

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-15 17:30:23
 Date of Next Testing: 2026-02-14 17:30:23
 Product Name: **Potassium bicarbonate**
 CAS Number: 298-14-6
 Specifications & Purity: Analytical Reagent,99.5%
 Lot #: B2212378
 SKU #: **P110485**
 Analysis: **107346**

Parameter	Limit Values	Result
Phosphate(PO4)	0-0.002 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.05 (%)	0.05 %
Sodium(Na)	0-0.4 (%)	0.08 %
Chloride and Bromide(As Cl-)	0-0.05 (%)	0.04 %
Silicate(SiO3)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Assay	99.5-100 (%)	99.54 %
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	8.20
Insoluble matter in H2O	0-0.002 (%)	0.00 %
Aluminum(Al)	0-0.002 (%)	0.00 %
Magnesium(Mg)	0-0.03 (%)	0.01 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager