



Certificate of Analysis

Product Name: Sparkle Bronze
C.I.No. 77019
Mica
C.I.No. 77491
Iron Oxide
Lot Number: N/A-Representative Sample, values will vary based on Lot/Batch Number

Parameter	Spec. Values	Batch Values	Method
Assay (Mica)	70.0–76.0 %	74.5 %	Inhouse
Assay (Fe $\blacksquare$ O $\blacksquare$)	24.0–30.0 %	25.5 %	Inhouse
pH (10% aqueous suspension)	5.0–9.0	6.8	ISO 787-9
Particle Size Distribution	80% within 10.0–125.0 μ m	Conforms	Laser Diffraction
Particle Size (d50)	28.0–42.0 μ m	33.7 μ m	Laser Diffraction
Screening Test (<0.150 mm)	Conforms	Conforms	Inhouse
Loss on Drying (105°C)	≤0.5 %	≤0.5 %	ISO 787-2
Visual/Colorimetric Evaluation	Conforms	Conforms	Inhouse
Microbial Purity (Total Viable)	≤100 CFU/g	≤100 CFU/g	USP, Ph.Eur., JP
Gram negative bacteria	absent in 1g	passes test	USP, Ph.Eur., JP
E. coli	absent in 1g	passes test	USP, Ph.Eur., JP
Pseudomonas aeruginosa	absent in 1g	passes test	USP, Ph.Eur., JP
Staphylococcus aureus	absent in 1g	passes test	USP, Ph.Eur., JP
Salmonella species	absent in 10g	passes test	USP, Ph.Eur., JP
Candida Albicans	absent in 1g	passes test	USP, Ph.Eur., JP
Heavy metals As	≤0.0002 %	≤0.0002 %	mod.PCPC/int.method
Heavy metals Ba	≤0.0050 %	≤0.0050 %	mod.PCPC/int.method
Heavy metals Cd	≤0.0003 %	≤0.0003 %	mod.PCPC/int.method
Heavy metals Cr	≤0.0100 %	≤0.0100 %	mod.PCPC/int.method
Heavy metals Cu	≤0.0050 %	≤0.0050 %	mod.PCPC/int.method
Heavy metals Hg	≤0.0001 %	≤0.0001 %	mod.PCPC/int.method
Heavy metals Ni	≤0.0010 %	≤0.0010 %	mod.PCPC/int.method
Heavy metals Pb	≤0.0010 %	≤0.0010 %	mod.PCPC/int.method
Heavy metals Sb	≤0.0001 %	≤0.0001 %	mod.PCPC/int.method
Heavy metals Zn	≤0.0050 %	≤0.0050 %	mod.PCPC/int.method

*The product meets the purity requirements in USA, Japan, China and European Union for cosmetic colorants.
This product is intended for use in cosmetic applications only. Customer is responsible to check/confirm suitability for intended usage/purpose.
It is hereby confirmed that the delivered goods have been examined and are in accordance with our confirmation of order.*