

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-31 14:06:26

Date of Next Testing: 2030-01-30 14:06:26

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: A2630238

SKU #: **A103534**

Version: **1**

Analysis #: **629240**

Storage Temperature: Protected from light, Room temperature, Argon charged, Cool

| Parameter                                                                    | Limit Values                                      | Result                                            |
|------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)             | 20.5-21.5 (°)                                     | 21.10000 °                                        |
| Purity(Based On Trace Metals Analysis)                                       | 99.99-100 (%)                                     | 99.99690 %                                        |
| Total Metallic Impuritie                                                     | 0-100 (ppm)                                       | 31.00000 ppm                                      |
| Appearance (A103534)                                                         | white to off-white powder, crystals and/or chunks | white to off-white powder, crystals and/or chunks |
| Proton NMR spectrum                                                          | Conforms to Structure                             | Conforms to Structure                             |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow, Clear , 50 mg/ml | pass                                              | Pass                                              |



John Su  
QA & QC Manager