



TECHNICAL DATA SHEET

Aztec Gold

Description	A yellow gold free flowing powder			
Pigment type	Platelets of mica coated with titanium dioxide and iron oxide			
INCI Name	Mica (and) Titanium Dioxide (and) CI 77491			
Chemical Composition	By weight	CAS No.	CI Number	Einecs
Mica	40–60 %	12001-26-2	77019	310-127-6
TiO ₂	18–30 %	13463-67-7	77891	236-675-5
Red Iron Oxide	20–30 %	1309-37-1	77491	215-168-2
SnO ₂	0–1 %	18282-10-5	77861	42-159-0
Trace Elements	Lead (Pb)	10.0 ppm	max.	
	Arsenic (As)	1.0 ppm	max.	
	Mercury (Hg)	1.0 ppm	max.	
	Antimony (Sb)	2.0 ppm	max.	
pH (10 % aqueous solution)	6–9			
Density	3,1–3,3 g/cm ³			
Bulk Density	28–34 g/100 ml			
Particle size	5–25 µm (90 % 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			

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