

Certificate of Analysis

Date of Testing: 2023-03-04 17:12:28

Date of Next Testing: 2027-03-03 17:12:28

Product Name: **Potassium phosphate dibasic anhydrous**

CAS Number: 7758-11-4

Specifications & Purity: for HPLC, ≥99.0%(T)

Lot #: C2301803

SKU #: **P112221**

Analysis: 194180

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(130°C)	0-1 (%)	0.00 %
UV Absorbance 240nm	0-0.12	0.01
UV Absorbance 230nm	0-0.15	0.00
UV Absorbance 250nm	0-0.11	0.00
UV Absorbance 310nm	0-0.05	0.02
Purity (T)	99-100 (%)	99.99 %
UV Absorbance 500nm	0-0.02	0.01
PH(20 °C, 10% in Water)	8.7-9.3	9.00
Appearance (P112221)	white powder	White powder
Solubility in H2O , soluble0.1 g/mL at 25 °C, clear, colorless	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
λ,10% in H2O	Pass	Pass



John Su
QA & QC Manager