

**CERTIFICATE OF ANALYSIS
CANDURIN® PEARL EFFECT COLOR
Red Amber**

<u>ANALYTICAL DATA</u>	<u>SOP's</u>	<u>SPECS</u>	<u>RESULTS</u>
Color and Appearance	Merck KGaA		Conforms
Content of Mica**	Merck KGaA	47.0 – 57.0	53.9%
Content of Red Iron Oxide	Merck KGaA	43.0 – 53.0	46.1%
Particle size distribution (80% within 10-60 µm)	Laser Diffraction		Conforms
Median particle size (D50)	Laser Diffraction	18.0 – 25.0	22.6 µ
pH (10% aqueous suspension)	ISO 787-9	3.0 – 8.0	4.6
Loss on drying (2 hrs. 105°C)	Merck KGaA	< /=0.5	0.5

Microbial Purity

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

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	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

John

Quality Control

