

Certificate of Analysis

Date of Testing: 2023-01-28 16:11:18
Date of Next Testing: 2027-01-27 16:11:18
Product Name: **Sorbic acid**
CAS Number: 110-44-1
Specifications & Purity: 99.8%
Lot #: A2314266
SKU #: **S101111**
Analysis: **173087**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|-------------------------------------------------------------------------|------------------------------|------------------------------|
| Purity (Titration by NaOH) | 99-101 (%) | 99.23 % |
| Purity(HPLC) | 99.8-100 (%) | 99.90000 % |
| Melting point | 133-136 (°C) | 135.89000 °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 |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager