



## TECHNICAL DATA SHEET

### Le Rouge

**Description** Red powder pigment with color travel effect from red to orange-red

**Pigment Type** Spherical silica coated with iron oxide

**INCI Name** Iron Oxides (and) Silica

Chemical Composition	by weight (%)	CAS No.	C.I.	Einecs
SiO <sub>2</sub>	40–50	14808-60-7	n. a.	238-878-4
Red Iron Oxide	50–60	1309-37-1		215-168-2

Trace Elements	Specif. Values (max.)	Unit
Antimony (Sb)	1	ppm
Arsenic (As)	2	ppm
Barium (Ba)	50	ppm
Cadmium (Cd)	3	ppm
Chromium (Cr)	100	ppm
Copper (Cu)	50	ppm
Lead (Pb)	10	ppm
Mercury (Hg)	1	ppm
Nickel (Ni)	10	ppm
Zinc (Zn)	50	ppm

	Specification		Specification
<b>PH</b> (10 % aqueous solution)	8–12	<b>Density</b>	n. a.
<b>Particle size (µm)</b> (80 % within the range)	5–50	<b>Total amount of bacteria</b>	< 100 cfu/g
<b>Particle size (µm)</b> (50 % within the range)	16–22	<b>Yeast and Mould</b>	< 100 cfu/g
<b>Loss on drying</b> (105 °C)	≤ 0,5	<b>Pathogens</b>	negative



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