

## Certificate of Analysis

Date of Testing: 2022-02-10 09:58:27  
Date of Next Testing: 2026-02-09 09:58:27  
Product Name: **Potassium carbonate**  
CAS Number: 584-08-7  
Specifications & Purity: 99.995% metals basis  
Lot #: B2207410  
SKU #: **P111562**  
**Analysis:** **067449**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on drying(300 °C)	0-1 (%)	0.17 %
CO3(Titration by HCL)	42.4-44.4 (%)	43.26 %
Purity(Based On Trace Metals Analysis)	99.995-100 (%)	100.00 %
Total Metallic Impuritie	0-50 (ppm)	50.00 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