

Certificate of Analysis

Date of Testing: 2025-06-09 16:12:14
 Date of Next Testing: 2029-06-08 16:12:14
 Product Name: **Potassium carbonate**
 CAS Number: 584-08-7
 Specifications & Purity: GR, ≥99.5%
 Lot #: F2506525
 SKU #: **P111558**
 Version: **1**
 Analysis #: **517843**
 Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Loss on drying(300 °C)	0-1 (%)	0.27 %
Phosphorus (P)	0-0.0005 (%)	0.00 %
Sulfate(SO42-)	0-0.02 (%)	0.00 %
purity by titration	99.5-100 (%)	99.73 %
Sodium(Na)	0-0.5 (%)	0.46 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.001 (%)	0.00 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Lead(Pb)	0-0.001 (%)	0.00 %
Chloride Content	0-0.005 (%)	0.00 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Insoluble matter	0-0.1 (%)	0.00 %
Solubility(1 m in water)	Clear colorless	Clear Colorless
Appearance (P111558)	White Powder and Chunks	White Powder and Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager