

Certificate of Analysis

Date of Testing: 2025-03-27 14:40:40

Date of Next Testing: 2029-03-26 14:40:40

Product Name: **Potassium bicarbonate**

CAS Number: 298-14-6

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

Lot #: C2524461

SKU # **P118601**

Version **0**

Analysis #: **488339**

Parameter	Limit Values	Result
Insoluble matter	0-0.01 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Ammonia (NH ₄)	0-5 (ppm)	0.00 ppm
Phosphate(PO ₄)	0-5 (ppm)	0.00 ppm
Concentration(in Hot Water)	0-10 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.03 (%)	0.01 %
Sulfate(SO ₄ ²⁻)	0-0.003 (%)	0.00 %
Chloride (Cl ⁻)	0-0.001 (%)	0.00 %
Purity(Titration by HCL)(dry basis)	99.7-100.5 (%)	99.96 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 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



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

John Su
QA & QC Manager