

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-06 19:05:16  
Date of Next Testing: 2027-03-05 19:05:16  
Product Name: **Sodium phosphate monobasic dihydrate**  
CAS Number: 13472-35-0  
Specifications & Purity: Analytical Reagent  
Lot #: C2301094  
SKU #: **S102313**  
Analysis: **157579**

Parameter	Limit Values	Result
Copper(Cu)	0-50 (ppm)	0.00 ppm
PH	4-4.5	4.35
Purity (Titration by NaOH)	99-101 (%)	99.86%
Chloride (Cl-)	0-50 (ppm)	12.37 ppm
Calcium(Ca)	0-50 (ppm)	9.19 ppm
Nickel(Ni)	0-50 (ppm)	1.16 ppm
Sulfate(SO42-)	0-50 (ppm)	5.62 ppm
Zinc(Zn)	0-50 (ppm)	0.00 ppm
Iron(Fe)	0-50 (ppm)	40.70 ppm
Lead(Pb)	0-50 (ppm)	0.00 ppm
Potassium(K)	0-200 (ppm)	198.00 ppm
Appearance (S102313)	Colorless or White Crystals, May Contain Lumps	Colorless or White Crystals, May Contain Lumps
Solubility,Colorless and clear(5% in pass H2O)		Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager