

Certificate of Analysis

Date of Testing: 2024-08-22 10:44:06

Date of Next Testing: 2028-08-21 10:44:06

Product Name: **Sodium phosphate dibasic dodecahydrate**

CAS Number: 10039-32-4

Specifications & Purity: Guaranteed Reagent, 99%

Lot #: H2412509

SKU #: **S112623**

Version: **1**

Analysis #: **052095**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00 ppm
(As)Arsenic	0-0.5 (ppm)	0.00 ppm
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-50 (ppm)	26.32 ppm
Chloride (Cl ⁻)	0-5 (ppm)	3.20 ppm
PH	9-9.3	9.25
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Nitrogen compounds(as N)	0-0.001 (%)	0.00050 %
Potassium(K)	0-50 (ppm)	0.00 ppm
Assay	99-100 (%)	99.01 %
Appearance (S112623)	colorless to white crystal solid	colorless to white crystal solid
Solubility in H ₂ O , Colorless Clear, 0.5 g to 10 ml of H ₂ O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager