

Certificate of Analysis

Date of Testing: 2024-11-23 17:01:18
Date of Next Testing: 2028-11-22 17:01:18
Product Name: **Sorbic acid**
CAS Number: 110-44-1
Specifications & Purity: $\geq 99.8\%$
Lot #: K2411507
SKU #: **S101111**
Version: **1**
Analysis #: **419396**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-101 (%)	100.09 %
Purity(HPLC)	99.8-100 (%)	100.00000 %
Melting point	133-136 (°C)	133.20000 °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