

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2022-10-31 17:04:49
Date of Next Testing:	2026-10-30 17:04:49
Product Name:	Sodium phosphate dibasic
CAS Number:	7558-79-4
Specifications & Purity:	anhydrous, 99.0%, ACS
Lot #:	J2227719
SKU #	S274390
Analysis:	145289
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Purity (T)	99-101 (%)	100.34 %
Insoluble matter	≤ 0.01 (%)	0.00 %
PH	8.7-9.3	9.07
Loss on drying(105°C)	≤ 0.2 (%)	0.12 %
(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
Potassium(K)	≤ 50 (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)	1.00 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



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

John Su
QA & QC Manager