

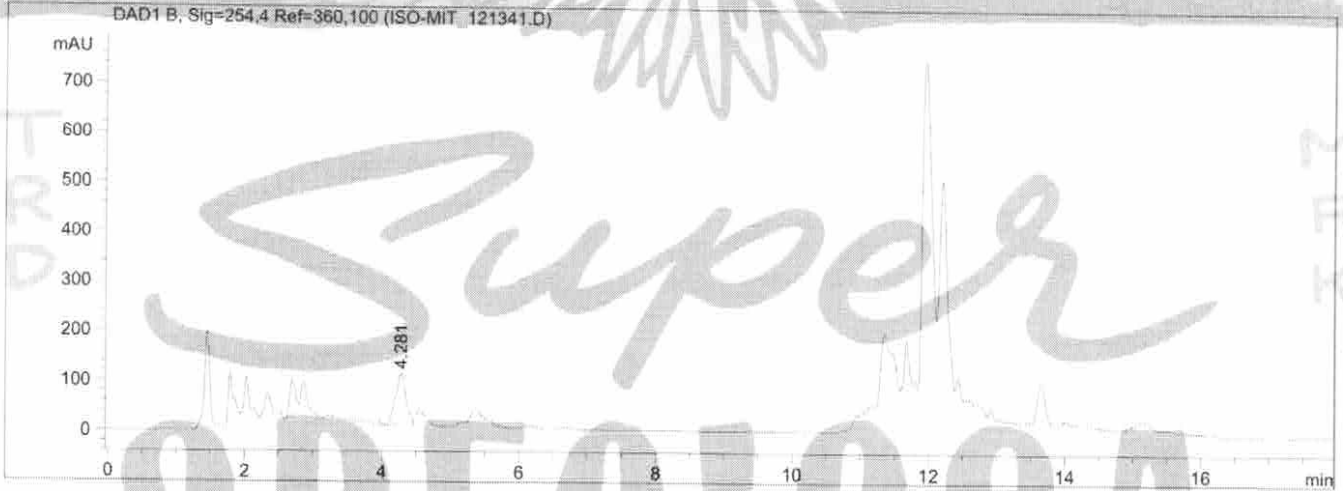
# WONDERLAND LABS

## Certificate of Analysis

23 MAY 2019

0000282 / MITRAGYNINE

|                    |               |                     |                  |
|--------------------|---------------|---------------------|------------------|
| Client:            | Super Organic | Acquired By:        | Ricky R.         |
| Sample Type:       | Powdered      | Date Acquired:      | 05/21/2019       |
| Sample Weight:     | 2000mg        | Acquisition Method: | MIT_KN1-R02-18M  |
| Dilution:          | 1.0           | Testing ID:         | ISO-MIT_121341.D |
| Vial:              | Vial 32       | Date Processed:     | 05/21/2019       |
| Injection Volume:  | 8.3 µl        | Run Time:           | 15 min           |
| <b>SAMPLE SET:</b> | <b>121341</b> | Calibration ID:     | 999-11111        |

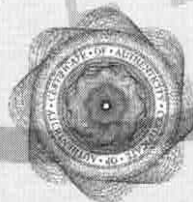


| # | Analyte              | RT (min) | Area     | Height  | Alkaloid  | Total % |
|---|----------------------|----------|----------|---------|---|---------|
| 1 | Mitragynine          | 4.281    | 1235.663 | 103.433 | C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>4</sub> | 1.24    |
| 2 | 7-Hydroxymitragynine | 3.248    | 583.918  | 68.687  | C <sub>23</sub> H <sub>30</sub> N <sub>2</sub> O <sub>5</sub> | .005    |
| 3 |                      |          |          |         |   |         |
| 4 |                      |          |          |         |   |         |
| 5 |                      |          |          |         |   |         |
| 6 |                      |          |          |         |   |         |

Mitragynine Content: 1.24%

Adulterants (Y/N): None Detected

Identity Confirmed: YES



SEAL OF AUTHENTICITY

VERIFIED BY: *[Signature]*

Quality Assurance: *Michelle Harris*



# TEST REPORT

**Client Information:** Super Organics  
 Super Organics LLC  
 38 S Federal Highway #10-120  
 Dania Beach, FL 33004

**Report Date:** 05/27/2019  
**Matrix:** LEAFY GREEN  
**Collected:** 05/17/2019 @ 15:00  
**Sampled By:** RB  
**Collection Address:**  
**Description:** 0000282  
**Received:** 05/21/2019 @ 13:47  
**Date Completed:** 05/27/2019

**Reference Number:** 1908101

**Lab ID:** 1908101-003

**Sample#:**

**Comment:**

## *E. coli & Total Coliforms by Petrifilm*

| <u>Test Parameter</u> | <u>Result</u> | <u>Unit</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyzed</u>  | <u>Analyst</u> |
|-----------------------|---------------|-------------|-----------|------------|---------------|------------------|----------------|
| E. coli Count         | < 100         | CFU/g       | 100       | 0          | AOAC 991.14   | 05/21/2019 15:15 | HD             |
| Total Coliform Count  | 3,300         | CFU/g       | 100       | N/A        | AOAC 991.14   | 05/21/2019 15:15 | HD             |

## *Rapid Yeast & Mold Count*

| <u>Test Parameter</u> | <u>Result</u> | <u>Unit</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyzed</u>  | <u>Analyst</u> |
|-----------------------|---------------|-------------|-----------|------------|---------------|------------------|----------------|
| Rapid Mold            | 2,000         | CFU/g       | 100       | N/A        | AOAC 2014.05  | 05/21/2019 15:15 | HD             |
| Rapid Yeast           | < 100         | CFU/g       | 100       | N/A        | AOAC 2014.05  | 05/21/2019 15:15 | HD             |

## *Test Parameters*

| <u>Test Parameter</u>                             | <u>Result</u> | <u>Unit</u> | <u>RL</u> | <u>MCL</u> | <u>Method</u> | <u>Analyzed</u>  | <u>Analyst</u> |
|---|---------------|-------------|-----------|------------|---------------|------------------|----------------|
| Aerobic Plate Count                               | 74,000        | CFU/g       | 100       | N/A        | AOAC 990.12   | 05/21/2019 15:15 | HD             |
| Detection of Salmonella spp.                      | Absent        | Per 25g     | 1         | 0          | FDA-BAM Ch. 5 | 05/21/2019 15:15 | HD             |
| Detection of Shiga Toxin-Producing E. coli (STEC) | Absent        | Per 25g     | 1         | 0          | FDA-BAM Ch.4A | 05/21/2019 15:15 | HD             |
| Enumeration of S. aureus by Petrifilm             | < 100         | CFU/g       | 100       | 0          | AOAC 2003.07  | 05/21/2019 15:15 | HD             |

Approval:

*Xzayla Zabiti*  
 QA Officer  
 Xzayla Zabiti

*[Signature]*  
 Laboratory Director  
 Hojabr Dezfulian, Ph.D.

RL = Reporting Limit

MCL = Maximum Contaminant Level

N/A = Not Applicable

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Unless otherwise noted, sample(s) were received in acceptable condition. The results in this report relate only to the portion of the sample(s) tested. This report shall not be reproduced, except in full, without approval of the laboratory. This document contains confidential commercial information pursuant to 5U.S.C. § 552(b)(4). ©2014 AIM.

DISCLAIMER: Applied Industrial Microbiology laboratory did not collect the analyzed sample(s) and thus accepts no liability with regard to their collection and/or maintenance. Our laboratory relies on the client for all sample information prior to delivery at our address.



# Micro Quality Labs, Inc.

Specializing in Pharmaceutical, Dietary Supplements, Toys and Cosmetics Testing  
3125 N. Damon Way • Burbank, California 91505  
(818) 845-0070 • Fax: (818) 845-0030  
E-Mail: [Karine@MicroQualityLabs.com](mailto:Karine@MicroQualityLabs.com)



**Customer:** Super Organics  
**Address:** 1314 E Las Olas Blvd #14  
Fort Lauderdale, FL 33301

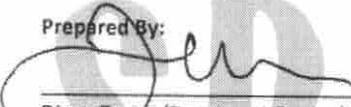
## ANALYTICAL/CHEMICAL CERTIFICATE OF ANALYSIS

**Sample Name:** KRATOM LEAF POWDER APPROX 100G  
**Product Code:** N/A  
**Batch/Lot:** 0000282  
**MQL Accession:** 190521-0113

**PO#:** N/A  
**Sample Description:** BULK POWDER  
**Rush:** N/A  
**Received Date:** 05/21/19

| Test Requested: | Test Method:            | Specification: | Results:  |
|-----------------|-------------------------|----------------|-----------|
| Lead            | MQLTM-0278<br>By ICP-MS | N/A            | 0.378 ppm |
| Arsenic         | MQLTM-0278<br>By ICP-MS | N/A            | 0.165 ppm |
| Cadmium         | MQLTM-0278<br>By ICP-MS | N/A            | 0.035 ppm |
| Mercury         | MQLTM-0278<br>By ICP-MS | N/A            | 0.010 ppm |

Prepared By:

  
Diana Zavala/Document Control Specialist

MAY 23 2019

05/23/19  
MAY 23 2019

Reviewed By:

  
Romelia Bonyatian/Heavy Metal Supervisor

05/23/19

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