

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-27 13:08:11  
Date of Next Testing: 2027-07-26 13:08:11  
Product Name: **Potassium phthalate monobasic**  
CAS Number: 877-24-7  
Specifications & Purity: 99.8%  
Lot #: G23131410  
SKU #: **P112244**  
Analysis: **214828**

Parameter	Limit Values	Result
Iron(Fe)	0-0.0005 (%)	0.00 %
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
PH(5% in water,25°C)	3.8-4.2	3.96
Chloride (Cl-)	0-0.002 (%)	0.00 %
Assay	99.8-100 (%)	99.96 %
Sulfate(SO42-)	0-0.006 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.01 %
Loss on drying	0-0.05 (%)	0.03 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(P112244)	White Crystals or powder or crystalline powder or flakes	White Crystals or powder or crystalline powder or flakes



John Su  
QA & QC Manager