



## Specification for Magnesium Oxide, Powder, Reagent, ACS (M1055)

Item Number	M1055
Item	Magnesium Oxide, Powder, Reagent, ACS
CAS Number	1309-48-4
Molecular Formula	MgO
Molecular Weight	40.30
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY (MgO)	95.0 %	
INSOLUBLE IN DILUTE HCl		0.02 %
WATER-SOLUBLE SUBSTANCES		0.4 %
LOSS ON IGNITION		2.0 %
CHLORIDE (Cl)		0.01 %
NITRATE (NO <sub>3</sub> )		0.005 %
SULFATE AND SULFITE (as SO <sub>4</sub> )		0.02 %
BARIUM		0.005 %
CALCIUM (Ca)		0.05 %
MANGANESE (Mn)		5 ppm
POTASSIUM (K)		0.005 %
SODIUM (Na)		0.5 %
STRONTIUM (Sr)		0.005 %
HEAVY METALS (by ICP-OES)		0.003 %
IRON (Fe)		0.01 %

### *Spectrum Chemical Mfg Corp*

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