

## Certificate of Analysis

Date of Testing: 2024-06-28 16:37:46  
Date of Next Testing: 2028-06-27 16:37:46  
Product Name: **Potassium carbonate**  
CAS Number: 584-08-7  
Specifications & Purity: 99.99% metals basis  
Lot #: F2427300  
SKU #: **P111561**  
Version: **0**  
Analysis #: **372830**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
CO3(Titration by HCL)	42.4-44.4 (%)	43.00%
Loss on drying(300 °C)	0-1 (%)	0.51%
Total Metallic Impuritie	0-200 (ppm)	45.00 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	100.00%
Appearance (P111561)	White Powder, Granules or Chunks	White Powder, Granules or Chunks
ICP:Confirms Potassium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager