

## Certificate of Analysis

Date of Testing: 2022-08-16 16:25:40  
 Date of Next Testing: 2026-08-15 16:25:40  
 Product Name: **Sodium phosphate monobasic dihydrate**  
 CAS Number: 13472-35-0  
 Specifications & Purity: Analytical Reagent  
 Lot #: H2212469  
 SKU #: **S102313**  
**Analysis: 113896**

Parameter	Limit Values	Result
Copper(Cu)	0-50 (ppm)	0.00 ppm
PH	4-4.5	4.22
Purity (Titration by NaOH)	99-101 (%)	99.09%
Chloride (Cl-)	0-50 (ppm)	43.69 ppm
Potassium(K)	0-200 (ppm)	0.00 ppm
Nickel(Ni)	0-50 (ppm)	0.00 ppm
Sulfate(SO42-)	0-50 (ppm)	42.94 ppm
Zinc(Zn)	0-50 (ppm)	0.00 ppm
Iron(Fe)	0-50 (ppm)	12.36 ppm
Lead(Pb)	0-50 (ppm)	3.53 ppm
Calcium(Ca)	0-50 (ppm)	0.16 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



ALADDIN SCIENTIFIC CORPORATION

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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