

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-09 09:58:00
 Date of Next Testing: 2029-02-08 09:58:00
 Product Name: **(+)-Sodium L-ascorbate**
 CAS Number: 134-03-2
 Specifications & Purity: UltraBio™, Ultra pure, ≥99%(NT)
 Lot #: B2605234
 SKU #: **S431925**
 Version: **1**
 Analysis #: **653620**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=5 in H ₂ O)	103.0-107 (°)	105.00000 °
Loss on drying	0-0.2 (%)	0.13000 %
Cadmium(Cd)	0-5 (ppm)	0.25000 ppm
Copper(Cu)	0-5 (ppm)	2.10000 ppm
Iron(Fe)	0-5 (ppm)	1.02000 ppm
Nickel(Ni)	0-5 (ppm)	0.50000 ppm
Lead(Pb)	0-5 (ppm)	0.32000 ppm
Assay(Titration by HClO ₄ 0.1M)	99-102.5 (%)	99.90000 %
Purity(TLC)	99-100 (%)	99.00000 %
Calcium(Ca)	0-50 (ppm)	40.00000 ppm
Cobalt(Co)	0-5 (ppm)	2.50000 ppm
Chromium(Cr)	0-5 (ppm)	2.60000 ppm
Potassium(K)	0-50 (ppm)	48.00000 ppm
Magnesium(Mg)	0-5 (ppm)	4.30000 ppm
Manganese(Mn)	0-5 (ppm)	4.20000 ppm
Zinc(Zn)	0-5 (ppm)	3.60000 ppm
Total sulfur as SO ₄ (ICP)	0-50 (ppm)	45.00000 ppm
Chloride (Cl ⁻)	0-50 (ppm)	38.00000 ppm
Appearance(S431925)	White or light Yellow Powder Or Crystals	White or light Yellow Powder Or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager