

Certificate of Analysis

Date of Testing: 2025-02-13 11:50:02

Date of Next Testing: 2029-02-12 11:50:02

Product Name: **Sodium phosphate dibasic**

CAS Number: 7558-79-4

Specifications & Purity: anhydrous, ACS, ≥99%

Lot #: B2511504

SKU #: **S274390**

Version: **2**

Analysis #: **465613**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (T)	99-101 (%)	100.14 %
Insoluble matter	≤ 0.01 (%)	0.00 %
PH	8.7-9.3	9.09
Loss on drying(105°C)	≤ 0.2 (%)	0.06 %
(As)Arsenic	≤ 1 (ppm)	0.10 ppm
Calcium(Ca)	≤ 10 (ppm)	0.00 ppm
Cadmium(Cd)	≤ 5 (ppm)	0.00 ppm
Cobalt(Co)	≤ 5 (ppm)	0.00 ppm
Chromium (ICP)	≤ 5 (ppm)	0.00 ppm
Copper(Cu)	≤ 5 (ppm)	0.00 ppm
Iron(Fe)	≤ 5 (ppm)	0.00 ppm
Magnesium(Mg)	≤ 5 (ppm)	0.10 ppm
Manganese(Mn)	≤ 5 (ppm)	0.00 ppm
Nickel(Ni)	≤ 5 (ppm)	0.00 ppm
Lead(Pb)	≤ 2 (ppm)	0.00 ppm
Zinc(Zn)	≤ 5 (ppm)	0.00 ppm
Total sulfur as SO4 (ICP)	≤ 50 (ppm)	22.00 ppm
Heavy metals	≤ 10 (ppm)	0.00 ppm
Chloride (Cl-)	≤ 10 (ppm)	6.00 ppm
Total Nitrogen	≤ 10 (ppm)	0.00 ppm
Potassium(K)	≤ 50 (ppm)	50.00 ppm
Appearance(S274390)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Solubility,Colorless,Clear,25°C water 50mg/mL	Pass	Pass



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager