

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-06 12:19:48

Date of Next Testing: 2027-02-05 12:19:48

Product Name: **Potassium sorbate**

CAS Number: 24634-61-5

Specifications & Purity: >99.0%(T)

Lot #: B2302351

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 ₄)	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 ₂ O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager