

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-19 15:40:32  
Date of Next Testing: 2026-02-18 15:40:32  
Product Name: **Potassium carbonate crystal**  
CAS Number: 6381-79-9  
Specifications & Purity: reagent grade,98%  
Lot #: B2218511  
SKU #: **P112395**  
Analysis: **076222**

Parameter	Limit Values	Result
Phosphate(PO4)	0-0.01 (%)	0.00%
Calcium and magnesium(Ca+Mg)	0-0.05 (%)	0.02%
Heavy metal (as Pb)	0-0.0003 (%)	0.00%
Chloride and Bromide(As Cl-)	0-0.005 (%)	0.00%
Insoluble matter in H2O	0-0.02 (%)	0.01%
Assay	98-100.5 (%)	99.16%
Silicate and substances precipitated by ammonia solution	0-0.003 (%)	0.00%
(As)Arsenic	0-30 (%)	16.00%
Iron(Fe)	0-0.001 (%)	0.00%
Nitrogen by Elemental Analysis	0-0.005 (%)	0.00%
Sulfate(SO42-)	0-0.005 (%)	0.00%
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager