

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	30223
Lot Number	002251-04815
Product	Aluminum nitrate nonahydrate
CAS Number	7784-27-2
Molecular Formula	Al ₃ (NO ₃) ₉ •9H ₂ O
Molecular Weight	375.13

Appearance	White crystals
Solubility	64 g in 100 mL at 25 °C in water.
Melting Point	73 °C (Approx.)
Heavy Metals	< 0.001% (as Pb)
Anion	Chloride (Cl ⁻): < 0.001% Sulfate (SO ₄ ²⁻): < 0.005%
Cation	Calcium (Ca): 0.0007% Magnesium (Mg): 0.0001% Sodium (Na): 0.0030% Potassium (K): 0.0004% Iron (Fe): < 0.001%
Insoluble material	0.003%
Assay by titration	98.41%
Grade	ACS reagent
Application	It is used in metal standard solutions; extraction of uranium.
Storage	Store at RT

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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