

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-13 17:02:43  
Date of Next Testing: 2027-07-12 17:02:43  
Product Name: **Potassium carbonate**  
CAS Number: 584-08-7  
Specifications & Purity: 99.995% metals basis  
Lot #: G23041055  
SKU #: **P111562**  
**Analysis:** **244855**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on drying(300 °C)	0-1 (%)	0.00 %
CO3(Titration by HCL)	42.4-44.4 (%)	43.63 %
Purity(Based On Trace Metals Analysis)	99.995-100 (%)	100.00 %
Total Metallic Impuritie	0-50 (ppm)	9.11 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