

Certificate of Analysis

Date of Testing: 2024-01-15 11:17:13
Date of Next Testing: 2028-01-14 11:17:13
Product Name: **Potassium carbonate**
CAS Number: 584-08-7
Specifications & Purity: 99.995% metals basis
Lot #: A2411009
SKU #: **P111562**
Analysis: **244855**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|----------------------------|----------------------------|
| Loss on drying(300 °C) | 0-1 (%) | 0.00 % |
| CO3(Titration by HCL) | 42.4-44.4 (%) | 43.63 % |
| Purity(Based On Trace Metals Analysis) | 99.995-100 (%) | 100.00 % |
| Total Metallic Impuritie | 0-50 (ppm) | 9.11 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