



Aqua Solutions, Inc.

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SPECIFICATION SHEET

MAGNESIUM SULFATE HEPTAHYDRATE / REAGENT ACS CRYSTAL

Product Code	M0388
Chemical Name / Grade	Magnesium Sulfate Heptahydrate Reag ACS Crystal
Chemical Formula / CAS#	MgSO ₄ •7H ₂ O / CAS# 10034-99-8
Appearance	White granular crystals
Harmonization Code	2833.21.0000

CHEMICAL ANALYSIS / SPECIFICATIONS

Assay	98.0 – 102.0%
Specifications	Maximum
pH of a 5% solution @ 25° C	5.0 – 8.2
Nitrate (NO ₃)	0.002%
Ammonium (NH ₄)	0.002%
Chloride (Cl)	5 ppm
Calcium (Ca)	0.010 % Max
Sodium (Na)	0.005%
Potassium (K)	0.005%
Iron (Fe)	5 ppm
Manganese (Mn)	5 PPM
Strontium (Sr)	0.005%
Insoluble Matter	0.005%
Heavy metals (as Pb)	5 ppm

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

PREPARATION DATE (MM/DD/YY)

Original 0.0	01/08/2014: STN
Revision	

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