

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

### Certificate of Analysis

Date of Testing: 2026-02-26 10:29:49  
Date of Next Testing: 2030-02-25 10:29:49  
Product Name: **Potassium carbonate**  
CAS Number: 584-08-7  
Specifications & Purity:  $\geq 99.995\%$  metals basis  
Lot #: B2624464  
SKU #: **P111562**  
Version: **0**  
Analysis #: **662363**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Loss on drying(300 °C)	0-1 (%)	0.92 %
CO3(Titration by HCL)	42.4-44.4 (%)	42.84 %
Purity(Based On Trace Metals Analysis)	99.995-100 (%)	100.00 %
Total Metallic Impuritie	0-50 (ppm)	49.00 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