

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-23 17:15:32

Date of Next Testing: 2026-12-13 17:15:32

Product Name: **Sorbic acid**

CAS Number: 110-44-1

Specifications & Purity: analytical standard

Lot #: L2417165

SKU #: **S101108**

Version: **0**

Analysis #: **574611**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	133-136 (°C)	133.20000 °C
Purity(HPLC)	99.5-100 (%)	100.00000 %
Purity (Titration by NaOH)	99-101 (%)	100.09000 %
Appearance (S101108)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless to Yellow,Clear to Slightly Hazy,50mg/ml	pass	Pass



John Su
QA & QC Manager