

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-01 18:16:04
 Date of Next Testing: 2029-05-31 18:16:04
 Product Name: **Potassium phosphate dibasic**
 CAS Number: 7758-11-4
 Specifications & Purity: UltraPureChrom™, for HPLC, ≥99%(T)
 Lot #: E2629457
 SKU #: **P433944**
 Version: **4**
 Analysis #: **395228**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	99-101 (%)	100.01000 %
Loss on drying	0-1 (%)	0.45000 %
UV Absorbance 230nm(10 % in H ₂ O)	0-0.15	0.00011
UV Absorbance 500nm(10 % in H ₂ O)	0-0.02	0.00300
pH(5% solution)	8.5-9.6	9.30600
UV Absorbance 310nm(10 % in H ₂ O)	0-0.05	0.00100
UV-Absorption at 240nm(10% in H ₂ O)	0-0.12	0.00860
UV-Absorption at 250nm(10% in H ₂ O)	0-0.11	0.00014
Appearance(P433944)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
suitability test (hplc)	corresponds to standard	corresponds to standard
Solubility,Colorless and clear(5% in H ₂ O)	pass	Pass
RESIDUE (FILTER TEST, 10 % IN H ₂ O)	No residue	no residue
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager