

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-04 18:20:36

Date of Next Testing: 2026-05-03 18:20:36

Product Name: **L-Ascorbic acid**

CAS Number: 50-81-7

Specifications &amp; Purity: reagent grade

Lot #: D2326047

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

Parameter	Limit Values	Result
Purity(Iodometric Titration)	98-102.5 (%)	99.80%
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> 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 <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