



Certificate of Analysis

Customer Information

Client: Super Organics
Attention: (754) 800-5219
Address: 7901 4th St N, STE 300
St. Petersburg, FL 33702

Testing Facility

Lab: Cora Science, LLC
Address 8000 Anderson Square, STE 113
Austin, Texas 78757
Contact: info@corascience.com
(512) 856-5007

Sample Image(s)



Sample Information

Name: ESG05
Lot Number: ESG05
Description: Softgel capsule
Condition: Good
Job ID: ISO04813
Sample ID: I13200
Received: 27AUG2025
Completed: 03SEP2025
Issued: 05SEP2025

Test Results

| Mitragyna Alkaloids (UHPLC-DAD) | | Method Code: T102 | | Tested: 03SEP2025 0508 | | |
|---------------------------------|----------------|-------------------|---------|--------------------------|-------|--|
| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES | |
| Mitragynine | Report Results | 16.0 | mg/unit | 0.0040 | N/A | |
| 7-Hydroxymitragynine | Report Results | 0.0208 | mg/unit | 0.0040 | N/A | |
| Paynantheine | Report Results | 2.26 | mg/unit | 0.0040 | N/A | |
| Speciogynine | Report Results | 1.38 | mg/unit | 0.0040 | N/A | |
| Speciociliatine | Report Results | 0.385 | mg/unit | 0.0040 | N/A | |
| Total Mitragyna Alkaloids | Report Results | 20.0 | mg/unit | 0.0040 | N/A | |

| Mitragyna Alkaloids (UHPLC-DAD) | | Method Code: T102 | | Tested: 03SEP2025 0508 | | |
|---------------------------------|----------------|-------------------|------|--------------------------|-------|--|
| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES | |
| Mitragynine | Report Results | 2.50 | w/w% | 0.00063 | N/A | |
| 7-Hydroxymitragynine | Report Results | 0.00325 | w/w% | 0.00063 | N/A | |
| Paynantheine | Report Results | 0.353 | w/w% | 0.00063 | N/A | |
| Speciogynine | Report Results | 0.216 | w/w% | 0.00063 | N/A | |
| Speciociliatine | Report Results | 0.0603 | w/w% | 0.00063 | N/A | |
| Total Mitragyna Alkaloids | Report Results | 3.13 | w/w% | 0.00063 | N/A | |

| Elemental Impurities (ICP-MS) | | Method Code: T301 | | Tested: 29AUG2025 1258 | | |
|-------------------------------|---------------|-------------------|------|--------------------------|-------|--|
| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES | |
| Arsenic | NMT 1.00 | <LOQ | ug/g | 0.006 | PASS | |
| Cadmium | NMT 0.40 | 0.049 | ug/g | 0.002 | PASS | |
| Mercury | NMT 0.20 | 0.004 | ug/g | 0.002 | PASS | |
| Lead | NMT 1.25 | 0.008 | ug/g | 0.002 | PASS | |

| | | | | | |
|---------------------------------------|----------------------|---|-------|--------------------------|-------|
| Work Order: ISO04813 Sample: I13200 | | Received: 27AUG2025 Issued: 05SEP2025 | | Revision: 01 Page 2 | |
| Microbiological Examination | | Method Code: T005 | | Tested: 27AUG2025 1259 | |
| PARAMETER | SPECIFICATION | RESULT | UNIT | LOQ | NOTES |
| Total Aerobic Plate Count | NMT 10,000,000 CFU/g | 10 | CFU/g | 10 CFU/g | PASS |
| Total Yeast and Mold | NMT 100,000 CFU/g | 10 | CFU/g | 10 CFU/g | PASS |
| Total Coliforms | NMT 10,000 CFU/g | <LOQ | CFU/g | 10 CFU/g | PASS |
| Escherichia coli | Not Detected in 10 g | Not Detected | N/A | 1 CFU/10g | PASS |
| Salmonella spp. | Not Detected in 25 g | Not Detected | N/A | 1 CFU/25g | PASS |

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.639 grams.

Revision History

rev 00 - Initial release.
rev 01- Added T005 results.

Abbreviations

ID: identification, **N/A:** not applicable, **LOQ:** limit of quantitation, **CFU:** colony forming units, **w/w%:** weight by weight percent, **mg:** milligrams, **g:** grams, **ug:** micrograms, **mL:** milliliters, **ND:** not detected, **<LOQ:** below limit of quantitation, **NMT:** no more than, **NLT:** no less than, **UHPLC:** ultra-high performance liquid chromatography, **GC:** gas chromatography, **DAD:** diode array detection/detector, **MS:** mass spectroscopy/spectrometer, **ICP:** inductively coupled plasma, **ISO:** International Organization for Standardization, **USP:** United States Pharmacopeia

Authorization

This report has been authorized for release from Cora Science by:

| | | | |
|-------------------|---|--------------------|---------------------|
| Signature: |  | Position: | Laboratory Director |
| Name: | Tyler West | Department: | Management |
| | | Date: | 05SEP2025 |