

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Sodium phosphate dibasic**
Specifications & Purity: anhydrous, 99.0%, ACS
SKU #: **S274390**

Parameter	Limit Values
Appearance(S274390)	Colorless or White Powder or Crystals
Purity (T)	99-101 (%)
Insoluble matter	≤ 0.01 (%)
Solubility,Colorless,Clear,25°C water 50mg/mL	Pass
pH	8.7-9.3
Loss on drying(105°C)	≤ 0.2 (%)
(As)Arsenic	≤ 1 (ppm)
Calcium(Ca)	≤ 10 (ppm)
Cadmium(Cd)	≤ 5 (ppm)
Cobalt (Co)	≤ 5 (ppm)
Chromium (ICP)	≤ 5 (ppm)
Copper(Cu)	≤ 5 (ppm)
Iron(Fe)	≤ 5 (ppm)
Potassium(K)	≤ 50 (ppm)
Magnesium (Mg)	≤ 5 (ppm)
Manganese(Mn)	≤ 5 (ppm)
Nickel(Ni)	≤ 5 (ppm)
Lead(Pb)	≤ 2 (ppm)
Zinc(Zn)	≤ 5 (ppm)
Total sulfur as SO ₄ (ICP)	≤ 50 (ppm)
Heavy metals	≤ 10 (ppm)
Chloride (Cl ⁻)	≤ 10 (ppm)
Total Nitrogen	≤ 10 (ppm)