



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

# CERTIFICATE OF ANALYSIS

Representative Sample Test Results

## Identification

Product identifier: Mad Micas Summer Bronze  
Other name: 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 #	Specs	Results
Mica	12001-26-2	44-48%	46.1%
Iron oxide	1309-37-1	41-45%	43.2%

## General Analysis

Characteristic	Specs	Results	Methodology
Particle size (80% within range)	5-25 $\mu\text{m}$	Conforms	Laser diffraction
Particle size D50	9-11 $\mu\text{m}$	10 $\mu\text{m}$	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)	≤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 Ph.Eur.USP XXII	< 100 CFU/g No pathogens

- The information contained in this certificate has been provided to Mad Oils, Inc. by the product manufacturer. 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.
- Mad Oils, Inc. shall not be held liable for damage resulting from use of or contact with this product.
- Revised December 2023