



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 Bermuda Triangle  
Other name: Blue-Green 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	52.67%
Titanium dioxide	13463-67-7	46.21%
Ultramarine blue	57455-37-5	.56%
Chromium oxide green	1308-38-9	.3%
Tin dioxide	18282-10-5	.17%
Iron oxide	1317-61-9	.09%

## General Analysis

Characteristic	Specs	Results	Methodology
Particle size (80% within range)	10-60 $\mu\text{m}$	Conforms	Laser diffraction
Particle size D50	21-26 $\mu\text{m}$	23 $\mu\text{m}$	Laser diffraction
pH (4% H <sub>2</sub> O)	6-9	7.2	ISO787-9
Loss on drying (105° C)	≤ 0.5%	≤ 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)	≤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

- 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



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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.

- 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