



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

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

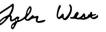
rev 00 - Initial release.
rev 01- Added T005 results.

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