

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-05 15:46:37
 Date of Next Testing: 2029-08-04 15:46:37
 Product Name: **Sodium phosphate dibasic**
 CAS Number: 7558-79-4
 Specifications & Purity: anhydrous, ACS, ≥99%
 Lot #: G2528383
 SKU #: **S274390**
 Version: **2**
 Analysis #: **537037**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (T)	99-101 (%)	99.30 %
Insoluble matter	≤ 0.01 (%)	0.00 %
pH	8.7-9.3	9.04
Loss on drying(105°C)	≤ 0.2 (%)	0.15 %
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)	3.00 ppm
Copper(Cu)	≤ 5 (ppm)	0.00 ppm
Iron(Fe)	≤ 5 (ppm)	0.00 ppm
Magnesium(Mg)	≤ 5 (ppm)	0.20 ppm
Manganese(Mn)	≤ 5 (ppm)	0.00 ppm
Nickel(Ni)	≤ 5 (ppm)	0.00 ppm
Lead(Pb)	≤ 2 (ppm)	1.80 ppm
Zinc(Zn)	≤ 5 (ppm)	0.00 ppm
Total sulfur as SO4 (ICP)	≤ 50 (ppm)	0.00 ppm
Heavy metals	≤ 10 (ppm)	5.00 ppm
Total Nitrogen	≤ 10 (ppm)	9.00 ppm
(As)Arsenic	≤ 1 (ppm)	0.00 ppm
Potassium(K)	≤ 50 (ppm)	50.00 ppm
Chloride (Cl-)	≤ 10 (ppm)	10.00 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



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager