

## Disodium Phosphate Monohydrate USP Specification

| Sr.No | Test                        | Specification                                 |
|-------|-----------------------------|-----------------------------------------------|
| 1     | Description                 | White crystalline powder                      |
| 2     | Solubility                  | Freely soluble in water, insoluble in Alcohol |
| 3     | Identification by Sodium    | It gives reaction of Sodium.                  |
| 4     | Identification by phosphate | It gives reaction of phosphate.               |
| 5     | Insoluble substances        | Not more than 0.4%                            |
| 6     | Chloride                    | Not more than 0.06%                           |
| 7     | Sulphate                    | Not more than 0.2%                            |
| 8     | Arsenic                     | Not more than 16 ppm                          |
| 9     | Loss on drying              | 10.30%–12.00%                                 |
| 10    | Assay (On dried basis)      | Not less than 98.00% to Not more than 100.50% |



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