

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-18 17:24:44

Date of Next Testing: 2026-04-17 17:24:44

Product Name: **Potassium carbonate**

CAS Number: 584-08-7

Specifications & Purity: anhydrous, ACS, ≥99%

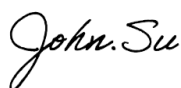
Lot #: D23141657

SKU #: **P485460**

Version: **1**

Analysis #: **204928**

| Parameter                 | Limit Values          | Result                |
|---------------------------|-----------------------|-----------------------|
| Assay(Titration by HCL)   | 99-102.5 (%)          | 99.34000 %            |
| Insoluble matter          | 0-0.01 (%)            | 0.00000 %             |
| Chloride Content          | 0-0.003 (%)           | 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 (%)            | 0.01800 %             |
| Silica                    | 0-0.005 (%)           | 0.00000 %             |
| Phosphate(PO4)            | 0-0.001 (%)           | 0.00046 %             |
| Sulfur Compounds          | 0-0.004 (%)           | 0.00200 %             |
| Appearance(P485460)       | white powder or solid | white powder or solid |
| X-Ray Diffraction         | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager