

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-31 18:38:26
 Date of Next Testing: 2029-07-30 18:38:26
 Product Name: **Potassium phosphate monobasic**
 CAS Number: 7778-77-0
 Specifications & Purity: UltraPureChrom™, HPLC grade, ≥99.5%(T)
 Lot #: G2524040
 SKU #: **P113045**
 Version: **1**
 Analysis #: **440704**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
UV Absorbance 210nm(10 % in H ₂ O)	0-0.1	0.00000
UV Absorbance 300nm(10 % in H ₂ O)	0-0.02	0.00310
UV Absorbance 230nm(10 % in H ₂ O)	0-0.04	0.00040
UV Absorbance 500nm(10 % in H ₂ O)	0-0.02	0.00150
UV Absorbance 220nm(10 % in H ₂ O)	0-0.06	0.01710
Purity(Neutralization titration)	99.5-100.5 (%)	99.53000 %
Appearance (P113045)	Colorless or White or pale yellow Powder or Crystals	Colorless or White or pale yellow Powder or Crystals
Solubility in H ₂ O , soluble0.1 g/mL at 25 °C, clear, colorless	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager