

## Certificate of Analysis

Date of Testing: 2023-09-25 16:15:58  
Date of Next Testing: 2025-09-14 16:15:58  
Product Name: **Sorbic acid**  
CAS Number: 110-44-1  
Specifications & Purity: analytical standard  
Lot #: I2321079  
SKU #: **S101108**  
**Analysis:** **199914**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	133-136 (°C)	135.79000 °C
Purity(HPLC)	99.5-100 (%)	99.59400 %
Purity (Titration by NaOH)	99-101 (%)	100.18 %
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