

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-24 09:18:47
Date of Next Testing: 2027-07-23 09:18:47
Product Name: **Potassium bicarbonate**
CAS Number: 298-14-6
Specifications & Purity: Analytical Reagent,99.5%
Lot #: G23181002
SKU #: **P110485**
Analysis: **255250**

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 (%)	0.02 %
Sodium(Na)	0-0.4 (%)	0.01 %
Chloride and Bromide(As Cl ⁻)	0-0.05 (%)	0.02 %
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	0.70
Insoluble matter in H ₂ O	0-0.002 (%)	0.00 %
Aluminum(Al)	0-0.002 (%)	0.00 %
Magnesium(Mg)	0-0.03 (%)	0.02 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager