

Certificate of Analysis

Date of Testing: 2023-10-17 16:02:15

Date of Next Testing: 2027-10-16 16:02:15

Product Name: **Sodium phosphate dibasic dodecahydrate**

CAS Number: 10039-32-4

Specifications & Purity: Guaranteed Reagent,99%

Lot #: J2309707

SKU #: **S112623**

Analysis: **286573**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	17.40 ppm
(As)Arsenic	0-0.5 (ppm)	0.00 ppm
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Sulfate(SO42-)	0-50 (ppm)	1.08 ppm
Assay	98.5-101.5 (%)	101.39 %
Chloride (Cl-)	0-5 (ppm)	0.36 ppm
PH	9-9.3	9.18
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Nitrogen compounds(as N)	0-0.001 (%)	0.00080 %
Appearance (S112623)	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