

# ÓXIDO DE ZINC COSMÉTICO

## FICHA TÉCNICA

Appearance	soft, white or faintly yellowish-white, amorphous powder, free from gritty particles
Solubility	practically insoluble in water and in ethanol (96 %). It dissolves in diluted mineral acids.
Identification	complies
ZnO	Min. 99.9 %
Impurities	Max. 0.1 %
As	Max. 1 ppm
Tl	Max. 5 ppm
Cd	Max. 5 ppm
Cl	Max. 5 ppm
Cu	Max. 2 ppm
Fe (EP)	Max. 5 ppm
Fe and other heavy metals (USP)	complies
Mn	Max. 1 ppm
Ni	Max. 1 ppm
Pb (EP)	Max. 10 ppm
Pb (USP)	complies
S	Max. 7 ppm
Moisture	Max. 0.2 %
Volatile substances	Max. 0.2 %
Loss on ignition	Max. 0.2 %
pH value	7.3 - 7.5
Soluble substances (in water)	Max. 0.10 %
Solubility (in HCl)	Min. 99.9 %
Alkalinity	complies
Carbonate and colour of solution	complies
Specific surface area (BET)	3.5 - 7.0 m <sup>2</sup> /g
Particle size (< 325 mesh)	Min. 99.9 %
Specific gravity	approx. 5.6 g/cm <sup>3</sup> *

\* only available as typical value

Parameters indicated in this specification are based on our current, carefully determined knowledge. It is the users own responsibility to test and analyze materials and therefore corroborate that products are adequate for their applications.