

# Certificate of Analysis



## CUSTOMER INFORMATION

Client Name: Evolution Distro  
 Address: Hallandale Beach, FL 33009  
 Phone Number:

## TESTING FACILITY

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

## SAMPLE IMAGE(S)



## JOB / SAMPLE INFORMATION

Received: 10 JUL 2023  
 Condition: Good  
 Job ID: ISO01317  
 Sample ID: I02004  
 Sample Name: 0703  
 Lot 0703  
 Description: Liquid botanical extract  
 Completed: 12 JUL 2023  
 Issued: 12 JUL 2023

## TEST RESULT(S)

Mitragyna Alkaloids Assay (UHPLC-DAD)		Method Code:	T102	Tested:	12JUL2023   0445
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.14	w/w%	0.018	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.018	N/A
Paynantheine	Report Results	0.216	w/w%	0.018	N/A
Speciogynine	Report Results	0.192	w/w%	0.018	N/A
Speciociliatine	Report Results	0.316	w/w%	0.018	N/A
Total Mitragyna Alkaloids	Report Results	1.86	w/w%	0.018	N/A

Mitragyna Alkaloids Assay (UHPLC-DAD)		Method Code:	T102	Tested:	12JUL2023   0445
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	12.2	mg/mL	0.20	N/A
7-Hydroxymitragynine	Report Results	<LOQ	mg/mL	0.20	N/A
Paynantheine	Report Results	2.30	mg/mL	0.20	N/A
Speciogynine	Report Results	2.05	mg/mL	0.20	N/A
Speciociliatine	Report Results	3.37	mg/mL	0.20	N/A
Total Mitragyna Alkaloids	Report Results	19.9	mg/mL	0.20	N/A

**Microbiological Examination**

Method Code: T005      Tested: 10JUL2023 | 1630

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	Not Detected	CFU/gram	10 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	Not Detected	CFU/gram	10 CFU/gram	PASS
Total Coliforms	10,000 CFU/gram	Not Detected	CFU/gram	10 CFU/gram	PASS
<i>Escherichia coli</i>	Not Detected in 5 grams	Not Detected	N/A	1 CFU/5 grams	PASS
<i>Salmonella</i>	Not Detected in 5 grams	Not Detected	N/A	1 CFU/5 grams	PASS

**pH (Acidified Food)**

Method Code: T402      Tested: 12JUL2023 | 1106

PARAMETER	RESULT	RANGE	NOTES
pH	5.15	2 - 12	N/A

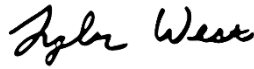
**ADDITIONAL REPORT NOTES**

T102 result, LOQ and unit converted from w/w% to mg/mL using a laboratory measured density of 1.067 g/mL.

**REVISION HISTORY**

rev00      Initial release.

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

**Signature:**

**Department:** Management

**Name:**

Tyler West, Laboratory Director

**Date:** 12 JUL 2023

**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