



TECHNICAL DATA SHEET

Product name :	Saffron
Product code :	789
INCI Name :	Titanium dioxide - Mica -Iron Oxide
CAS No. :	13463.67.7 - 12001.26.2 -1309.37.1
Date :	June 2015

CHARACTERISTICS		RANGE	
Physical properties			
Characteristics		Saffron Powder	
Average particle size		10-60 µm	
D-50		21-26 µm	
Chemical composition			
Titanium dioxide	(C.I. 77891)	44.0 - 49.0 %	
Mica	(C.I. 77019)	50.0 - 55.0 %	
Iron Oxide	(C.I. 77492)	< 1.0 %	
Heavy metals			
As	< 2 ppm	Hg	< 1 ppm
Ba	< 10 ppm	Ni	< 10 ppm
Cd	< 3 ppm	Pb	< 10 ppm
Cr	< 5ppm	Sb	< 1 ppm
Cu	< 50 ppm	Zn	< 50 ppm
Microbial purity			
Total viable Aerobic count		< 100	
E. Coli		Absent in 1 g	
Pseudomonas aeruginosa		Absent in 1 g	
Staphylococcus aureus		Absent in 1 g	
Salmonella species		Absent in 1 g	
Candida albicans		Absent in 1 g	

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