

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-26 13:45:25

Date of Next Testing: 2029-09-25 13:45:25

Product Name: **Potassium bicarbonate**

CAS Number: 298-14-6

Specifications & Purity: ACS, ≥99.7(dry basis)

Lot #: I2518385

SKU # **P118601**

Version **0**

Analysis #: **583395**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter	0-0.01 (%)	0.00000 %
Calcium(Ca)	0-0.002 (%)	0.00000 %
Ammonia (NH4)	0-5 (ppm)	5.00000 ppm
Phosphate(PO4)	0-5 (ppm)	0.00000 ppm
Concentration(in Hot Water)	0-10 (%)	0.00000 %
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Magnesium(Mg)	0-0.001 (%)	0.00000 %
Sodium(Na)	0-0.03 (%)	0.02390 %
Sulfate(SO42-)	0-0.003 (%)	0.00300 %
Chloride (Cl-)	0-0.001 (%)	0.00000 %
Purity(Titration by HCL)(dry basis)	99.7-100.5 (%)	99.72000 %
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Appearance (P118601)	White Crystals, Powder or Granules	White Crystals, Powder or Granules
Infrared spectrum	Conforms to Structure	Conforms to Structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager