



Certificate of Analysis

Customer Information

Client: Empowered Creations, LLC
Attention: +1 (830) 660-9770
Address: 321 W. Ben White Blvd, Suite 103
 Austin, TX 78704

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: PROF WHYTE'S TRAINWRECK
Lot Number: 11744
Description: Finely ground plant material
Condition: Good
Job ID: ISO06556
Sample ID: I18328
Received: 16MAR2026
Completed: 17MAR2026
Issued: 18MAR2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 16MAR2026 | 1812

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.26	w/w%	0.0051	N/A
7-Hydroxymitragynine	Report Results	0.00268	w/w%	0.0014	N/A
Paynantheine	Report Results	0.249	w/w%	0.0051	N/A
Speciogynine	Report Results	0.186	w/w%	0.0051	N/A
Speciociliatine	Report Results	0.365	w/w%	0.0051	N/A
Total Mitragyna Alkaloids	Report Results	2.06	w/w%	0.0051	N/A

Moisture Content

Method Code: T505

Tested: 17MAR2026 | 0950

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Moisture	Report Results	5.78	%	0.1	N/A

7-Hydroxymitragynine Limit (0.04%)

Method Code: 813

Tested: 17MAR2026 | 0950

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
7-Hydroxymitragynine	NMT 400 PPM	28	ppm	15	PASS

Additional Report Notes

T813 results are reported on a dry-weight basis (DWB). Reported values converted from T102 results using the laboratory-measured moisture content by T505 for each sample:

DWB w/w% = (as-received w/w%) ÷ (1 – moisture%/100).

Revision History

Report ID: b5073ed1-2ceb-4e82-8969-e6e4089efde4

rev 00 - Initial release.

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

Department:

Management

Name:

Tyler West

Date:

18MAR2026