



## *Certificate of Analysis*

Product Code: GOLD YELLOW  
Trade Name: Gold Yellow  
Manufacturer: Batch No.: #210613

Assay(INCI)	Cas No.	Spec.Values	Batch Values	Method
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Synthetic Mica	12003-38-2	65-70%	67.60%
Titanium dioxide	13463-67-7	27-32%	28.60%
Tin dioxide	18282-10-5	0-1%	0.60%
FD&C Yellow 5	1934-21-0	3-5%	3.20%
Particle size(80% within the range 10-60µm) confirms laser diffraction Particle size(d50) 21-26µm 23µm laser diffraction			
pH-value(4% H2O)ISO787-9		4-9	6.9
Loss on drying(105°C)		≤0.5%	≤0.5%ISO787-9
Heavy metals			
As		≤2 ppm	≤2 ppm
Ba		≤50 ppm	≤50 ppm
Cd		≤3 ppm	≤3 ppm
Cr		≤100 ppm	≤100 ppm
Cu		≤50 ppm	≤50 ppm
Hg		≤1 ppm	≤1 ppm
Ni		≤10 ppm	≤10 ppm
Pb		≤10 ppm	≤10 ppm
Sb		≤1 ppm	≤1 ppm
Zn		≤50 ppm	≤50 ppm
Visual and colorimetric evaluation		confirms	confirms
Microbiological purity			
Microorganisms		<100CFU/g	<100CFU/g
Ph.Eur.USP XXII		No Pathogens	No Pathogens
It is hereby confirmed that the delivered goods have been examined and they are in accordance with our confirmation of order			
<u>Engineer: Xu Zhang</u> Analytical Lab. Date: 14th June 2021			

