

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2026-06-27 16:14:49  
Date of Next Testing: 2030-06-26 16:14:49  
Product Name: **Potassium carbonate**  
CAS Number: 584-08-7  
Specifications & Purity:  $\geq 98\%$ , powder, > 325mesh  
Lot #: F2615412  
SKU #: **P294003**  
Version: **1**  
Analysis #: **663609**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(Titration by HCl)	98-102.5 (%)	99.71000 %
Average particle size	$\leq 44$ ( $\mu\text{m}$ )	17.90000 $\mu\text{m}$
Loss on Drying(400°C, 2 hours)	$\leq 1$ (%)	0.06000 %
Appearance(P294003)	White Powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager