

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-28 14:26:11
 Date of Next Testing: 2029-09-27 14:26:11
 Product Name: **Potassium bicarbonate**
 CAS Number: 298-14-6
 Specifications & Purity: AR, ≥99.5%
 Lot #: I2518387
 SKU #: **P110485**
 Version: **0**
 Analysis #: **583389**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Phosphate(PO ₄)	0-0.002 (%)	0.00000 %
Total Nitrogen	0-0.001 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.05 (%)	0.00300 %
Sodium(Na)	0-0.4 (%)	0.02390 %
Chloride and Bromide(As Cl ⁻)	0-0.05 (%)	0.00000 %
Silicate(SiO ₃)	0-0.005 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Assay	99.5-100 (%)	99.72000 %
Calcium(Ca)	0-0.002 (µg/mg)	0.00000 µg/mg
Heavy metals	0-0.0005 (%)	0.00000 %
PH at 25°C(5% in water)	0-8.6	5.80000
Insoluble matter in H ₂ O	0-0.002 (%)	0.00000 %
Aluminum(Al)	0-0.002 (%)	0.00000 %
Magnesium(Mg)	0-0.03 (%)	0.00000 %
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