



Mad Oils, Inc. d/b/a Mad Micas
430 South 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 True Red Blend
Other name: Red mica/pigment blend
Supplier: Mad Oils, Inc. d/b/a Mad Micas
430 South Congress Ave., #2
Delray Beach, FL 33445
+1-561-845-0050
Recommended use: Colorant

Chemical Analysis

Ingredient	CAS #	Results
Mica	12001-26-2	46.64%
Polyurethane-11	68258-82-2	32.83%
Iron oxide	1039-37-1	11%
Titanium dioxide	13463-67-7	9.03%
D&C red no. 28	18472-87-2	.5%

General Analysis

Characteristic	Specs	Results	Methodology
Particle size (80% within range)	1-100 μm	Conforms	Laser diffraction
pH (4% H ₂ O)	6-9	7.2	ISO 787-9
Loss on drying (105° C)	$\leq 0.5\%$	$\leq 0.5\%$	ISO 787-2

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)	≤ 5 ppm
Chromium (Cr)	≤ 20 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



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Other Information

- 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 Micas by Mad Micas suppliers and/or manufacturers of the product(s) or ingredients described above and is believed to be correct, but no warranty is expressed or implied regarding such accuracy, and this document does not purport to be all-inclusive; it is intended only as a guide. No guarantee or warranty is expressed or implied regarding the accuracy of this information during usage of the above-described material, as working conditions and usage are beyond our control.
- Mad Oils, Inc. d/b/a Mad Micas shall not be held liable for damage resulting from use of, or contact with, the product described herein.
- Revised November 2022