

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-19 18:53:40

Date of Next Testing: 2029-09-18 18:53:40

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

Specifications & Purity: ACS

Lot #: I2516532

SKU #: **S112335**

Version: **1**

Analysis #: **573604**

Storage Temperature: Room temperature

| Parameter               | Limit Values          | Result                |
|-------------------------|-----------------------|-----------------------|
| Magnesium(Mg)           | 0-0.005 (%)           | 0.00010 %             |
| Heavy metal (as Pb)     | 0-5 (ppm)             | 0.00000 ppm           |
| Phosphate(PO4)          | 0-0.001 (%)           | 0.00000 %             |
| Sulfate(SO42-)          | 0-0.003 (%)           | 0.00000 %             |
| Calcium(Ca)             | 0-0.02 (%)            | 0.00000 %             |
| Potassium(K)            | 0-0.005 (%)           | 0.00060 %             |
| Iron(Fe)                | 0-0.001 (%)           | 0.00000 %             |
| Insoluble matter in H2O | 0-0.015 (%)           | 0.00000 %             |
| Assay                   | 99.7-100.3 (%)        | 100.09000 %           |
| Chloride (Cl-)          | 0-0.003 (%)           | 0.00000 %             |
| Ammonia (NH4)           | 0-5 (ppm)             | 5.00000 ppm           |
| Appearance (S112335)    | white powder          | White powder          |
| X-Ray Diffraction       | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager