

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-17 10:48:36

Date of Next Testing: 2030-01-16 10:48:36

Product Name: **Potassium carbonate**

CAS Number: 584-08-7

Specifications & Purity:  $\geq 99.995\%$  metals basis

Lot #: A2616597

SKU #: **P111562**

Version: **0**

Analysis #: **641751**

Storage Temperature: Room temperature, Argon charged

| Parameter                              | Limit Values               | Result                     |
|----------------------------------------|----------------------------|----------------------------|
| Loss on drying(300 °C)                 | 0-1 (%)                    | 0.04000 %                  |
| CO3(Titration by HCL)                  | 42.4-44.4 (%)              | 43.08000 %                 |
| Purity(Based On Trace Metals Analysis) | 99.995-100 (%)             | 99.99520 %                 |
| Total Metallic Impuritie               | 0-50 (ppm)                 | 48.00000 ppm               |
| Appearance (P111562)                   | white powder and/or chunks | white powder and/or chunks |
| ICP:Confirms Potassium Component       | Confirmed                  | Confirmed                  |
| X-Ray Diffraction                      | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager