

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-30 09:43:08  
 Date of Next Testing: 2029-06-29 09:43:08  
 Product Name: **Potassium carbonate**  
 CAS Number: 584-08-7  
 Specifications & Purity: AR, ≥99%  
 Lot #: F2519620  
 SKU #: **P111556**  
 Version: **0**  
 Analysis #: **522945**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(Titration by HCl) | 98.5-101.5 (%)        | 99.01000 %            |
| Loss on drying(300 °C)   | 0-1 (%)               | 0.31000 %             |
| 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