

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

<u>ANALYTICAL DATA</u>	<u>SOP's</u>	<u>SPECS</u>	<u>RESULTS</u>
Color and Appearance	EMD		Conforms
Content of Mica*	EMD	72.0 – 87.0	78.9%
Content of TiO2	EMD	10.0 – 18.0	14.0%
Content of Red Iron Oxide	EMD	3.0 - 10.0	7.1%
Particle size distribution (80% within 10-150 µm)	Laser Diffraction		Conforms
Median particle size (D50)	Laser Diffraction	62.0 – 82.0	74.7 µ
pH (10% aqueous dispersion)	ISO 787-9	6.0 – 10.0	6.7
Loss on drying (2 hrs. 105°C)	ASTM 1208-96	</=0.5	0.0
<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
Chromium	≤ 100 ppm	Copper	≤ 25 ppm
Nickel	≤ 50 ppm	Lead	≤ 4 ppm
		Cadmium	≤ 2 ppm
		Mercury	≤ 1 ppm
		Zinc.	≤ 25 ppm

This article is in compliance with EU food additive regulations and conforms with 21 CFR Part 73.

\* Data based on manufacturer's document

*Jmk*

Quality Control

