

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-10 10:19:42
 Date of Next Testing: 2029-05-09 10:19:42
 Product Name: **Sodium phosphate dibasic dodecahydrate**
 CAS Number: 10039-32-4
 Specifications & Purity: AR, ≥99%
 Lot #: D2517524
 SKU #: **S112619**
 Version: **3**
 Analysis #: **493822**
 Storage Temperature: Protected from light, Cool

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Insoluble matter in H ₂ O	0-0.005 (%)	0.00000 %
Potassium(K)	0-100 (ppm)	85.00000 ppm
pH	9.1-9.4	9.18000
(As)Arsenic	0-5 (ppm)	0.00000 ppm
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Assay(T)	99-102.5(%)	100.16000 %
Nitrogen compounds(as N)	0-0.002 (%)	0.00080 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00000 %
Chloride (Cl ⁻)	0-0.001 (%)	0.00000 %
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