



**CERTIFICATION OF ANALYSIS  
(Representative Sample)**

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**TRAVEL TO VENUS  
COSMETIC PIGMENT**

Product Code                    KP - 103

Lot Number

Date of Manufacture

Expiration Date:

**ANALYTICAL DATA**

**SOP's**

**SPECS**

**RESULTS**

Color and Appearance	Merck KGaA	Conforms	Conforms
Content SiO <sub>2</sub>	Merck KGaA	81.0 -90.0	87.3 %
Content of TiO <sub>2</sub>	Merck KGaA	8.0 -14.0	9.0 %
Content of SnO <sub>2</sub>	Merck KGaA	2.0 -5.0	3.7 %
pH (10% aqueous suspension)	ISO 787-9	8.0 -12.0	10.1
Particle size distribution (80% within 5 - 50 μm)	Laser diffraction	Conforms	Conforms
Median particle size (D50)	Laser diffraction	16.0 -22.0	20.1

**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
Gram negative bacteria	Absent in 1g
Candida albicans	Absent in 1g

**Heavy Metals**

Modified CTFA/Internal

Arsenic	< 2 ppm	Barium	< 50 ppm	Cadmium	< 3 ppm
Chromium	< 100 ppm	Copper	< 50 ppm	Mercury	< 1 ppm
Nickel	< 10 ppm	Lead	< 10 ppm	Antimony	< 1 ppm
Zinc	< 50 ppm				

This material does not contain organic colorants

The color additives in this material meet all applicable purity requirements of the FDA(21 - CFR), the E C and Japan for cosmetic use

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