



**ChemPure\* Brand  
Chemicals**

Cust-Product Code: CP-A2294D  
Lot #: 2026021315

...Pure Quality

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** Sodium Bicarbonate  
Powder, ACS

F.W.: 84.0100

**CHEMICAL FORMULA:** NaHCO<sub>3</sub>

CAS No: 144-55-8

Density: 2.1600

| ANALYTICAL RESULTS                      |                |            |
|---|----------------|------------|
| ITEM                                    | SPECIFICATIONS | ANALYSIS   |
| Assay (NaHCO <sub>3</sub> ) dried basis | 99.7-100.3%    | 99.9%      |
| Insoluble Matter                        | 0.015% max.    | 0.001%     |
| Chloride (Cl)                           | 0.003% max.    | 0.0009%    |
| Phosphate (PO <sub>4</sub> )            | 0.001% max.    | 0.0003%    |
| Sulfur compounds (as SO <sub>4</sub> )  | 0.003% max.    | 0.0004%    |
| Ammonium (NH <sub>4</sub> )             | 5 ppm max.     | 1 ppm      |
| Heavy metals (by ICP-OES)               | 5 ppm max.     | 1 ppm      |
| Iron (Fe)                               | 0.001% max.    | 0.0003%    |
| Calcium (Ca)                            | 0.02% max.     | 0.007%     |
| Magnesium (Mg)                          | 0.005% max.    | 0.001%     |
| Potassium (K)                           | 0.005% max.    | 0.003%     |
| Manufacture Date                        | Record Actual  | 02/13/2026 |
| Expiration date                         | Record Actual  | 02/2029    |
| REMARKS                                 |                |            |
|   |                |            |
|   |                |            |

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