

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-27 18:48:04  
Date of Next Testing: 2027-03-26 18:48:04  
Product Name: **Potassium phthalate monobasic**  
CAS Number: 877-24-7  
Specifications & Purity: 99.8%  
Lot #: C23231240  
SKU #: **P112244**  
Analysis: **193876**

Parameter	Limit Values	Result
Iron(Fe)	0-0.0005 (%)	0.00 %
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	0-0.002 (%)	0.00 %
Loss on drying	0-0.05 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.006 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.01 %
PH(5% in water,25°C)	3.8-4.2	4.05
Assay	99.8-100 (%)	99.81 %
Appearance(P112244)	Colorless crystal or white crystalline powder	Colorless crystal or white crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager