

MAGNESIUM CARBONATE EXTRA LIGHT PHARMACEUTICAL GRADE

Magnesium Carbonate Extra Light Pharmaceutical Grade is compliant to EP monograph

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.

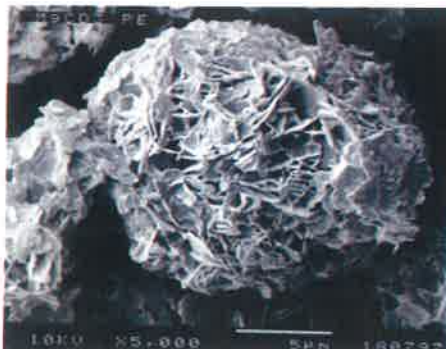
Usable as :

- ✓ 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

Chemical Analysis	Specification	Typical value
Magnesium Identification	Positive	Positive
Carbonate Identification	Positive	Positive
MgO content	40,0 – 45,0 %	42,5 %
Acetic solution appearance	No more coloured than B4	> B4
Chlorides / Cl	700 ppm max	< 700 ppm
Sulphates / SO ₄	0,30 % max	< 0,30 %
Solubles salts	1,00 % max	< 1,00 %
Calcium / Ca	0,75 % max	0,10 %
Iron / Fe	400 ppm max	200 ppm
Arsenic / As	2 ppm max	< 0,5 ppm
Acetic acid-insoluble substances	0,05 % max	< 0,05 %

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

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



Packaging
In multiwall paper bags containing 20 kg net on 600 kg pallet
Retest date : 24 months