

MAGNESIUM OXIDE LIGHT PHARMACEUTICAL GRADE

Magnesium Oxide Light Pharmaceutical Grade is compliant to EP monograph

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

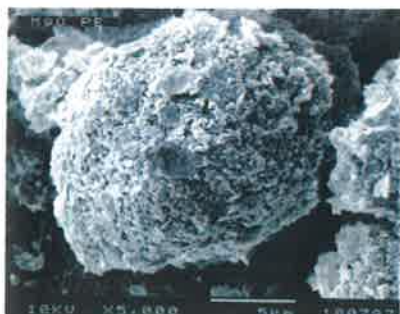
Usable as :

- ✓ 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
MgO (calcined basis)	98,0 – 100,5 %	99,0 %
Acetic solution appearance	No more coloured than B2	> B2
Soluble salts	2,0 % max	< 2,0 %
Chlorides / Cl	0,15 % max	< 0,15 %
Sulphates / SO ₄	1,0 % max	< 1,0 %
Calcium / Ca	1,5 % max	0,3 %
Iron / Fe	0,1 % max	0,05 %
Arsenic / As	4 ppm max	< 0,5 ppm
Acetic acid-insoluble	0,1 % max	< 0,1 %
Loss on calcination	8,0 % max	3,0 – 6,0 %

Physical Properties	Specification	Typical value
Bulk density	0,15 g/mL max	0,15 g/mL
Particle size: passing 325 mesh / 45µm (wet sieve)		97,0 %

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 with polyethylene inner bag containing 20 kg net on 320 kg pallet

Retest date : 24 months

Commitment: Current ICHQ3D tested and comply for Oral PDE (class 1 and 2A elements)