

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2026-05-20 14:48:21  
Date of Next Testing: 2030-05-19 14:48:21  
Product Name: **Sodium bicarbonate**  
CAS Number: 144-55-8  
Specifications & Purity: ACS  
Lot #: H2204016  
SKU #: **S112335**  
Version: **1**  
Analysis #: **707623**  
Storage Temperature: Room temperature

| Parameter                               | Limit Values          | Result                |
|-----------------------------------------|-----------------------|-----------------------|
| Magnesium(Mg)                           | 0-0.005 (%)           | 0.00012 %             |
| Heavy metal (as Pb)                     | 0-5 (ppm)             | 0.00000 ppm           |
| Phosphate(PO <sub>4</sub> )             | 0-0.001 (%)           | 0.00060 %             |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.003 (%)           | 0.00200 %             |
| Ammonia (NH <sub>4</sub> )              | 0-5 (ppm)             | 3.90000 ppm           |
| Calcium(Ca)                             | 0-0.02 (%)            | 0.00000 %             |
| Potassium(K)                            | 0-0.005 (%)           | 0.00400 %             |
| Iron(Fe)                                | 0-0.001 (%)           | 0.00000 %             |
| Insoluble matter in H <sub>2</sub> O    | 0-0.015 (%)           | 0.00000 %             |
| Assay                                   | 99.7-100.3 (%)        | 100.20000 %           |
| Chloride (Cl <sup>-</sup> )             | 0-0.003 (%)           | 0.00200 %             |
| Appearance (S112335)                    | white powder          | White powder          |
| X-Ray Diffraction                       | Conforms to Structure | Conforms to Structure |

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