

Certificate of Analysis

Date of Testing: 2022-07-03 10:37:33
Date of Next Testing: 2026-07-02 10:37:33
Product Name: **Potassium phosphate dibasic anhydrous**
CAS Number: 7758-11-4
Specifications & Purity: for HPLC, $\geq 99.0\%$ (T)
Lot #: F2223331
SKU #: **P112221**
Analysis: 108395
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(130°C)	0-1 (%)	0.43 %
UV Absorbance 240nm	0-0.12	0.04
UV Absorbance 230nm	0-0.15	0.07
UV Absorbance 250nm	0-0.11	0.02
UV Absorbance 310nm	0-0.05	0.02
Purity (T)	99-100 (%)	99.30 %
UV Absorbance 500nm	0-0.02	0.00
PH(20 °C, 10% in Water)	8.7-9.3	9.10
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