

Certificate of Analysis

Date of Testing: 2024-10-16 15:13:17

Date of Next Testing: 2028-10-15 15:13:17

Product Name: **Potassium phthalate monobasic**

CAS Number: 877-24-7

Specifications & Purity: $\geq 99.8\%$

Lot #: J2412646

SKU #: **P112244**

Version: **2**

Analysis #: **414079**

Parameter	Limit Values	Result
Iron(Fe)	0-0.0005 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.01 %
PH(5% in water, 25°C)	3.8-4.2	3.91
Chloride (Cl ⁻)	0-0.002 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.006 (%)	0.00 %
Loss on drying	0-0.05 (%)	0.05 %
Assay	99.8-100 (%)	99.81 %
Appearance(P112244)	White Crystals or powder or crystalline powder or flakes	White Crystals or powder or crystalline powder or flakes
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager