

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-20 11:59:18
Date of Next Testing: 2030-04-19 11:59:18
Product Name: **Potassium carbonate**
CAS Number: 584-08-7
Specifications & Purity: GR, ≥99.5%
Lot #: D2616519
SKU #: **P111558**
Version: **1**
Analysis #: **688422**
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Loss on drying(300 °C)	0-1 (%)	0.21000 %
Sulfate(SO42-)	0-0.02 (%)	0.00250 %
Sodium(Na)	0-0.5 (%)	0.45000 %
Zinc(Zn)	0-0.0005 (%)	0.00000 %
Calcium(Ca)	0-0.001 (%)	0.00000 %
Aluminum(Al)	0-0.0005 (%)	0.00000 %
Magnesium(Mg)	0-0.0005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.00000 %
Chloride Content	0-0.005 (%)	0.00370 %
Copper(Cu)	0-0.0005 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Insoluble matter	0-0.1 (%)	0.00000 %
Phosphorus (P)	0-0.0005 (%)	0.00050 %
purity by titration	99.5-100 (%)	99.51000 %
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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager