

Certificate of Analysis

Date of Testing: 2024-10-15 15:22:08

Date of Next Testing: 2028-10-14 15:22:08

Product Name: **Potassium phosphate dibasic anhydrous**

CAS Number: 7758-11-4

Specifications & Purity: Chromatographic grade, ≥99%(T)

Lot #: L2014055

SKU #: **P112221**

Version: **0**

Analysis #: **420331**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(130°C)	0-1 (%)	0.30 %
UV Absorbance 240nm	0-0.12	0.03
UV Absorbance 230nm	0-0.15	0.03
UV Absorbance 250nm	0-0.11	0.02
UV Absorbance 310nm	0-0.05	0.01
Purity (T)	99-100 (%)	99.10 %
UV Absorbance 500nm	0-0.02	0.00
PH(20 °C, 10% in Water)	8.7-9.3	8.90
Appearance (P112221)	white powder	White powder
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
λ,10% in H ₂ O	Pass	Pass



John Su
QA & QC Manager