



Aqua Solutions, Inc.

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SPECIFICATION SHEET

ALUMINUM CHLORIDE HEXAHYDRATE / REAGENT CRYSTAL

Product Code	A3974
Chemical Name / Grade	Aluminum Chloride Hexahydrate / Reagent Crystal
Chemical Formula / CAS#	AlCl ₃ •6H ₂ O / CAS# 7784-13-6
Appearance	White crystals
Harmonization Code	2827.32.0000

CHEMICAL ANALYSIS / SPECIFICATIONS

Assay (NH ₄ Cl)	95.0 – 102.0%
Specifications	Minimum / Maximum
Water (Karl Fischer)	42.0 – 48.0%
pH (5%, 20°C)	2.5 – 3.5
Ammonium	0.001% Max.
Arsenic	0.0004% Max.
Calcium	0.02% Max.
Iron	10 ppm Max.
Potassium	0.01% Max.
Magnesium	0.01% Max.
Sodium	0.1% Max.
Heavy Metals (as Pb)	10 ppm Max.
Sulfate	100 ppm Max.
Alkali + Alkaline Earth Metals	0.5% Max.

This product is suitable for use in applications where the grade indicated above is required.

PREPARATION DATE (MM/DD/YY)

Original 0.0	05/03/2018: STN
Revision	

PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET FOR HEALTH, SAFETY, AND REGULATORY INFORMATION ON THIS PRODUCT.