

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-18 14:35:17
 Date of Next Testing: 2027-02-17 14:35:17
 Product Name: **Potassium carbonate**
 CAS Number: 584-08-7
 Specifications & Purity: anhydrous, ACS, ≥99%
 Lot #: A2426388
 SKU #: **P485460**
 Version: **1**
 Analysis #: **312928**

Parameter	Limit Values	Result
Assay(Titration by HCL)	99-102.5 (%)	99.90000 %
Insoluble matter	0-0.01 (%)	0.00000 %
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Heavy Metals (by ICP-OES)	0-5 (ppm)	0.00000 ppm
Calcium(Ca)	0-0.005 (%)	0.00000 %
Magnesium(Mg)	0-0.002 (%)	0.00000 %
Sodium(Na)	0-0.02 (%)	0.01100 %
Chloride Content	0-0.003 (%)	0.00280 %
Phosphate(PO4)	0-0.001 (%)	0.00000 %
Sulfur Compounds	0-0.004 (%)	0.00000 %
Silica	0-0.005 (%)	0.00000 %
Appearance(P485460)	white powder or solid	white powder or solid
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager