

Magnesium Oxide, Light, Lab-Grade

MgO FW 40.30
 CAS 1309-48-4
 53890-300 500 g 89.24

Magnesium Perchlorate, Reagent, A.C.S.

Mg(ClO₄)₂ FW 223.21
 CAS 10034-81-8
 54004-140 100 g 39.39
 54004-300 500 g 111.02 6X500 g 532.90
 54004-380 2 kg 397.70

A.C.S. Specifications

Suitability for moisture absorption P.T.
 Titrable free acid 0.005 meq/g max.
 Titrable base 0.025 meq/g max.
 Loss on drying @ 190° C8% max.

Magnesium Sulfate, Anhydrous, Reagent

MgSO₄ FW 120.36
 CAS 7487-88-9
 54096-300 500 g 72.29 6X500 g 347.00
 54096-380 2 kg 203.90 6X2 kg 978.68

Specifications

Assay (MgSO₄) after ignition99.0% min.
 Loss on ignition2.0% max.
 Chloride (Cl)0.001% max.
 Nitrate (NO₃)0.005% max.
 Ammonium (NH₄)0.005% max.
 Arsenic (As)1 ppm max.
 Calcium (Ca)0.05% max.
 Heavy metals (as Pb)0.001% max.
 Iron (Fe)0.001% max.
 Manganese(Mn)0.001% max.

Magnesium Sulfate, Crystals, Reagent, A.C.S.

MgSO₄ • 7H₂O FW 246.48
 CAS 10034-99-8
 54118-140 100 g 30.95
 54118-300 500 g 76.25 6X500 g 365.95
 54118-380 2 kg 171.83

A.C.S. Specifications

Assay(MgSO₄ • 7H₂O)98.0 - 102.0%
 pH of a 5% solution @ 25° C5.0 - 8.2
 Insoluble matter0.005% max.
 Chloride (Cl)5 ppm max.
 Nitrate (NO₃)0.002% max.
 Ammonium (NH₄)0.002% max.
 Calcium (Ca)0.02% max.
 Manganese (Mn)5 ppm max.
 Potassium (K)0.005% max.
 Sodium (Na)0.005% max.
 Strontium (Sr)0.005% max.
 Heavy metals (as Pb)5 ppm max.
 Iron(Fe)5 ppm max.

Magnesium Sulfate, 2.25%

(MgSO₄ • 7H₂O) Soln.
 For BOD
 APHA 5210 B
 54196-360 1 L 21.97

Traceable to NIST standards

Malachite Green Oxalate, (Basic Green 4)

C₄₈H₅₀N₄O₄ • 2H₂C₂O₄ FW 927.03
 CAS 2437-29-8
 54250-080 25 g 78.38

Color index: 42000
 Certified by: The Biological Stain Commission

Maleic Acid, 99%

HOOCCH : CHCOOH FW 116.08
 CAS 110-16-7
 54280-300 500 g 66.27 6X500 g 318.13