

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-05 16:17:19  
Date of Next Testing: 2027-01-04 16:17:19  
Product Name: **Potassium bicarbonate**  
CAS Number: 298-14-6  
Specifications & Purity: Analytical Reagent,99.5%  
Lot #: A2303512  
SKU #: **P110485**  
Analysis: **174719**

Parameter	Limit Values	Result
Phosphate(PO4)	0-0.002 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.05 (%)	0.02 %
Sodium(Na)	0-0.4 (%)	0.20 %
Chloride and Bromide(As Cl-)	0-0.05 (%)	0.03 %
Silicate(SiO3)	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	6.80
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