

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-25 17:07:00

Date of Next Testing: 2029-02-24 17:07:00

Product Name: **Sorbic acid**

CAS Number: 110-44-1

Specifications & Purity: $\geq 99.8\%$

Lot #: B2521613

SKU #: **S101111**

Version: **1**

Analysis #: **456445**

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

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	100.49000 %
Purity(HPLC)	99.8-100 (%)	100.00000 %
Melting point	133-136 (°C)	135.64000 °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