

Specification: L.01.01.01.15

# MAGNESIUM CARBONATE EXTRA LIGHT PHARMACEUTICAL GRADE USP

Magnesium Carbonate Extra Light Pharmaceutical Grade is compliant to USP monograph and E504 (ii) according to 231/2012 and 133/2008 for food additives.

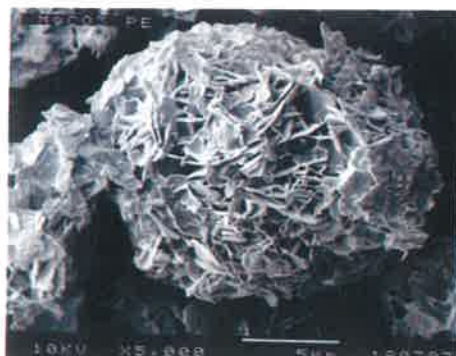
Appearance and solubility: Magnesium Carbonate is a free flowing white powder, insoluble in water and in alcohol. It dissolves in diluted minerals acids with effervescence.

Usable as :

- ✓ Active Substance for pharmaceutical production for human and/or veterinary drugs
- ✓ Excipient for pharmaceutical production for human and/or veterinary drugs
- ✓ Mineral supplements and/or food additive

<b>Chemical Analysis</b>	<b>Specification</b>	<b>Typical value</b>
Carbonate Identification	Positive	Positive
Magnesium Identification	Positive	Positive
MgO content (dry basis)	40,0 – 43,5 %	42,5 %
Acid-insoluble substances	0,05 % max	< 0,05 %
Soluble salts	1,00 % max	< 1,00 %
Calcium as Ca	0,45 % max	0,10 %
Iron as Fe	200 ppm max	150 ppm
Arsenic as As	3 ppm max	< 0,5 ppm
Lead as Pb	2 ppm max	< 0,5 ppm
Mercury as Hg	1 ppm max	< 0,5 ppm
Moisture	5,0 % max	2,5 %

<b>Microbial Limits</b>	<b>Specification</b>	<b>Typical value</b>
Total viable count	10 <sup>3</sup> ufc/g max	< 10 <sup>3</sup> ufc/g
Yeasts and Moulds	10 <sup>2</sup> ufc/g max	< 10 <sup>2</sup> ufc/g
Enterobacteria	Absent	Absent
Escherichia Coli	Absent	Absent
Salmonella	Absent	Absent



<b>Physical Properties</b>	<b>Specification</b>	<b>Typical value</b>
Bulk density	0,15 g/mL max	0,10 g/mL
Particle size: passing 325 mesh / 45µm (wet sieve)	95 % min	98,5 %

### Packaging

In multiwall paper bags containing 20 kg net on 600 kg pallet

**Retest date** : 24 months

TECHNICAL DATA SHEET

Version 00 of 21/09/2018



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