

## Certificate of Analysis

Date of Testing: 2022-03-07 15:33:36  
Date of Next Testing: 2026-03-06 15:33:36  
Product Name: **Potassium carbonate**  
CAS Number: 584-08-7  
Specifications & Purity: 99.99% metals basis  
Lot #: C2202230  
SKU #: **P111561**  
**Analysis:** **080971**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
CO <sub>3</sub> (Titration by HCL)	42.4-44.4 (%)	43.07 %
Loss on drying(300 °C)	0-1 (%)	0.45 %
Total Metallic Impuritie	0-200 (ppm)	99.00 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