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 Phyllis Diller
Other name:	White 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	68-72%	69.4%
Titanium dioxide	13463-67-7	27-32%	30.2%
Tin dioxide	18202-10-5	0-1%	0.4%

General Analysis

Characteristic	Specs	Results	Methodology
Particle size (80% within range)	10-60 µm	Conforms	Laser diffraction
Particle size D50	21-26 µm	24 µm	Laser diffraction
pH (4% H2O)	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)	≤25 ppm	Nickel (Ni)	≤10 ppm
Cadmium (Cd)	≤3 ppm	Lead (Pb)	≤10 ppm
Chromium (Cr)	≤50 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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