

Certificate of Analysis

Date of Testing: 2025-02-06 16:56:04

Date of Next Testing: 2028-02-06 16:56:04

Product Name: **Sodium dihydrogen phosphate dihydrate**

CAS Number: 13472-35-0

Specifications & Purity: Ph.Eur., Suitable for Analysis, ISO, Premium pure

Lot #: B2505096

SKU #: **S431967**

Version: **1**

Analysis #: **468583**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(alkalimetric, calculated on anhydrous substance)	99-100.5 (%)	99.12000 %
In water insoluble matter (caiculated on dried substance)	≤0.15 (%)	0.00000 %
pH-value (1 %, water)	4.1-5.0	4.35000
pH-value (5 %; water)	4.2-4.5	4.24000
Chloride (Cl-)	0-0.0005 (%)	0.00 %
Fluoride (F-)	0-0.001 (%)	0.00 %
Total nitrogen (as N)	≤0.001 (%)	0.00000 %
Sulfate(SO42-)	0-0.01 (%)	0.00 %
Heavy metals(as Pb)	0-0.0005 (%)	0.00 %
(As)Arsenic	0-0.00005 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Cadmium(Cd)	0-0.0001 (%)	0.00 %
Cobalt(Co)	0-0.005 (%)	0.00 %
Copper(Cu)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Loss on drying(130°C)	21.5-24.0 (%)	22.77 %
Mercury(ICP)	≤0.00001 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Nickel(Ni)	0-0.005 (%)	0.00 %
Lead(Pb)	0-0.0004 (%)	0.00 %
Zinc(Zn)	0-0.025 (%)	0.00 %
Hydrogenphosphate(HPO4)	≤ 0.5 (%)	0.00000 %



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Parameter	Limit Values	Result
Appearance(S431967)	Colorless or White Crystals, May Contain Lumps	Colorless or White Crystals, May Contain Lumps
Substances reducing potassium permanganate (as O)	passes test	Passes test

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager