

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-22 21:14:52
Date of Next Testing: 2026-01-21 21:14:52
Product Name: **Potassium carbonate crystal**
CAS Number: 6381-79-9
Specifications & Purity: ACS
Lot #: A2214647
SKU #: **P112404**
Analysis: **060423**

Parameter	Limit Values	Result
Magnesium(Mg)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.01 %
silica(SiO ₂)	0-0.005 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.004 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.01 (%)	0.01 %
Iron(Fe)	0-5 (ppm)	3.00 ppm
Phosphate(PO ₄)	0-0.001 (%)	0.00 %
Calcium(Ca)	0-0.005 (µg/mg)	0.00 µg/mg
Loss on drying	14-16.5 (%)	15.20 %
Heavy metal (as Pb)	0-5 (ppm)	2.36 ppm
Chloride (Cl ⁻)	0-0.003 (%)	0.00 %
Assay	98.5-101 (%)	98.51 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager