

Amber Mica Powder

INCI: Mica (and) Black Iron Oxide (and) Iron Oxides (and) Titanium Dioxide

Product ID: micaamber

Specifications

Analytical Details

Appearance:
Assay (Mica):
Assay (TiO₂):
Assay (Fe₂O₃ & Fe₃O₄):
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 - 65.0%
 2.0 - 6.0%
 33.0 - 46.0%
 80% Within the Range 10.0 - 60.0 µm
 18.0 - 25.0 µm
 < 0.150 mm
 6.0 - 10.0
 ≤ 0.5%
 Conforms

Heavy Metals

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

Microbiological

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

Shelf Life: Stable

Notes: Color-Index (TiO₂): C.I.No. 77891, Color-Index (Fe₃O₄): C.I.No. 77499, Color-Index (Fe₂O₃): C.I.No. 77491. This product meets the USA, Japan and European Union purity requirements for cosmetic color additives.

Date: 04/21/2021

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