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

$MgCl_2 \cdot 6H_2O$ FW 203.30
CAS 7791-18-6

53590-300	500 g	**64.63**	6X500 g	**309.92**
53590-380	2 kg	**169.18**	6X2 kg	**812.12**

A.C.S. Specifications

Assay($MgCl_2 \cdot 6H_2O$)	99.0 - 102.0%
Insoluble matter	0.005% max.
Nitrate (NO_3)	0.001% max.
Phosphate (PO_4)	5 ppm max.
Sulfate (SO_4)	0.002% max.
Ammonium (NH_4)	0.002% max.
Barium (Ba)	0.005% max.
Calcium (Ca)	0.01% 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 Hydroxide, Powder, Reagent

$Mg(OH)_2$ FW 58.32
CAS 1309-42-8

53728-300	500 g	**41.26**	6X500 g	**197.73**

Specifications

Assay [$Mg(OH)_2$]	95.0 - 100.5%
Calcium (Ca)	0.7% max.
Carbonate (CO_3)	P.T.
Heavy metals (as Pb)	0.005% max.
Loss on ignition	30.0 - 33.0% max.

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

$Mg(NO_3)_2 \cdot 6H_2O$ FW 256.41
CAS 13446-18-9

53774-300	500 g	**52.88**	6X500 g	**253.83**

A.C.S. Specifications

Assay [$Mg(NO_3)_2 \cdot 6H_2O$]	98.0 - 102.0%
pH of a 5% solution @ 25° C	5 0 - 8 2
Insoluble matter	0.005% max.
Chloride(Cl)	0.001% max.
Phosphate (PO_4)	5 ppm max.
Sulfate (SO_4)	0.005% max.
Ammonium (NH_4)	0.003% max.
Barium (Ba)	0.005% max.
Calcium (Ca)	0.01% 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 Oxide, Powder, Reagent, A.C.S.

MgO FW 40.30
CAS 1309-48-4

53866-140	100 g	**89.64**	6X100 g	**430.51**

A.C.S. Specifications

Assay (dried basis) (MgO)	95.0% min.
Insoluble in dilute HCl	0.02% max.
Water-soluble substances	0.4% max.
Loss on ignition	2.0% max.
Chloride (Cl)	0.01% max.
Nitrate (NO_3)	0.005% max.
Sulfate & Sulfite (as SO_4)	0.02% max.
Barium(Ba)	0.005% max.
Calcium (Ca)	0.05% max.
Manganese (Mn)	5 ppm max.
Potassium (K)	0.005% max.
Sodium (Na)	0.5% max.
Strontium (Sr)	0.005% max.
Heavy metals (as Pb)	0.003% max.
Iron (Fe)	0.01% max.

Magnesium Oxide, Heavy, Lab-Grade

MgO FW 40.30
CAS 1309-48-4

53878-300	500 g	**64.05**	6X500 g	**307.12**