

Certificate of Analysis

Date of Testing: 2024-10-16 17:00:24

Date of Next Testing: 2028-10-15 17:00:24

Product Name: **Potassium carbonate**

CAS Number: 584-08-7

Specifications & Purity: GR, ≥99.5%

Lot #: J2415542

SKU #: **P111558**

Version: **1**

Analysis #: **416120**

Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Loss on drying(300 °C)	0-1 (%)	0.24 %
Phosphorus (P)	0-0.0005 (%)	0.00 %
Sulfate(SO42-)	0-0.02 (%)	0.00 %
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 %
purity by titration	99.5-100 (%)	99.80 %
Sodium(Na)	0-0.5 (%)	0.50 %
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