

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-25 16:35:41

Date of Next Testing: 2029-04-24 16:35:41

Product Name: **Sodium phosphate dibasic dodecahydrate**

CAS Number: 10039-32-4

Specifications & Purity: AR, ≥99%

Lot #: D2517511

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 H2O	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(SO42-)	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 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