

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-10 14:11:10

Date of Next Testing: 2029-07-09 14:11:10

Product Name: **Sorbic acid**

CAS Number: 110-44-1

Specifications & Purity:  $\geq 99.8\%$

Lot #: G2508416

SKU #: **S101111**

Version: **1**

Analysis #: **501744**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                 | Limit Values              | Result                    |
|---------------------------------------------------------------------------|---------------------------|---------------------------|
| Purity (Titration by NaOH)                                                | 99-101 (%)                | 100.01000 %               |
| Purity(HPLC)                                                              | 99.8-100 (%)              | 100.00000 %               |
| Melting point                                                             | 133-136 (°C)              | 135.66000 °C              |
| Appearance (S101111)                                                      | White to Off-White Powder | White to Off-White Powder |
| Solubility in EtOH , Colorless to Yellow, Clear to Slightly Hazy, 50mg/ml | pass                      | Pass                      |
| NMR Spectrum 1H                                                           | Conforms to structure     | Conforms to Structure     |



John Su  
QA & QC Manager