

Certificate of Analysis

Date of Testing: 2023-01-31 17:05:08

Date of Next Testing: 2027-01-30 17:05:08

Product Name: **Sodium phosphate dibasic dodecahydrate**

CAS Number: 10039-32-4

Specifications & Purity: Analytical Reagent,99%

Lot #: A2314238

SKU #: **S112619**

Analysis: **147950**

Storage Temperature: Protected from light

| Parameter | Limit Values | Result |
|---|----------------------------------|----------------------------------|
| Iron(Fe) | 0-5 (ppm) | 0.00 ppm |
| Insoluble matter in H2O | 0-0.005 (%) | 0.00 % |
| (As)Arsenic | 0-5 (ppm) | 0.00 ppm |
| Heavy metal (as Pb) | 0-5 (ppm) | 0.00 ppm |
| Assay(T) | 99-102.5(%) | 101.00000 |
| Nitrogen compounds(as N) | 0-0.002 (%) | 0.00070 % |
| Sulfate(SO42-) | 0-0.005 (%) | 0.00 % |
| Chloride (Cl-) | 0-0.001 (%) | 0.00 % |
| Potassium(K) | 0-100 (ppm) | 37.00 ppm |
| PH | 9-9.3 | 9.29 |
| Appearance (S112619) | colorless to white crystal solid | colorless to white crystal solid |
| Solubility in H2O , Colorless Clear,0.5 g to 10 ml of H2O | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager