

SCORALITE® LL250

HEAVY CALCIUM CARBONATE LL250

European Pharmacopoeia compliance

High Purity Calcium Carbonate for Pharmaceutical and Chemical Applications requiring high purity raw material

Very pure and with high free flowing properties Calcium Carbonate. For use in the manufacture of antacid preparations, Osteoporosis treatment, tablets and production of pharmaceutical calcium derivatives. For mineral supplements and food additives. For production of high-purity compounds, For production of optical glass.

Compliant with :
- European Pharmacopoeia

Chemical Analysis	Specification	Typical value
Calcium Identification	Positive	Positive
Carbonate Identification	Positive	Positive
CaCO ₃ (dry basis)	98,5 – 100,5 %	> 99,0 %
Loss on drying	2,0 % max	0,5 %
Acid Insoluble substances	0,20 % max	< 0,20 %
Chlorides	330 ppm	< 330 ppm
Sulphates	0,25 % max	< 0,25 %
Barium	Passes test	Passes
Arsenic As	4 ppm max	< 0,5 ppm
Iron Fe	200 ppm max	10 ppm
Lead Pb	250 ppb max	< 250 ppb
Magnesium and Alkali salts	1,50 % max	< 1,00 %

The product can be proposed compliant with :

- US Pharmacopoeia
- Food Chemical Codex
- European regulation for food additives E170

Appearance
Free flowing white powder
Solubility
Insoluble in water, in alcohol. Dissolves in dilute mineral acids with effervescence.



Physical Properties	Specification	Typical value
Bulk density		0,9 – 1,2 g/mL
Particle size : passing 325 mesh / 45µm (wet sieve)		98,5 %

Packaging
-Pallet of 1000kg in 50 multiwall paper bags containing 20kg net
-In big bag of 1000kg