



Aqua Solutions, Inc.

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SPECIFICATION SHEET

MAGNESIUM CHLORIDE HEXAHYDRATE / REAGENT GRADE CRYSTAL

Product Code	M0246
Chemical Name / Grade	Magnesium Chloride Hexahydrate / Reagent ACS
Chemical Formula / CAS#	MgCl ₂ ·6H ₂ O / CAS# 7791-18-6
Appearance	White powder
Harmonization Code	2827.31.0000

CHEMICAL ANALYSIS / SPECIFICATIONS

Assay	99.0 – 102.0%
Specifications	Maximum
Calcium (Ca)	0.01%
Insoluble matter	0.005%
Iron (Fe)	5 ppm
Nitrate (NO ₃)	0.001%
Phosphate (PO ₄)	5 ppm
Sulfate (SO ₄)	0.002%
Ammonium (NH ₄)	0.002%
Barium (Ba)	0.005%
Manganese (Mn)	5 ppm
Potassium (K)	0.005%
Sodium (Na)	0.005%
Strontium (Sr)	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.