

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

|                          |                                               |
|--------------------------|-----------------------------------------------|
| Product Name:            | <b>Sodium phosphate dibasic dodecahydrate</b> |
| Specifications & Purity: | Guaranteed Reagent, 99%                       |
| SKU #                    | <b>S112623</b>                                |

| Parameter                                                                            | Limit Values                     |
|--------------------------------------------------------------------------------------|----------------------------------|
| Iron(Fe)                                                                             | 0-5 (ppm)                        |
| Potassium(K)                                                                         | 0-50 (ppm)                       |
| (As)Arsenic                                                                          | 0-0.5 (ppm)                      |
| Insoluble matter in H <sub>2</sub> O                                                 | 0-0.005 (%)                      |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )                                              | 0-50 (ppm)                       |
| Assay                                                                                | 99-100 (%)                       |
| Chloride (Cl <sup>-</sup> )                                                          | 0-5 (ppm)                        |
| pH                                                                                   | 9-9.3                            |
| Heavy metal (as Pb)                                                                  | 0-5 (ppm)                        |
| Appearance (S112623)                                                                 | colorless to white crystal solid |
| Solubility in H <sub>2</sub> O , Colorless Clear, 0.5 g to 10 ml of H <sub>2</sub> O | pass                             |
| X-Ray Diffraction                                                                    | Conforms to Structure            |
| Nitrogen compounds(as N)                                                             | 0-0.001 (%)                      |