

Chem-Impex International, Inc.

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Certificate of Analysis

Lot Number	002251-03616-29920
Product	Aluminum potassium sulfate dodecahydrate Potassium alum
CAS Number	7784-24-9
Molecular Formula	$\text{AlK}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
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): 0.006% Iron (Fe): < 0.001% (Passes test) Ammonium salt: Passes test Lead (Pb): 1 mg/Kg Selenium (Se): < 0.003%
Insoluble material	0.003%
Assay by titration	99.56%
Grade	ACS/USP/FCC reagent
Application	Buffer; flocculating reagent.
Storage	Store at RT

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Catalog Number: 29920

Lot Number: 002251-03616-29920

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