



## TECHNICAL DATA SHEET

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### Red Allure

<b>Description</b>	Luminous matte red powder			
<b>Pigment type</b>	Spherical silica coated with titanium dioxide and iron oxide			
<b>INCI Name</b>	Silica (and) Titanium Dioxide (CI 77891) (and) Iron Oxide (CI 77491)			
<b>Chemical Composition</b>	<b>By weight</b>	<b>CAS No.</b>	<b>CI Number</b>	<b>Einecs</b>
Iron Oxide	68–78 %	1309-37-1	77491	215-168-2
Titanium Dioxide	9–17 %	13463-67-7	77891	236-675-5
Silicon Dioxide	5–17 %	7631-86-9	–	231-545-4
Mica	< 5 %	12001-26-2	77019	310-127-6
	<b>Arsenic (As)</b>	2.0 ppm	max.	
	<b>Barium (Ba)</b>	10.0 ppm	max.	
	<b>Cadmium (Cd)</b>	1.0 ppm	max.	
	<b>Chromium (Cr)</b>	5.0 ppm	max.	
	<b>Copper (Cu)</b>	5.0 ppm	max.	
	<b>Mercury (Hg)</b>	1.0 ppm	max.	
	<b>Nickel (Ni)</b>	5.0 ppm	max.	
	<b>Antimony (Sb)</b>	1.0 ppm	max.	
	<b>Zinc (Zn)</b>	5.0 ppm	max.	
<b>pH (10 % aqueous solution)</b>	3–6			
<b>Bulk Density</b>	39–49 g/100 ml			
<b>Oil Absorption</b>	55–75 g /100 g			
<b>Particle size</b>	1–15 µm (80 % within the range)			
<b>Loss on drying</b>	< 1,0 % (105 °C)			
<b>Total Viable Aerobic Count</b>	< 100 cfu/g			
<b>Pathogens</b>	negative			

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