

Specification: M.02.00.00.00

## MAGNESIUM OXIDE LIGHT FOOD GRADE

Magnesium Oxide Light Food Grade is compliant to E530 specification according to EU 231/2012 for food additive

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.

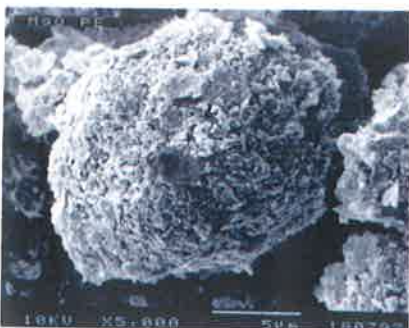
Usable as :

- ✓ Mineral supplements and/or food additive

<b>Identification tests</b>	<b>Specification</b>	<b>Typical value</b>
Magnesium Identification	Positive	Positive
Bulk density	0,15 g/mL max	Passes

<b>Chemical Analysis</b>	<b>Specification</b>	<b>Typical value</b>
MgO (calcined basis)	98,0 % min	99,0 %
Calcium Oxide / CaO	1,5 % max	0,3 %
Arsenic / As	3 ppm max	< 0,5 ppm
Lead / Pb	2 ppm max	< 0,5 ppm
Loss on ignition	5,0 % max	3,0 – 5,0 %

<b>Physical Properties</b>	<b>Specification</b>	<b>Typical value</b>
Particle size: passing 325 mesh / 45µm (wet sieve)		97,0 %



### **Packaging**

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

**Retest date : 24 months**

TECHNICAL DATA SHEET

Version 02 of 10/12/2019