

Certificate of Analysis

Date of Testing: 2024-12-16 15:15:57

Date of Next Testing: 2028-12-15 15:15:57

Product Name: **Sodium phosphate dibasic dodecahydrate**

CAS Number: 10039-32-4

Specifications & Purity: AR, ≥99%

Lot #: L2413704

SKU #: **S112619**

Version: **3**

Analysis #: **442002**

Storage Temperature: Protected from light, Cool

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00 ppm
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Potassium(K)	0-100 (ppm)	45.00 ppm
PH	9.1-9.4	9.18
(As)Arsenic	0-5 (ppm)	0.00 ppm
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Assay(T)	99-102.5(%)	100.25000 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00 %
Chloride (Cl ⁻)	0-0.001 (%)	0.00 %
Nitrogen compounds(as N)	0-0.002 (%)	0.00200 %
Appearance (S112619)	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