

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-24 08:57:29
Date of Next Testing: 2027-03-23 08:57:29
Product Name: **Potassium bicarbonate**
CAS Number: 298-14-6
Specifications & Purity: Analytical Reagent,99.5%
Lot #: C2320810
SKU #: **P110485**
Analysis: **203021**

| Parameter | Limit Values | Result |
|------------------------------|-----------------------|-----------------------|
| Phosphate(PO4) | 0-0.002 (%) | 0.00 % |
| Total Nitrogen | 0-0.001 (%) | 0.00 % |
| Sulfate(SO42-) | 0-0.05 (%) | 0.00 % |
| Sodium(Na) | 0-0.4 (%) | 0.02 % |
| Chloride and Bromide(As Cl-) | 0-0.05 (%) | 0.00 % |
| 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 | 2.30 |
| Insoluble matter in H2O | 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 |



John Su
QA & QC Manager