

## Certificate of Analysis

Date of Testing: 2024-03-29 17:18:41  
Date of Next Testing: 2027-03-29 17:18:41  
Product Name: **Potassium hydrogen phthalate**  
CAS Number: 877-24-7  
Specifications & Purity: Premium-Grade Reagents , for Analysis, Reag. Ph Eur  
Lot #: C2422118  
SKU #: **P434310**  
**Analysis:** **338117**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Perchloric acid titration from dried substance)	99.5-102.5 (%)	99.96000 %
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
Sulfur compounds(as SO4)	0-0.005 (%)	0.00000 %
Heavy metals(as Pb)	0-0.0005 (%)	0.00 %
Copper(Cu)	0-0.0002 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.01 %
Lead(Pb)	0-0.0005 (%)	0.00 %
Loss on drying(105°C)	0-0.2 (%)	0.03 %
Appearance(P434310)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager