

Certificate of Analysis

Date of Testing: 2023-03-27 19:24:48

Date of Next Testing: 2027-03-26 19:24:48

Product Name: **Sodium phosphate dibasic dodecahydrate**

CAS Number: 10039-32-4

Specifications & Purity: Analytical Reagent,99%

Lot #: C2324219

SKU #: **S112619**

Analysis: **195163**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	1.40 ppm
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Potassium(K)	0-100 (ppm)	55.00 ppm
PH	9.1-9.4	9.14
(As)Arsenic	0-5 (ppm)	0.20 ppm
Heavy metal (as Pb)	0-5 (ppm)	0.20 ppm
Assay(T)	99-102.5(%)	99.30000
Nitrogen compounds(as N)	0-0.002 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Chloride (Cl-)	0-0.001 (%)	0.00 %
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