



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 Sparkle Plenty
Other name: Eco-friendly glitter 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
Fluorophlogopite	12003-38-2	88-93%	89.2%
Titanium dioxide	13463-67-7	7-12%	10.8%

General Analysis

Characteristic	Specs	Results	Methodology
Particle size (80% within range)	40-300 μm	Conforms	Laser diffraction
Particle size D50	176-205 μm	189 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)	≤ 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

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- Revised December 2023