



## Product Information

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# Calcipur® 2 - OG

Meeting Commission Regulation (EU) No. 231/2012 requirements for E 170 and FCC current version for "Calcium carbonate".  
Manufactured according to HACCP-principles.

PRODUCTION SITE: ORGON, France  
(certified ISO 9001, ISO 14001 and ISO 22000)

SHORT DESCRIPTION OF THE PRODUCT: A high purity natural calcium carbonate, manufactured from selected mineral.

CHEMICAL ANALYSIS:	CaCO <sub>3</sub>	99.5	%
	MgCO <sub>3</sub>	0.3	%
	Fe <sub>2</sub> O <sub>3</sub>	0.02	%
	Acid insoluble substances	0.1	%
	Heavy metals content	10	ppm
	Calcium content	39.8	%

SPECIFIC PRODUCT DATA:	Fineness:		
	· Residue on a 45 µm sieve (ISO 787/7)	0.01	%
	· Top cut (d98%)	12	µm
	· Mean particle size (d50%)	3	µm
	· Particles < 2 µm	33	%
	Optical properties:		
· CIE L*, a*, b* (ISO 11664-4)	962/045/32	%	
· Loss on drying (200 °C, 4 hrs)	2	%	

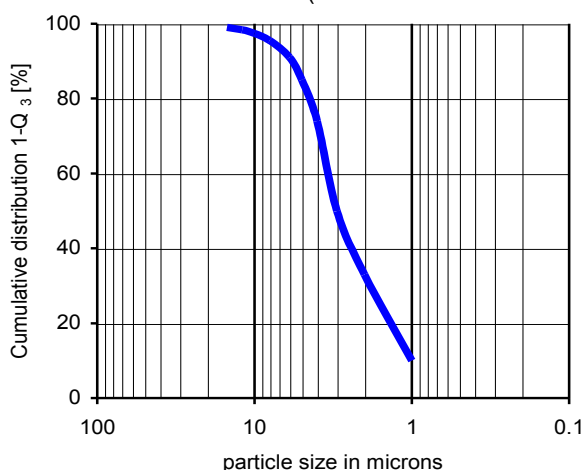
GENERAL PRODUCT DATA:	Raw material density (ISO 787/10)	2.7	g/ml
	Packed bulk density (ISO 787/11)	0.8	g/ml
	pH value (ISO 787/9)	9	

MAIN APPLICATIONS:

Food additive as E170 (Commission Regulation (EU) No. 231/2012)

- Calcium carbonate as FCC V
- Natural calcium source
- Chewing gum and gum base

PARTICLE SIZE DISTRIBUTION (Malvern Mastersizer 2000):



USAGE LEVEL:

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STANDARD PACKAGING:

- Minimum selling unit: pallet
- BAGS (paper) of 25 kg on one-way pallet of 1250 kg, shrink-wrapped
- Shelf life in dry conditions: 3 years

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