

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	01969
Product	Potassium hydrogen phthalate, acidimetric standard Phthalic acid potassium salt
CAS Number	877-24-7
Molecular Formula	C ₈ H ₅ O ₄ K
Molecular Weight	204.23

Appearance	White crystalline powder
Solubility	Clear and colorless solution (10% aq. Solution)
Melting Point	294 - 296 °C
Density	1.64
Heavy Metals	≤ 5 ppm
Sulfur Compounds	≤ 0.002%
Anion	Chlorine compounds (Cl ⁻): ≤ 0.003%
Cation	Iron (Fe) : ≤ 5 ppm Sodium (Na) : ≤ 0.005%
pH	4.0 - 4.5 (0.05 M solution)
Insoluble material	≤ 0.005%
Assay by titration	99 - 100% (Dry basis)
Grade	ACS reagent
Application	Acidimetric standard.
Storage	Store at RT

For Laboratory Use Only