



TECHNICAL DATA SHEET

Balance Gold

Description	White odorless powder with golden sheen			
Pigment type	Platelets of Mica coated with titanium dioxide and tin oxide			
INCI Name	Titanium Dioxide (CI 77891) (and) Mica (and) Tin Oxide			
Chemical Composition	By weight	CAS No.	CI Number	Einecs
Mica	30–41 %	12001-26-2	77019	601-648-2
TiO ₂	57–65 %	13463-67-7	77891	236-675-5
Tin Oxide (SnO ₂)	2–5 %	18282-10-5	–	242-159-0
Trace Elements	Antimony (Sb)		ppm max.	≤ 0,0001
	Arsenic (As)		ppm max.	≤ 0,0002
	Barium (Ba)		ppm max.	≤ 0,0050
	Cadmium (Cd)		ppm max.	≤ 0,0003
	Chromium (Cr)		ppm max.	≤ 0,0100
	Copper (Cu)		ppm max.	≤ 0,0050
	Lead (Pb)		ppm max.	≤ 0,0010
	Mercury (Hg)		ppm max.	≤ 0,0001
	Nickel (Ni)		ppm max.	≤ 0,0010
	Zinc (Zn)		ppm max.	≤ 0,0050
pH (10 % aqueous solution)	8–11			
Particle size	1–15 µm (80 % within the range)			
Loss on drying	0–0,5 % (105 °C)			
Total amount of bacteria	< 100 cfu/g			
Yeast and Mould	< 100 cfu/g			
Pathogens	negative			
Color/Luster	visual/colorimetric			

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