

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-22 18:24:08  
Date of Next Testing: 2027-02-21 18:24:08  
Product Name: **Potassium hydrogen phthalate**  
CAS Number: 877-24-7  
Specifications & Purity: for HPLC, >99.5%  
Lot #: B2313069  
SKU #: **P112256**  
Analysis: **124516**

Parameter	Limit Values	Result
UV Absorbance 340nm	0-0.03	0.01
UV Absorbance 330nm	0-0.05	0.02
UV Absorbance 350nm	0-0.02	0.01
UV Absorbance 500nm	0-0.02	0.01
Melting point	295-300 (°C)	299.81000 °C
PH(10% in water 25°C)	3.5-5	3.98
Assay	99.8-100 (%)	99.83%
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