

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-28 15:17:58

Date of Next Testing: 2028-10-27 15:17:58

Product Name: **Potassium carbonate**

CAS Number: 584-08-7

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

Lot #: J2421318

SKU #: **P111562**

Version: **0**

Analysis #: **428746**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Loss on drying(300 °C)	0-1 (%)	0.51000 %
CO ₃ (Titration by HCL)	42.4-44.4 (%)	43.00000 %
Purity(Based On Trace Metals Analysis)	99.995-100 (%)	99.99550 %
Total Metallic Impuritie	0-50 (ppm)	45.00000 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