

# *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

---

## *Certificate of Analysis*

<b>Catalogue Number</b>	01969
<b>Lot Number</b>	002126-19064
<b>Product</b>	<b>Potassium hydrogen phthalate, acidimetric standard</b> Phthalic acid potassium salt
<b>CAS Number</b>	877-24-7
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>5</sub> O <sub>4</sub> K
<b>Molecular Weight</b>	204.23

---

<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Clear and colorless (10% aqueous)
<b>Melting Point</b>	295 °C (dec.)
<b>Density</b>	1.64
<b>Heavy Metals</b>	3 ppm
<b>Sulfur Compounds</b>	0.002%
<b>Anion</b>	Chlorine compounds (Cl <sup>-</sup> ) : 0.002%
<b>Cation</b>	Iron (Fe) : 4 ppm Sodium (Na) : 0.0045%
<b>pH</b>	4.01 (0.05 M solution)
<b>Insoluble material</b>	0.003%
<b>Assay by titration</b>	99.98%
<b>Grade</b>	ACS reagent
<b>Storage</b>	Store at RT

# *Certificate of Analysis*

**Catalog Number: 01969**

**Lot Number: 002126-19064**

---

**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**