



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 Hot Pants
Other name: Pink 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 | 45-51% | 46.1% |
| Titanium dioxide | 13463-67-7 | 48-54% | 53.3% |
| Iron oxide | 1309-37-1 | 0-1% | 0.7% |

General Analysis

| Characteristic | Specs | Results | Methodology |
|----------------------------------|---------------------|------------------|-------------------|
| Particle size (80% within range) | 10-60 μm | Conforms | Laser diffraction |
| Particle size D50 | 21-26 μm | 23 μm | 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) | ≤ 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 |

- 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 August 2023