

**CERTIFICATE OF ANALYSIS
CANDURIN® PEARL EFFECT COLOR
Gold Light**

<u>ANALYTICAL DATA</u>	<u>SPECS</u>	<u>RESULTS</u>
Color and Appearance		Conforms
Content of Mica*	51.0 – 65.0	59.6%
Content of TiO2	33.0 – 42.0	36.8%
Content of Red Iron Oxide	2.0 - 7.0	3.6%
Particle size (Laserbeam Diffraction) (80% within 10-60 µm)		Conforms
Median particle size (D50)	18.0 – 25.0	22.1 µ
pH (10% aqueous suspension)	8.0 – 11.0	10.2
Loss on drying (2 hrs. 105°C)	</=0.5	</=0.5

<u>Microbial Purity</u>	USP or EP or JP	
Total Viable Aerobic Count		< 100 CFU/g
E. coli		Absent in 1g
Pseudomonas aeruginosa		Absent in 1g
Staphylococcus aureus		Absent in 1g
Salmonella species		Absent in 10g
Candida albicans		Absent in 1g

<u>Heavy Metals</u>		Modified CTFA/Internal			
Arsenic	≤ 3 ppm	Barium	≤ 25 ppm	Cadmium	≤ 2 ppm
Chromium	≤ 100 ppm	Copper	≤ 25 ppm	Mercury	≤ 1 ppm
Nickel	≤ 50 ppm	Lead	≤ 4 ppm	Antimony	≤ 3 ppm
Zinc	≤ 25 ppm				

Conform with 21 CFR 73. subparts 1 and/or 2 (as applicable) and EC regulations for E555 and E171 (as well as E172 where applicable)

* Data based on manufacturer's document

John

Quality Control

