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Certificate Of Analysis (COA)		
YELLOW IRON OXIDE		
C.A.S. No	51274-00-1	
C.I. Number	Pigment Yellow 42 (77492)	
Batch Number	068841	
PHYSICAL AND CHEMICAL PROPERTIES		
Parameter	Spec	Result
Microbiology	<100CFU/g	Pass
Tapped Density	0.2-1.0	0.62
Moisture	1.0 max	0.19
pH	4.0-9.0	6.5
Assay (as Fe)	60 min	69
Water Soluble Salts	1.00 max	0.032
SSA	8.0-15.0	11.2
HEAVY METALS		
Parameter	Spec	Result
Arsenic (As) mg/kg	3 max	Pass
Barium (Ba) mg/kg	50 max	Pass
Cadmium (Cd) mg/kg	1 max	Pass
Cobalt (Co) mg/kg	50 max	Pass
Chromium (Cr) mg/kg	100 max	Pass
Copper (Cu) mg/kg	50 max	Pass
Mercury (Hg) mg/kg	1 max	Pass
Nickel (Ni) mg/kg	200 max	Pass
Lead (Pb) mg/kg	10 max	Pass
Zinc (Zn) mg/kg	100 max	Pass
This colourant meets all the requirements of EU Regulation (EC) 1223/2009, Annex IV		
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