

## Sodium Acetate Anhydrous USP Specification

| Sr.No | Test                      | Specification                                                                                                                               |
|-------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | Description               | White or almost white, crystalline powder or colourless crystals.                                                                           |
| 2     | Solubility                | Freely soluble in water, practically insoluble in ethanol (96 per cent)                                                                     |
| 3     | Identification by Sodium  | It gives reaction of Sodium.                                                                                                                |
| 4     | Identification by Acetate | It gives reaction of Acetate.                                                                                                               |
| 5     | Chloride                  | Not more than 350 ppm                                                                                                                       |
| 6     | Sulphate                  | Not more than 50 ppm                                                                                                                        |
| 7     | Calcium and Magnesium     | Passes test                                                                                                                                 |
| 8     | Potassium                 | Passes test                                                                                                                                 |
| 9     | Aluminium*                | Not more than 0.2 ppm ("*" Aluminium test applicable only when Sodium Acetate is intended for use in the preparation of dialysis solutions) |
| 10    | pH                        | 7.5 to 9.2                                                                                                                                  |
| 11    | Insoluble matter          | Not more than 0.05%                                                                                                                         |
| 12    | Loss on drying            | Not more than 1.0%                                                                                                                          |
| 13    | Assay (On dried basis)    | Not less than 99.00% and not more than 101.00%                                                                                              |