

## Certificate of Analysis

Date of Testing: 2022-02-28 00:55:36  
Date of Next Testing: 2026-02-27 00:55:36  
Product Name: **Potassium sorbate**  
CAS Number: 24634-61-5  
Specifications & Purity: >99.0%(T)  
Lot #: B2224474  
SKU #: **P103845**  
**Analysis:** **058967**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-10 (ppm)	0.00 ppm
Nickel(Ni)	0-10 (ppm)	0.00 ppm
(As)Arsenic	0-2 (ppm)	0.00 ppm
Purity(Titration by HClO <sub>4</sub> )	98.5-101.5 (%)	99.95 %
loss on drying(105°C,3 h)	0-1 (%)	0.33 %
Copper(Cu)	0-10 (ppm)	0.06 ppm
Appearance (P103845)	White to cream powder,crystal,Particles stick	White to cream powder,crystal,Particles stick
Acidity and alkalinity test	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager