

# *Chem-Impex International, Inc.*

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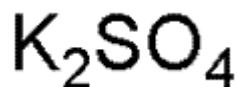
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*



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<b>Catalogue Number</b>	01254
<b>Product</b>	<b>Potassium sulfate</b>
<b>CAS Number</b>	7778-80-5
<b>Molecular Formula</b>	K <sub>2</sub> SO <sub>4</sub>
<b>Molecular Weight</b>	174.3
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<b>Appearance</b>	White or colorless crystals
<b>Solubility</b>	11 g in 100 mL water at 20 °C
<b>Melting Point</b>	1069 °C (Approx.) (Lit.)
<b>Heavy Metals</b>	≤ 5 ppm
<b>Anion</b>	Chloride (Cl <sup>-</sup> ) : ≤ 0.001%
<b>Cation</b>	Iron (Fe) : ≤ 5 ppm Calcium (Ca) : ≤ 0.01% Magnesium (Mg) : ≤ 0.005% Sodium (Na) : ≤ 0.02% Nitrogen compounds (as N) : ≤ 5 ppm
<b>pH</b>	5.5 - 8.5
<b>Insoluble material</b>	≤ 0.01%
<b>Assay by titration</b>	≥ 99%
<b>Grade</b>	ACS reagent
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification : To pass test

**For Laboratory Use Only**