



## Certificate of Analysis

### Sorbic Acid FCC

**Catalog Number:** SA1004  
**Lot Number:** 0307805  
**CAS Number:** 110-44-1  
**Molecular Formula:**  $C_6H_8O_2$   
**Molecular Weight:** 112.13  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** September 10, 2017  
**Retest Date:** September 9, 2019

Test	Specification	Result
Appearance	White to colorless crystalline powder	Conforms
Assay	99.0 – 101.0%	99.9%
Melting Point	132°C – 135°C	133.0°C
Moisture	≤ 0.5%	0.21%
Solubility (5% in EtOH)	Clear solution	Conforms
Residue on Ignition	≤ 0.2%	0.10%
Heavy Metals	≤ 10ppm	< 10ppm
Arsenic	≤ 3ppm	< 3ppm
Lead	≤ 2ppm	< 2ppm
Mercury	≤ 1ppm	< 1ppm
Aldehydes	≤ 0.1%	< 0.1%
Heat Stability	No change in color after heating @105°C, 90min.	Conforms
This batch meets the specifications for the FCCIV grade.		

Approved by:

Date: March 8, 2018

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