



## TECHNICAL DATA SHEET

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### Tibetan Ochre

<b>Description</b>	A red brown free flowing powder			
<b>Pigment type</b>	Platelets of mica coated with iron oxide and titanium dioxide			
<b>INCI Name</b>	Mica (and) Iron Oxides (and) Titanium Dioxide			
<b>Chemical Composition</b>	<b>By weight</b>	<b>CAS No.</b>	<b>CI Number</b>	<b>Einecs</b>
Mica	48–65 %	12001-26-2	77019	310-127-6
Red Iron Oxide	29–40 %	1309-37-1	77491	215-168-2
TiO <sub>2</sub>	6–12 %	13463-67-7	77891	236-675-5
<b>Trace Elements</b>	Lead (Pb)	10.0 ppm	max.	
	Arsenic (As)	2.0 ppm	max.	
	Mercury (Hg)	1.0 ppm	max.	
	Antimony (Sb)	1.0 ppm	max.	
<b>pH (10 % aqueous solution)</b>	7–11			
<b>Density</b>	3,2–3,4 g/cm <sup>3</sup>			
<b>Bulk Density</b>	18–22 g/100 ml			
<b>Particle size</b>	10–60 µm (80 % within the range)			
<b>Loss on drying</b>	≤ 0,5 % (105 °C)			
<b>Total amount of bacteria</b>	< 100 cfu/g			
<b>Yeast and Mould</b>	< 100 cfu/g			
<b>Pathogens</b>	negative			
<b>Color/Luster</b>	visual			

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