

Certificate of Analysis

Date of Testing: 2023-07-03 14:05:22
Date of Next Testing: 2027-07-02 14:05:22
Product Name: **Potassium carbonate**
CAS Number: 584-08-7
Specifications & Purity: ACS, ≥99.0%
Lot #: F2317380
SKU #: **P111563**
Analysis: **235870**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
silica(SiO ₂)	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
(PO ₄)Phosphate	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Sulfate(SO ₄ ²⁻)	0-0.004 (%)	0.00 %
Magnesium(Mg)	0-0.002 (%)	0.00 %
Loss on drying(300 °C)	0-1 (%)	0.33 %
Insoluble matter	0-0.01 (%)	0.00 %
Chloride (Cl ⁻)	0-0.003 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Purity(Titration by HCl)	99-102.5 (%)	99.66 %
Sodium(Na)	0-0.02 (%)	0.01 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager