

# *Chem-Impex International, Inc.*

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**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

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## *Product Specifications*

$\text{AlK}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$

<b>Catalogue Number</b>	01203
<b>Product</b>	<b>Aluminum potassium sulfate dodecahydrate</b>  Potassium alum
<b>CAS Number</b>	7784-24-9
<b>Molecular Formula</b>	$\text{AlK}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
<b>Molecular Weight</b>	474.4

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<b>Appearance</b>	White colorless or crystalline powder
<b>Solubility</b>	5.7 g in 100 mL water at 0 °C
<b>Melting Point</b>	92 °C (Approx.)
<b>Heavy Metals</b>	≤ 0.001%
<b>Anion</b>	Chloride (Cl <sup>-</sup> ) : ≤ 5 ppm
<b>Cation</b>	Iron (Fe) : ≤ 0.001% Ammonium (NH <sub>4</sub> <sup>+</sup> ) : ≤ 0.005% Sodium (Na) : ≤ 0.02%
<b>Insoluble material</b>	≤ 0.005%
<b>Assay by titration</b>	≥ 99%
<b>Grade</b>	ACS reagent
<b>Storage</b>	Store at RT

**For Laboratory Use Only**