

Certificate of Analysis

Date of Testing: 2024-03-13 17:04:48
Date of Next Testing: 2028-03-12 17:04:48
Product Name: **Potassium carbonate**
CAS Number: 584-08-7
Specifications & Purity: Guaranteed Reagent, 99.5%
Lot #: C2407303
SKU #: **P111558**
Analysis: **218110**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(300 °C)	0-1 (%)	0.19 %
Phosphorus (P)	0-0.0005 (%)	0.00 %
Sulfate(SO42-)	0-0.02 (%)	0.01 %
Sodium(Na)	0-0.5 (%)	0.03 %
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 %
Ammonia (NH4)	0-0.05 (%)	0.03 %
Insoluble matter	0-0.1 (%)	0.00 %
purity by titration	99.5-100 (%)	99.68 %
Appearance (P111558)	White Powder and Chunks	White Powder and Chunks
Solubility(1 m in water)	Clear colorless	Clear Colorless
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager