

## Certificate of Analysis

| <b>Product Name</b> |  | Sodium Bicarbonate USP   |                          |
|---------------------|--|--|--------------------------|
| Sr. No.             | Tests                                      | Specification  | Result                   |
| 1                   | Description                                | White or almost white Crystalline Powder                                     | White Crystalline Powder |
| 2                   | Insoluble substances                       | Solution is complete and clear   | Complies                 |
| 3                   | Identification                             | A. Reaction of Sodium: Must Complies<br>B. Reaction of bicarbonate: Complies | Complies                 |
| 4                   | Chloride                                   | NMT 0.015%   | Complies                 |
| 5                   | Sulfur Compound                            | NMT 0.015%   | Complies                 |
| 6                   | Carbonate                                  | Sodium does not assume not more than a faint pink color immediately          | Complies                 |
| 7                   | Arsenic                                    | NMT 2 ppm  | Complies                 |
| 8                   | Ammonia                                    | NMT 20 ppm   | Complies                 |
| 9                   | Loss on Drying (Over silica gel for 4 hrs) | NMT 0.25%  | 0.15%                    |
| 10                  | Assay (on dry basis)                       | 99.0% to 100.50% of NaHCO <sub>3</sub>                                       | 99.97%                   |