



TECHNICAL DATA SHEET

Product name :	Bright Yellow		
Product code :	Bright Yellow Mica powder		
INCI Name :	Mica-Synthetic Mica - Titanium dioxide-Tin dioxide- FD&C Yellow 5-FD&C Red 40		
CAS No. :	12001.26.2-12003.38.2-13463.67.7-18282.10.5-1934.21.0 - 25956.17. 6		
Date :	01.02.2023		
CHARACTERISTICS		RANGE	
<u>Physical properties</u>			
Characteristics		Bright Yellow	
Average particle size		10-60µm	
D-50		21-26µm	
<u>Chemical composition</u>			
Mica	(C.I. 77091)	27.0-47.0 %	
Synthetic Mica		14.0-22.0 %	
Titanium dioxide	(C.I. 77861)	39.0-47.0 %	
Tin dioxide	(C.I. 77891)	0-2.0 %	
FD&C Yellow 5	(C.I. 19140)	0-2.0 %	
FD&C Red 40	(C.I. 16035)	0-0.2 %	
<u>Heavy metals</u>			
As	< 2 ppm	Hg	< 1 ppm
Ba	< 50 ppm	Ni	< 10 ppm
Cd	< 3 ppm	Pb	< 10 ppm
Cr	< 100 ppm	Sb	< 1 ppm
Cu	< 50 ppm	Zn	< 50 ppm
<u>Microbial purity</u>			
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
