

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-09 16:38:10

Date of Next Testing: 2029-09-08 16:38:10

Product Name: **Potassium carbonate**

CAS Number: 584-08-7

Specifications & Purity: $\geq 99.995\%$ metals basis

Lot #: I2508722

SKU # **P111562**

Version **0**

Analysis #: **574241**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Loss on drying(300 °C)	0-1 (%)	0.04000 %
CO3(Titration by HCL)	42.4-44.4 (%)	43.08000 %
Purity(Based On Trace Metals Analysis)	99.995-100 (%)	99.99520 %
Total Metallic Impuritie	0-50 (ppm)	48.00000 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