



Aqua Solutions, Inc.

P.O. Box 70 Deer Park, TX 77536 Ph (281-479-2569)



SPECIFICATION SHEET

AMMONIUM CHLORIDE/ REAGENT ACS GRANULAR

Product Code	A4485
Chemical Name / Grade	Ammonium Chloride / Reagent ACS Granular
Chemical Formula / CAS#	NH ₄ Cl / CAS# 12125-02-9
Appearance	White crystals
Harmonization Code	2827.10.0000

CHEMICAL ANALYSIS / SPECIFICATIONS

Assay (NH ₄ Cl)	99.5% - 100.5%
Specifications	
Heavy Metals AS (Pb)	5 ppm Max.
Calcium	0.001% Max.
Iron (Fe)	2 ppm Max.
Magnesium	5 ppm Max.
Phosphate AS (PO ₄)	2 ppm Max.
pH of 5% SOL@ 25°C	4.6 – 5.5
Sulfate	0.002% Max.
Insoluble matter	0.005% Max.
(over silica gel/4h)	0.5% Max.
Residue after ignition	0.01% Max.

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

This product is prepared or certified as a reagent or standard for the following test methods:

PREPARATION DATE (MM/DD/YY)

Original 0.0	06/23/2016: STN
Revision	

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