

LIGHT MAGNESIUM CARBONATE - PHARMACEUTICAL USE

(CAS: 546-93-0)

Nature	:	Basic, Amorphous
Appearance	:	White, Very Fine Powder
Taste	:	Tasteless
Odour	:	Odourless
pH	:	10.0 ± 0.5
Bulk Density (Loose)	:	Min. 0.07 gm/cm ³
Bulk Density (Packed)	:	0.09 gm/cm ³
Chloride	:	0.07 ± 0.01 % w/w
Sulphate	:	Max. 0.30 % w/w
Iron (as Fe)	:	Max. 50 ppm
Calcium	:	Max. 0.50 % w/w
Heavy Metals	:	Max. 10 ppm
Substance Insoluble in Acetic Acid	:	Max. 2.5 mg (0.05%) mg / %
Soluble Substances	:	1% (10 mg) mg / %
Solubility	:	Insol. in water; 5% soln. in dil. HCl clear
Particle Size	:	275–300 Mesh (50 µm)
MgO Assay	:	43 ± 1 % w/w
Moisture	:	Max. 2.0 % w/w

HEAVY MAGNESIUM CARBONATE - PHARMACEUTICAL USE

(CAS: 546-93-0)

Nature	:	Basic, Amorphous
Appearance	:	White, Very Fine Powder
Taste	:	Tasteless
Odour	:	Odourless
pH	:	10.0 ± 0.5
Bulk Density (Loose)	:	0.32 gm/cm ³
Bulk Density (Packed)	:	0.42 gm/cm ³
Chloride	:	0.07 ± 0.01 % w/w
Sulphate	:	Max. 0.30 % w/w
Iron (as Fe)	:	Max. 50 ppm
Calcium	:	0.45 ± 0.05 % w/w
Heavy Metals	:	Max. 10 ppm
Substance Insoluble in Acetic Acid	:	Max. 2.5 mg (0.05%) mg / %
Soluble Substances	:	1% (10 mg) mg / %
Solubility	:	Insol. in water; 5% soln. in dil. HCl clear
Particle Size	:	200–250 Mesh (50 µm)
MgO Assay	:	42 ± 1 % w/w
Moisture	:	Max. 2.0 % w/w

MAGNESIUM CARBONATE - COSMETIC / FOOD GRADE

(CAS: 546-93-0)

Nature	:	Basic
Appearance	:	White, Very Fine Powder
Taste	:	Tasteless
Odour	:	Odourless
pH	:	10.0 ± 0.5
Bulk Density (Loose)	:	0.08 gm/cm ³
Bulk Density (Packed)	:	0.10 gm/cm ³
Chloride	:	0.10 ± 0.01 % w/w
Sulphate	:	Max. 0.20 % w/w
Iron (as Fe)	:	Max. 50 ppm
Calcium	:	0.45 ± 0.05 % w/w
Heavy Metals	:	Max. 10 ppm
Acid Insoluble Substances	:	Max. 0.10 % w/w
Solubility	:	Insol. in water; 5% soln. in dil. HCl clear
Particle Size	:	275–300 Mesh (50 µm)
MgO Assay	:	43 ± 1 % w/w
Moisture	:	Max. 2.0 % w/w