

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-03-06 21:16:01

Date of Next Testing: 2025-03-05 21:16:01

Product Name: **Sodium phosphate dibasic dodecahydrate**

CAS Number: 10039-32-4

Specifications & Purity: GR, ≥99%

Lot #: B2104159

SKU #: **S112623**

Version: **1**

Analysis #: **001182**

Storage Temperature: Protected from light, Cool

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	49.11 ppm
(As)Arsenic	0-0.5 (ppm)	0.00 ppm
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Nitrogen compounds(as N)	0-0.001 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-50 (ppm)	25.00 ppm
Assay	99-100 (%)	99.80 %
Chloride (Cl ⁻)	0-5 (ppm)	1.20 ppm
pH	9-9.3	9.16
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
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