

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-21 17:28:15

Date of Next Testing: 2028-11-20 17:28:15

Product Name: **Potassium sorbate**

CAS Number: 24634-61-5

Specifications & Purity: $\geq 99\%$ (T)

Lot #: K2420130

SKU #: **P103845**

Version: **0**

Analysis #: **058967**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-10 (ppm)	0.00000 ppm
Nickel(Ni)	0-10 (ppm)	0.00000 ppm
(As)Arsenic	0-2 (ppm)	0.00000 ppm
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.95000 %
loss on drying(105°C, 3 h)	0-1 (%)	0.33000 %
Copper(Cu)	0-10 (ppm)	0.06300 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