

Certificate of Analysis

Date of Testing: 2024-06-11 11:48:38

Date of Next Testing: 2028-06-10 11:48:38

Product Name: **Sodium phosphate dibasic dodecahydrate**

CAS Number: 10039-32-4

Specifications & Purity: Analytical Reagent,99%

Lot #: E2430515

SKU #: **S112619**

Version: **3**

Analysis #: **360676**

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 % |
| PH | 9.1-9.4 | 9.38 |
| (As)Arsenic | 0-5 (ppm) | 0.00 ppm |
| Heavy metal (as Pb) | 0-5 (ppm) | 0.00 ppm |
| Assay(T) | 99-102.5(%) | 100.12000 |
| Nitrogen compounds(as N) | 0-0.002 (%) | 0.00020 % |
| Sulfate(SO42-) | 0-0.005 (%) | 0.00 % |
| Chloride (Cl-) | 0-0.001 (%) | 0.00 % |
| Potassium(K) | 0-100 (ppm) | 100.00 ppm |
| 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 |



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