

## Certificate of Analysis

Date of Testing: 2022-06-04 13:40:37  
Date of Next Testing: 2026-06-03 13:40:37  
Product Name: **Potassium phthalate monobasic**  
CAS Number: 877-24-7  
Specifications & Purity: 99.8%  
Lot #: E2231447  
SKU #: **P112244**  
Analysis: **094189**

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 %
Sodium(Na)	0-0.01 (%)	0.00 %
Total Nitrogen	0-0.006 (%)	0.00 %
PH(5% in water,25°C)	3.8-4.2	4.00
Chloride (Cl-)	0-0.002 (%)	0.00 %
Ammonia (NH4)	0-0.005 (%)	0.00 %
Loss on drying	0-0.05 (%)	0.03 %
Assay	99.8-100 (%)	99.83 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager