

Certificate of Analysis

Date of Testing: 2023-03-09 17:31:08
Date of Next Testing: 2025-02-26 17:31:08
Product Name: **Sorbic acid**
CAS Number: 110-44-1
Specifications & Purity: analytical standard
Lot #: E2128537
SKU #: **S101108**
Analysis: 196664
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	133-136 (°C)	135.83000 °C
Purity(HPLC)	99.5-100 (%)	99.81700 %
Purity (Titration by NaOH)	99-101 (%)	99.25 %
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