



TECHNICAL DATA SHEET

Mica Matte Brown

Description	A free-flowing brown powder			
Pigment type	Platelets of mica, coated with iron oxides and titanium dioxide			
INCI Name	Mica (and) Iron Oxides (and) Titanium Dioxide			
Chemical Composition	By weight	CAS No.	CI Number	Einecs
Mica	35–62 %	12001-26-2	77019	310-127-6
Red Iron Oxide	15–22 %	1332-37-2	77491	215-570-8 / 215-168-2
Yellow Iron Oxide	13–20 %	51274-00-1	77492	257-098-5
Black Iron Oxide	4–8 %	1317-61-9	77499	215-277-5
Red Iron Oxide	4–7 %	1309-37-1	77491	215-168-2
Titanium Dioxide	2–8 %	13463-67-7	77891	236-675-5
Trace Elements	Arsenic (As)	3 ppm	max.	
	Cadmium (Cd)	1 ppm	max.	
	Cobalt (Co)	20 ppm	max.	
	Chromium (Cr)	50 ppm	max.	
	Copper (Cu)	50 ppm	max.	
	Mercury (Hg)	1 ppm	max.	
	Nickel (Ni)	50 ppm	max.	
	Lead (Pb)	10 ppm	max.	
	Antimony (Sb)	2 ppm	max.	
	Selenium (Se)	100 ppm	max.	
	Zinc (Zn)	100 ppm	max.	
Density	3,8 kg/L			
Bulk Density	29 g/100cm ³			
Particle size	4–18 µm (80 % within the range)			
Loss on drying	0–0,5 % (105 °C)			



Arobic bacteria	max. 100 cfu/g
Yeast and Mould	max. 100 cfu/g
Pathogens	absent in 10 g

The color additive components in this product meet with applicable US FDA (21 CFR), China's Cosmetic Safety and Technical Standard (2015 version), and EU Cosmetic Regulation EC/1223/2009 specifications and purity criteria. We recommend that appropriate use be confirmed against each region's current cosmetic regulations.

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.