

## Certificate of Analysis

Date of Testing: 2024-03-15 17:15:43  
Date of Next Testing: 2028-03-14 17:15:43  
Product Name: **Potassium carbonate**  
CAS Number: 584-08-7  
Specifications & Purity: 99.99% metals basis  
Lot #: C2413222  
SKU #: **P111561**  
**Analysis:** **325013**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
CO3(Titration by HCL)	42.4-44.4 (%)	43.39%
Loss on drying(300 °C)	0-1 (%)	0.18%
Total Metallic Impuritie	0-200 (ppm)	196.00 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99%
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