

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-30 16:19:40

Date of Next Testing: 2030-01-29 16:19:40

Product Name: **Potassium bicarbonate**

CAS Number: 298-14-6

Specifications & Purity: AR, ≥99.5%

Lot #: A2626621

SKU #: **P110485**

Version: **0**

Analysis #: **635384**

Storage Temperature: Room temperature

| Parameter                                 | Limit Values          | Result                |
|-------------------------------------------|-----------------------|-----------------------|
| Phosphate(PO <sub>4</sub> )               | 0-0.002 (%)           | 0.00000 %             |
| Total Nitrogen                            | 0-0.001 (%)           | 0.00000 %             |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )   | 0-0.05 (%)            | 0.00000 %             |
| Sodium(Na)                                | 0-0.4 (%)             | 0.00000 %             |
| Chloride and Bromide(As Cl <sup>-</sup> ) | 0-0.05 (%)            | 0.00000 %             |
| Silicate(SiO <sub>3</sub> )               | 0-0.005 (%)           | 0.00000 %             |
| Iron(Fe)                                  | 0-0.0005 (%)          | 0.00000 %             |
| Assay                                     | 99.5-100 (%)          | 99.99020 %            |
| Calcium(Ca)                               | 0-0.002 (µg/mg)       | 0.00000 µg/mg         |
| Heavy metals                              | 0-0.0005 (%)          | 0.00000 %             |
| PH at 25°C(5% in water)                   | 0-8.6                 | 0.00000               |
| Insoluble matter in H <sub>2</sub> O      | 0-0.002 (%)           | 0.00000 %             |
| Aluminum(Al)                              | 0-0.002 (%)           | 0.00000 %             |
| Magnesium(Mg)                             | 0-0.03 (%)            | 0.00000 %             |
| X-Ray Diffraction                         | Conforms to Structure | Conforms to Structure |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager