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Omyadent[®] 100 - OG

Production site

ORGON, France
(certified ISO 9001, ISO 14001, ISO 22000, ISO 45001)

Chemical composition

Calcium carbonate	(XRF)	10 - 20 %
Hydroxyapatite	(XRF)	80 - 90 %

Physical characteristics

Sieve residue > 45 µm	(ISO 787/7)	≤ 1 %
Median particle size (d50%)	(Malvern MS 2000)	5 - 9 µm
Top cut (d98%)	(Malvern MS 2000)	9 - 20 µm
CIE L*	(ISO 11664-4)	≥ 96.5

General characteristics

Loss on drying	(JECFA)	≤ 5 %
Fluoride	(JECFA)	≤ 50 ppm
Arsenic	(ICP-MS)	≤ 1 ppm
Lead	(ICP-MS)	≤ 2 ppm
Cadmium	(ICP-MS)	≤ 1 ppm
Heavy metals (as Pb)	(FCC, 4th edition)	≤ 20 ppm

Microbiological specifications

Aeromesophilic bacteria	(Phr. Eur.)	≤ 300 cfu/g
Yeast and moulds	(Phr. Eur.)	≤ 50 cfu/g