

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-27 16:57:11

Date of Next Testing: 2028-02-26 16:57:11

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: for cell culture

Lot #: B2422065

SKU #: **A103539****Analysis: 324151**

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Titration with Iodine | 98-100 (%) | 98.54000% |
| Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O) | 20.5-21.5 (°) | 20.53° |
| Cell Culture Test | pass | Pass |
| Appearance(Color) (A103539) | White to Light Yellow | White to Light yellow |
| Appearance(Form) (A103539) | Powder | Powder |
| Solubility (Color), Colorless to Light Yellow | Pass | Pass |
| Solubility (Clear), 50 mg/mL, H ₂ O | Pass | Pass |

John Su
QA & QC Manager