

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-08 17:23:34

Date of Next Testing: 2029-05-07 17:23:34

Product Name: **Sodium ascorbate**

CAS Number: 134-03-2

Specifications & Purity: Moligand™, ≥99%

Lot #: D2528227

SKU #: **S105024**

Version: **0**

Analysis #: **500957**

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

| Parameter                                                                                      | Limit Values                             | Result                                   |
|------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)                               | 103-108 (°)                              | 105.00000 °                              |
| Purity(Iodometric Titration)                                                                   | 98.5-101.5 (%)                           | 99.50000 %                               |
| Sodium(Na)                                                                                     | 10.8-12.8 (%)                            | 11.30000 %                               |
| Appearance (S105024)                                                                           | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| Infrared spectrum                                                                              | Conforms to Structure                    | Conforms to Structure                    |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear , 50 mg/ml H <sub>2</sub> O | pass                                     | Pass                                     |



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QA & QC Manager