791)	White to Off-White to Light Yellow Powder	White to off-white to light yellow powder
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