

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-06 09:13:54

Date of Next Testing: 2028-03-05 09:13:54

Product Name: **Potassium sorbate**

CAS Number: 24634-61-5

Specifications & Purity: >99.0%(T)

Lot #: C2404365

SKU #: **P103845****Analysis:** **326917**

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 (%)	99.03 %
loss on drying(105°C,3 h)	0-1 (%)	0.05 %
Copper(Cu)	0-10 (ppm)	0.00 ppm
Appearance (P103845)	White to cream powder,crystal,Particles stick	White to cream powder,crystal,Particles stick
Acidity and alkalinity test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency

John Su
QA & QC Manager