

## Certificate of Analysis

Date of Testing:	2024-02-27 11:45:23
Date of Next Testing:	2028-02-26 11:45:23
Product Name:	<b>Sodium phosphate dibasic</b>
CAS Number:	7558-79-4
Specifications & Purity:	anhydrous, 99.0%, ACS
Lot #:	B2422105
SKU #	<b>S274390</b>
<b>Analysis:</b>	<b>318510</b>
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Purity (T)	99-101 (%)	100.75 %
Insoluble matter	≤ 0.01 (%)	0.00 %
PH	8.7-9.3	9.22
Loss on drying(105°C)	≤ 0.2 (%)	0.01 %
(As)Arsenic	≤ 1 (ppm)	0.00 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)	0.00 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)	0.00 ppm
Heavy metals	≤ 10 (ppm)	0.00 ppm
Chloride (Cl-)	≤ 10 (ppm)	0.00 ppm
Total Nitrogen	≤ 10 (ppm)	5.00 ppm
Potassium(K)	≤ 50 (ppm)	49.00 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". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager