



Mad Oils, Inc. d/b/a Mad Micas
430 S. Congress Ave., #2
Delray Beach, FL 33445
madmicas.com

CERTIFICATE OF ANALYSIS

Composite Results of Tests of
Representative Samples of Ingredients

Identification

Product identifier: Mad Micas Supernova
Other name: Copper-bronze mica powder
Supplier: Mad Oils, Inc. d/b/a Mad Micas
430 S. Congress Ave., #2
Delray Beach, FL 33445
+1-561-845-0050
Recommended use: Colorant

Chemical Analysis

Ingredient	CAS #	Results
Mica	12001-26-2	57.96%
Iron oxide	1309-37-1	34.71%
Fluorophlogopite	12003-38-2	11.63%
Titanium dioxide	13463-67-7	1.37%
Tin dioxide	18282-10-5	.33%

General Analysis

Characteristic	Specs	Results	Methodology
Particle size (80% within range)	5-700 μm	Conforms	Laser diffraction
Particle size D50	9-500 μm	Conforms	Laser diffraction
pH (4% H ₂ O)	6-9	7.2	ISO787-9
Loss on drying (105° C)	$\leq 0.5\%$	$\leq 0.5\%$	ISO787-2

Heavy Metals

Metal	Results	Metal	Results
Arsenic (As)	≤ 2 ppm	Mercury (Hg)	≤ 1 ppm
Barium (Ba)	≤ 50 ppm	Nickel (Ni)	≤ 10 ppm
Cadmium (Cd)	≤ 3 ppm	Lead (Pb)	≤ 10 ppm
Chromium (Cr)	≤ 100 ppm	Antimony (Sb)	≤ 1 ppm
Copper (Cu)	≤ 50 ppm	Zinc (Zn)	≤ 50 ppm

Microbial Purity

Tested	Results
Total viable aerobic count	< 100 CFU/g
Ph.Eur.USP XXII	No pathogens

- This certificate is based on the test results of representative samples of the ingredients used to produce the product described herein as they are known to Mad Oils, Inc. d/b/a Mad Micas ("Mad Micas") at the time this data sheet was issued, when material is packaged in our facility. All information contained herein has been provided to Mad



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- The information contained in this certificate has been provided to Mad Oils, Inc. by the product manufacturer of each component ingredients. No warranty is expressed, implied, or offered regarding the accuracy of any data contained herein. Mad Oils, Inc. is reliant upon the product manufacturer for all data and Mad Oils, Inc. makes no representations regarding product ingredients and/or test results.
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- Revised January 2024