

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-14 15:32:03  
 Date of Next Testing: 2030-04-13 15:32:03  
 Product Name: **Sodium bicarbonate**  
 CAS Number: 144-55-8  
 Specifications & Purity: GR, ≥99.8%  
 Lot #: D2601309  
 SKU #: **S112334**  
 Version: **2**  
 Analysis #: **676935**  
 Storage Temperature: Room temperature

| Parameter                    | Limit Values          | Result                |
|------------------------------|-----------------------|-----------------------|
| Chloride and Bromide(As Cl-) | 0-0.001 (%)           | 0.00000 %             |
| Calcium(Ca)                  | 0-0.005 (µg/mg)       | 0.00000 µg/mg         |
| Potassium(K)                 | 0-0.005 (%)           | 0.00140 %             |
| Heavy metal (as Pb)          | 0-0.0005 (%)          | 0.00010 %             |
| Magnesium(Mg)                | 0-0.002 (%)           | 0.00060 %             |
| Sulfate(SO42-)               | 0-0.002 (%)           | 0.00000 %             |
| Insoluble matter in H2O      | 0-0.005 (%)           | 0.00000 %             |
| Iron(Fe)                     | 0-0.0005 (%)          | 0.00000 %             |
| Nitrogen content             | 0-0.0005 (%)          | 0.00000 %             |
| Assay                        | 99.8-100 (%)          | 99.98000 %            |
| Appearance (S112334)         | white powder          | White powder          |
| X-Ray Diffraction            | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager