



TECHNICAL DATA SHEET

Chromium Oxide Green

This pigment is compliant with Cosmetic Regulation (EC) No.1223/2009 (Annex IV).

Description Synthetic bright green dry powder with high chemical purity

INCI Name CI 77288

Chemical Composition	By weight	CAS No.	CI Number	Einecs
Chromium Oxide Green	100 %	1308-38-9	77288	215-160-9

Trace Elements				
Arsenic (AS)	3.0 ppm	max.	result: 1.0 ppm	
Barium (Ba)	50.0 ppm	max.	result: 1.0 ppm	
Cadmium (Cd)	5.0 ppm	max.	result: 1.0 ppm	
Lead (Pb)	10.0 ppm	max.	result: 0.0 ppm	
Nickel (Ni)	200.0 ppm	max.	result: 1.0 ppm	
Mercury (Hg)	1.0 ppm	max.	result: 0.0 ppm	
Antimony (Sb)	100.0 ppm	max.	result: 1.0 ppm	
Zinc (Zn)	100.0 ppm	max.	result: 2.0 ppm	

Cr(VI) watersoluble 1.0 ppm max. (result: 0.6 ppm)

pH (10 % aqueous solution) 5-7

Density 5,2 g/cm³

Watersoluble matter 0,12 %

Particle size 0,3 µm

Heat resistance 300 °C

Total amount of bacteria < 100 cfu/g

Yeast and Mould < 100 cfu/g

Pathogens negative

The above information is the result of the quality check of our producer/supplier. They don't free the processor from own tests and the implementation of an entrance check. A legal binding assurance of certain characteristics or suitability for a specific purpose cannot be derived from this information. Any intellectual property rights as well as existing laws and regulations must be observed by the recipient under his own responsibility.