

## Certificate of Analysis

Date of Testing: 2022-09-22 17:04:57

Date of Next Testing: 2026-09-21 17:04:57

Product Name: **Sodium phosphate dibasic dodecahydrate**

CAS Number: 10039-32-4

Specifications & Purity: Analytical Reagent,99%

Lot #: I2220708

SKU #: **S112619**

**Analysis:** **131440**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00 ppm
Sulfate(SO42-)	0-100 (ppm)	26.60 ppm
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Chloride (Cl-)	0-100 (ppm)	56.20 ppm
PH	9-9.3	9.07
(As)Arsenic	0-5 (ppm)	0.00 ppm
Assay(T)	99-102.5(%)	100.20000
Nitrogen compounds(as N)	0-0.002 (%)	0.00000 %
Potassium(K)	0-100 (ppm)	100.00 ppm
Heavy metal (as Pb)	0-5 (ppm)	5.00 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



John Su  
QA & QC Manager