

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-13 10:08:44  
 Date of Next Testing: 2026-10-12 10:08:44  
 Product Name: **Potassium hydrogen phthalate**  
 CAS Number: 877-24-7  
 Specifications & Purity: Premium-Grade Reagents , for Analysis, Reag. Ph Eur  
 Lot #: J2310494  
 SKU #: **P434310**  
**Analysis:** **279035**  
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Perchloric acid titration from dried substance)	99.5-102.5 (%)	100.05000 %
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	0-0.002 (%)	0.00 %
Sulfur compounds(as SO <sub>4</sub> )	0-0.005 (%)	0.00270 %
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 (%)	0.04 %
Appearance(P434310)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager