SCORA

EXTRA LIGHT MAGNESIUM OXIDE
Grade USP

High Purity Magnesia for Pharmaceutical and Chemical Applications

For use in the manufacture of antacid preparations and the production of pharmaceutical grade magnesium derivatives for mineral supplements and food additives.
For production of high-purity magnesium compounds, used in the production of detergents, used as acid acceptor.
Used as pH modifier and viscosity regulator.
Also used in manufacture of adhesives and rubber.

According to :
- US Pharmacopoeia monograph

The product can be proposed according to :
- European Pharmacopoeia monograph
- Food Chemical Codex monograph
- European monograph for food additives E530

Chemical Analysis	*Specification*	*Typical value*
Magnesium Identification	Positive	Positive
MgO (calcined basis)	96,0 – 100,5 %	99,0 %
Acid Insoluble substances	0,10 % max	0,05 %
Soluble salts	2,00 % max	0,50 %
Free alkali	2,0 ml max	0,5 ml
Calcium as Ca	1,1 % max	0,3 %
Iron as Fe	500 ppm max	300 ppm
Heavy metals	20 ppm max	<< 10 ppm
Loss on calcination	10,0 % max	2,0 – 6,0 %

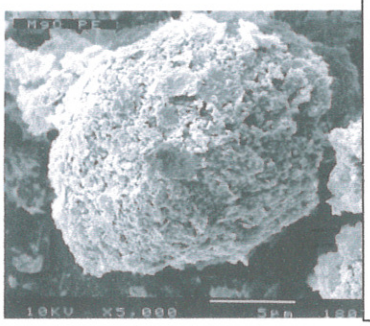
Physical Properties	*Specification*	*Typical value*
Bulk density		0,15 g/cc
Particle size : passing 325 mesh / 45µm (wet sieve)		99,5 %
Citric acid activity	Custom-tailored specifications are available	

Appearance

Free flowing white powder

Packaging

In multiwall paper bags with polyethylene inner bag containing 20 kg net on 320 kg pallet



TECHNICAL DATA SHEET

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AFAQ ISO 9001:2000 AFAQ N° 1998/9297a

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