

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-15 13:53:12
 Date of Next Testing: 2027-05-14 13:53:12
 Product Name: **Sodium phosphate dibasic**
 CAS Number: 7558-79-4
 Specifications & Purity: anhydrous, 99.0%, ACS
 Lot #: E2312247
 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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager