

## Certificate of Analysis

Date of Testing: 2024-10-25 16:51:31

Date of Next Testing: 2028-10-24 16:51:31

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

Specifications & Purity: AR, ≥99.8%

Lot #: J2417777

SKU #: **S112331**

Version: **2**

Analysis #: **426460**

| Parameter                                    | Limit Values          | Result                |
|----------------------------------------------|-----------------------|-----------------------|
| Nitrogen by Elemental Analysis               | 0-0.001 (%)           | 0.00 %                |
| Assay                                        | 99.8-100 (%)          | 99.86 %               |
| Insoluble matter in H2O                      | 0-0.01 (%)            | 0.00 %                |
| Sulfate(SO42-)                               | 0-0.005 (%)           | 0.00 %                |
| Potassium(K)                                 | 0-0.01 (%)            | 0.00 %                |
| Iron(Fe)                                     | 0-0.001 (%)           | 0.00 %                |
| Magnesium(Mg)                                | 0-0.003 (%)           | 0.00 %                |
| Heavy metal (as Pb)                          | 0-0.001 (%)           | 0.00 %                |
| Chloride (Cl-)                               | 0-0.002 (%)           | 0.00 %                |
| Phosphates and silicates(calculated as SiO2) | 0-0.005 (%)           | 0.00000 %             |
| Calcium(Ca)                                  | 0-0.007 (%)           | 0.00 %                |
| X-Ray Diffraction                            | Conforms to Structure | Conforms to Structure |



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