

## Certificate of Analysis

Date of Testing: 2024-07-03 13:28:18  
Date of Next Testing: 2028-07-02 13:28:18  
Product Name: **Potassium hydrogen phthalate**  
CAS Number: 877-24-7  
Specifications & Purity: for HPLC, >99.5%  
Lot #: J2009396  
SKU #: **P112256**  
Version: **0**  
Analysis #: **379747**

Parameter	Limit Values	Result
UV Absorbance 340nm	0-0.03	0.01
UV Absorbance 330nm	0-0.05	0.04
UV Absorbance 350nm	0-0.02	0.02
UV Absorbance 500nm	0-0.02	0.00
Assay	99.8-100 (%)	99.80%
Melting point	295-300 (°C)	298.02000 °C
PH(10% in water 25°C)	3.5-5	4.50
Appearance (P112256)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , soluble 100 mg/mL, Colorless transparent	pass	Pass
λ, 10% in H <sub>2</sub> O	Pass	Pass



John Su  
QA & QC Manager