

Product Specification



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Omyacare S 70 - KP

Meeting requirements of Commission Regulation (EC) No. 1223/2009 on cosmetic products for "Calcium carbonate".

Production site	KEMALPASA , Turkey (certified ISO 9001, ISO 14001, ISO 45001, FSSC 22000 and BRC)	
Chemical composition	CaCO ₃	98 - 100.5 %
	MgCO ₃	≤ 1 %
	Fe ₂ O ₃	≤ 0.05 %
	HCl insoluble content	≤ 0.2 %
	Arsenic	≤ 3 ppm
	Lead	≤ 1.5 ppm
	Cadmium	≤ 0.5 ppm
	Heavy metals (as Pb)	≤ 20 ppm
Residue on a 45 µm sieve	(ISO 787/7)	≤ 0.15 %
Particles < 2 µm	(Omya GLS 010, Mastersizer)	19 - 31 %
Median particle size (d50%)	(Omya GLS 010, Mastersizer)	4 - 7 µm
Brightness Ry	(C/2°, DIN 53163)	≥ 95.5 %
Moisture ex works	(ISO 787/2)	≤ 0.3 %
<u>Microbiological specifications</u>		
Aeromesophilic bacteria	(ISO 4833)	≤ 1000 cfu/g
Yeast	(ISO 21527-2)	≤ 50 cfu/g
Moulds	(ISO 21527-2)	≤ 50 cfu/g