



Copper Glow Mica Powder
 INCI: Mica (and) Titanium Dioxide (and) Tin Oxide
 Product ID: MICACOPGLDE567

Specifications

Analytical Details

Appearance:
Assay (Mica):
Assay (TiO₂):
Assay (SnO₂):
Particle Size Distribution:
Particle Size (d50):
Screening Test:
pH (10% Aqueous Suspension):
Loss on Drying (105 °C):
Visual & Colorimetric Evaluation:

Methods

Visual
 In-house
 In-house
 In-house
 Laser Diffraction
 Laser Diffraction
 In-house
 ISO 787-9
 ISO 787-2
 In-house

Specifications

Powder
 48.0 - 57.0%
 43.0 - 51.0%
 ≤ 1.0%
 80% Within 10.0 - 60.0 µm
 18.0 - 25.0 µm
 < 0.150 mm
 8.0 - 11.0
 ≤ 0.5%
 Conforms

Heavy Metals

Antimony: Mod. PCPC / Internal Methods ≤ 0.0001%
Arsenic: Mod. PCPC / Internal Methods ≤ 0.0002%
Barium: Mod. PCPC / Internal Methods ≤ 0.0050%
Cadmium: Mod. PCPC / Internal Methods ≤ 0.0003%
Chromium: Mod. PCPC / Internal Methods ≤ 0.0100%
Copper: Mod. PCPC / Internal Methods ≤ 0.0050%
Lead: Mod. PCPC / Internal Methods ≤ 0.0010%
Mercury: Mod. PCPC / Internal Methods ≤ 0.0001%
Nickel: Mod. PCPC / Internal Methods ≤ 0.0010%
Zinc: Mod. PCPC / Internal Methods ≤ 0.0050%

Microbiological

Total Aerobic Bacteria: USP, Ph.Eur. ≤ 100 cfu/g
Gram Negative Bacteria: USP, Ph.Eur. Absent / 1g
E. Coli: USP, Ph.Eur. Absent / 1g
P. Aeruginosa: USP, Ph.Eur. Absent / 1g
S. Aureus USP, Ph.Eur. Absent / 1g
Salmonella Species: USP, Ph.Eur. Absent / 10g
C. Albicans: USP, Ph.Eur. Absent / 1g

Shelf Life: Stable

Notes: Color-Index (Mica): C.I.No. 77019, Color-Index (TiO₂): C.I.No. 77891, Color-Index (SnO₂): C.I.No. 77861. This product meets the USA, Japan and European Union purity requirements for cosmetic ingredients.

Date: 06/11/2020

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NATURAL SOURCING®

Natural Sourcing, LLC • 341 Christian Street, Oxford, CT 06478

Phone: (203) 702-2500 • Toll Free: (800) 340-0080 • Fax: (203) 702-2501 • info@naturalsourcing.com
www.naturalsourcing.com