

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-22 14:49:09

Date of Next Testing: 2029-10-21 14:49:09

Product Name: **Potassium carbonate**

CAS Number: 584-08-7

Specifications & Purity: AR, ≥99%

Lot #: J2517609

SKU #: **P111556**

Version: **0**

Analysis #: **594638**

Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(Titration by HCl) | 98.5-101.5 (%)        | 99.38000 %            |
| Loss on drying(300 °C)   | 0-1 (%)               | 0.32000 %             |
| Appearance (P111556)     | white powder or solid | white powder or solid |
| Solubility(1 m in water) | Clear colorless       | Clear Colorless       |
| X-Ray Diffraction        | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager