

# Chem-Impex International, Inc.

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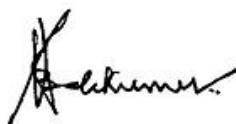
## Certificate of Analysis

<b>Catalogue Number</b>	01203
<b>Lot Number</b>	002126-190323
<b>Product</b>	<b>Aluminum potassium sulfate dodecahydrate</b>  Potassium alum
<b>CAS Number</b>	7784-24-9
<b>Molecular Formula</b>	AlK(SO <sub>4</sub> ) <sub>2</sub> •12H <sub>2</sub> O
<b>Molecular Weight</b>	474.4

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<b>Appearance</b>	White colorless 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>	< 0.0005% (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): < 2 ppm
<b>Cation</b>	Ammonium (NH <sub>4</sub> <sup>+</sup> ): 0.002% Sodium (Na): 0.005% Iron (Fe): < 0.0005%
<b>Insoluble material</b>	0.001%
<b>Assay by titration</b>	99.91%
<b>Grade</b>	ACS reagent
<b>Storage</b>	Store at RT
<b>Remarks</b>	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