



Aqua Solutions, Inc.

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



SPECIFICATION SHEET

MAGNESIUM OXIDE / REAGENT ACS POWDER

Product Code	M0300
Chemical Name / Grade	Magnesium Oxide / Reagent ACS Powder
Chemical Formula / CAS#	MgO / CAS# 1309-48-4
Appearance	White powder
Harmonization Code	2824.90.5000

CHEMICAL ANALYSIS / SPECIFICATIONS

Assay	95.0% min
Specifications	Maximum
Calcium (Ca)	0.05%
Nitrate (NO ₃)	0.005%
Iron (Fe)	0.01%
Barium (Ba)	0.005%
Chloride (Cl)	0.01%
Sulfate and Sulfite (as SO ₄)	0.02%
Manganese (Mn)	5 ppm
Potassium (K)	0.005%
Sodium (Na)	0.5%
Strontium (Sr)	0.005%
Heavy Metals (as Pb)	0.003%
Water soluble substances	0.4%
Insoluble in dilute hydrochloric acid	0.02%

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.