

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-27 14:31:36  
 Date of Next Testing: 2026-05-26 14:31:36  
 Product Name: **Sodium dihydrogen phosphate monohydrate**  
 CAS Number: 10049-21-5  
 Specifications & Purity: Premium-Grade Reagents , for Analysis, ACS,Reag. Ph Eur  
 Lot #: E2316725  
 SKU #: **S431210**  
 Version: **1**  
 Analysis #: **216842**  
 Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Assay(alkalimetric)	99-102 (%)	100.91000 %
Insoluble matter	0-0.01 (%)	0.00 %
PH (5%, water) 25 ° C	4.1-4.5	4.34
UV absorption(280 nm,1 mol/,1 cm,water)	≤0.05	0.02100
Chloride (Cl-)	0-0.0005 (%)	0.00 %
Sulfate(SO4)	0-0.003 (%)	0.00000 %
Total nitrogen(N)	0-0.001 (%)	0.00000 %
Heavy metals (ACS)	0-0.0005 (%)	0.00000 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Appearance(S431210)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager