

Certificate of Analysis

Date of Testing: 2025-03-27 12:01:45

Date of Next Testing: 2029-03-26 12:01:45

Product Name: **Potassium bicarbonate**

CAS Number: 298-14-6

Specifications & Purity: AR, ≥99.5%

Lot #: C2524456

SKU #: **P110485**

Version **0**

Analysis #: **488472**

Parameter	Limit Values	Result
Phosphate(PO ₄)	0-0.002 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.05 (%)	0.00 %
Sodium(Na)	0-0.4 (%)	0.01 %
Chloride and Bromide(As Cl ⁻)	0-0.05 (%)	0.00 %
Silicate(SiO ₃)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Assay	99.5-100 (%)	99.99 %
Calcium(Ca)	0-0.002 (µg/mg)	0.00 µg/mg
Heavy metals	0-0.0005 (%)	0.00 %
PH at 25°C(5% in water)	0-8.6	0.50
Insoluble matter in H ₂ O	0-0.002 (%)	0.00 %
Aluminum(Al)	0-0.002 (%)	0.00 %
Magnesium(Mg)	0-0.03 (%)	0.00 %
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