

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-22 14:43:15
 Date of Next Testing: 2029-12-21 14:43:15
 Product Name: **Potassium phosphate dibasic anhydrous**
 CAS Number: 7758-11-4
 Specifications & Purity: HPLC grade, ≥99%(T)
 Lot #: L2512122
 SKU #: **P112221**
 Version: **0**
 Analysis #: **519307**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Loss on drying(130°C)	0-1 (%)	0.06000 %
UV Absorbance 240nm	0-0.12	0.11000
UV Absorbance 230nm	0-0.15	0.12000
Absorbance (at 250 nm)	0-0.11	0.10000
UV Absorbance 310nm	0-0.05	0.04200
Purity (T)	99-100 (%)	99.53000 %
UV Absorbance 500nm	0-0.02	0.01800
PH(20 °C, 10% in Water)	8.7-9.3	9.20000
Appearance (P112221)	white powder	White powder
Solubility in H ₂ O , soluble 0.1 g/mL at 25 °C, clear, colorless	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
λ, 10% in H ₂ O	Pass	Pass



John Su
QA & QC Manager