

Certificate of Analysis

Date of Testing: 2022-06-15 09:50:37
Date of Next Testing: 2026-06-14 09:50:37
Product Name: **Potassium hydrogen phthalate**
CAS Number: 877-24-7
Specifications & Purity: for HPLC, >99.5%
Lot #: H1803096
SKU #: **P112256**
Analysis: **099151**

Parameter	Limit Values	Result
UV Absorbance 340nm	0-0.03	0.02
UV Absorbance 330nm	0-0.05	0.04
UV Absorbance 350nm	0-0.02	0.02
UV Absorbance 500nm	0-0.02	0.01
Melting point	295-300 (°C)	297.05000 °C
PH(10% in water 25°C)	3.5-5	4.34
Assay	99.8-100 (%)	99.92 %
Appearance (P112256)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , soluble 100 mg/mL, Colorless transparent	pass	Pass
λ, 10% in H ₂ O	Pass	Pass



John Su
QA & QC Manager