

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-15 16:06:53

Date of Next Testing: 2029-05-14 16:06:53

Product Name: **Ascorbic acid**

CAS Number: 50-81-7

Specifications & Purity: AR, ≥99%(T)

Lot #: E2512143

SKU #: **A103533**

Version: **1**

Analysis #: **514606**

Storage Temperature: Protected from light, Room temperature, Desiccated, Cool

| Parameter                                                        | Limit Values  | Result     |
|------------------------------------------------------------------|---------------|------------|
| Heavy metal (as Pb)                                              | 0-0.001 (%)   | 0.00000 %  |
| Loss on drying                                                   | 0-0.1 (%)     | 0.01700 %  |
| Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O) | 20.5-21.5 (°) | 20.51000 ° |
| Purity(Iodometric Titration)                                     | 99-100 (%)    | 99.99910 % |
| Ignition Residue (as sulfate)                                    | 0-0.01 (%)    | 0.00000 %  |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )                          | 0-0.002 (%)   | 0.00000 %  |
| Iron(Fe)                                                         | 0-0.0002 (%)  | 0.00000 %  |



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