



Aqua Solutions, Inc.

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



SPECIFICATION SHEET

MANGANESE CHLORIDE / REAGENT CRYSTAL

Product Code	M0984
Chemical Name / Grade	Manganese Chloride / Reagent Crystal
Chemical Formula / CAS#	MnCl ₂ • 4H ₂ O / CAS# 13446-34-9
Appearance	Pink crystalline
Harmonization Code	2827.49.5000

CHEMICAL ANALYSIS / SPECIFICATIONS

Assay	98.0 – 101.0% Minimum
Specifications	Maximum
Insoluble Matter	0.005%
Calcium (Ca)	0.005%
Magnesium (Mg)	0.005%
Sulfate (SO ₄)	0.005%
Iron (Fe)	5 ppm
Potassium (K)	0.01%
Sodium (Na)	0.05%
Zinc (Zn)	0.005%
Heavy Metals (as Pb)	5 ppm
pH of a 5% solution @ 25° C	3.5 – 6.0

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.