

Certificate of Analysis

Date of Testing: 2023-08-09 15:54:38
Date of Next Testing: 2026-08-08 15:54:38
Product Name: **Sodium phosphate monobasic**
CAS Number: 7558-80-7
Specifications & Purity: suitable for HPLC, 99.0-101.0% (T)
Lot #: H2307883
SKU #: **S433621**
Analysis: **262224**

Parameter	Limit Values	Result
Purity(Titration by 0.1M NaOH)	99.0-101 (%)	99.48 %
PH(20 °C, 10% in Water)	4-4.5	4.37
UV Absorbance 210nm	0-0.1	0.04
UV Absorbance 260nm	0-0.06	0.02
UV Absorbance 280nm	0-0.04	0.02
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
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Solubility in H2O(25°C , colorless clear ,100mg/ml)	Pass	Pass
Suitability Test (HPLC)	Pass	Pass



John Su
QA & QC Manager