

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-14 15:09:31
Date of Next Testing: 2027-11-14 15:09:31
Product Name: **Sodium phosphate monobasic**
CAS Number: 7558-80-7
Specifications & Purity: UltraPureChrom™, for HPLC, ≥99%(T)
Lot #: K2412598
SKU #: **S433621**
Version: **1**
Analysis #: **426849**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by 0.1M NaOH)	99.0-101 (%)	99.72%
PH(20 °C, 10% in Water)	4-4.5	4.21
UV Absorbance 260nm	0-0.06	0.05
UV Absorbance 210nm	0-0.1	0.06
UV Absorbance 280nm	0-0.04	0.03
UV Absorbance 320nm	0-0.02	0.01
UV Absorbance 500nm	0-0.02	0.00
Appearance(S433621)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Solubility in H2O(25°C , colorless clear ,100mg/ml)	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Suitability Test (HPLC)	Pass	Pass



John Su
QA & QC Manager