

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	29920
Product	Aluminum potassium sulfate dodecahydrate Potassium alum
CAS Number	7784-24-9
Molecular Formula	AlK(SO ₄) ₂ •12H ₂ O
Molecular Weight	474.4

Appearance	White crystalline powder
Solubility	5.7 g in 100 mL water at 0 °C; extremely soluble in hot water.
Melting Point	92 °C (Approx.)
Heavy Metals	≤ 0.001% (as Pb)
Anion	Chloride (Cl ⁻): ≤ 5 ppm Fluoride (F ⁻): ≤ 0.003%
Cation	Ammonium (NH ₄ ⁺): ≤ 0.005% Sodium (Na): ≤ 0.02% Iron (Fe): ≤ 0.001%, To pass test Selenium (Se): < 0.003%
Insoluble material	≤ 0.005%
Assay by titration	99.5-100.5%
Grade	USP/FCC
Application	Buffer; flocculating reagent.
Storage	Store at RT

For Laboratory Use Only