

Certificate of Analysis**Product: Potassium Sorbate, USP/FCC, Kosher, Halal****Item Number: POSBGU****CAS#: 590-00-1****Grade: USP/FCC****Lot Number: 5002660/1.1****Manufacture Date: 07/24/2025****Expiration Date: 07/23/2029****Country of Origin: United States**

Tested Property	Specification	Analysis
Description	White to off-white granular	White granular
ID A: Potassium	Sample responds to flame test	Pass
ID B: Sorbic Acid Melting range	Melting range isolated by acidification and not re-crystallized 133-135°C	Pass
ID C: Double bonds	Positive tests for double bonds	Pass
Loss on Drying	Max 1.0%	0.19%
Lead (Pb)	Max 0.1 mg/kg	<0.1 mg/kg
Arsenic (As)	Max 0.1 mg/kg	<0.1 mg/kg
Mercury (Hg)	Max 0.01 mg/kg	<0.01 mg/kg
Aldehyde (as Formaldehyde)	Max 0.1%	<0.1%
Organic Volatile Impurities	Meets Requirements	Meets Requirements
Residual Solvents	Meets Requirements	Meets Requirements
Assay	99.0 - 101.0%	100.23%
Acidity (as Sorbic Acid)	Max 1.0%	<1.0%
Alkalinity (as K ₂ CO ₃)	Max 1.0%	<1.0%

Store in a cool, dry, and well-ventilated environment.

[Potassium Sorbate, USP/FCC, Kosher, Halal](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon

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