

Certificate of Analysis

Date of Testing: 2023-03-14 16:56:41

Date of Next Testing: 2027-03-13 16:56:41

Product Name: **Potassium sorbate**

CAS Number: 24634-61-5

Specifications & Purity: >99.0%(T)

Lot #: C2307878

SKU #: **P103845**

Analysis: **173862**

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 HClO4)	98.5-101.5 (%)	99.71 %
loss on drying(105°C,3 h)	0-1 (%)	0.00 %
Copper(Cu)	0-10 (ppm)	0.00 ppm
Appearance (P103845)	White to cream powder,crystal,Particles stick	White to cream powder,crystal,Particles stick
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure
Acidity and alkalinity test	pass	Pass



John Su
QA & QC Manager