

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-11 09:21:20
 Date of Next Testing: 2029-06-10 09:21:20
 Product Name: **Potassium carbonate sesquihydrate**
 CAS Number: 6381-79-9
 Specifications & Purity: AR, ≥99%
 Lot #: H2127568
 SKU #: **P112394**
 Version: **0**
 Analysis #: **522131**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.005 (%)	0.00001 %
Nitrogen by Elemental Analysis	0-0.005 (%)	0.00001 %
Calcium and magnesium(Ca+Mg)	0-0.01 (%)	0.00400 %
Phosphate(PO ₄)	0-0.003 (%)	0.00002 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
(As)Arsenic	0-0.00003 (%)	0.00001 %
Sulfate(SO ₄ ²⁻)	0-0.002 (%)	0.00024 %
Heavy metal (as Pb)	0-0.0003 (%)	0.00000 %
Chloride and Bromide(As Cl ⁻)	0-0.001 (%)	0.00000 %
Silicate and substances precipitated by ammonia solution	0-0.005 (%)	0.00023 %
Assay	99-100.2 (%)	99.20000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager