Certificate of Analysis

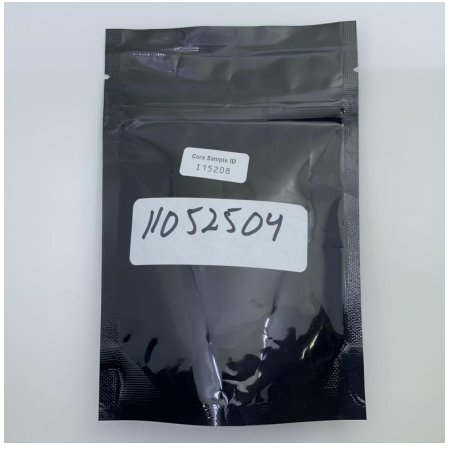
Customer Information

Client: TCC LLC
Attention: shipping@btgdistro.com
Address: 2426 S Liberty St, STE 1
Boise, ID 83709

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: 11052504
Lot Number: 110525
Description: Finely ground plant material
Condition: Good
Job ID: ISO05500
Sample ID: I15208
Received: 10NOV2025
Completed: 10NOV2025
Issued: 10NOV2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 13NOV2025 | 0757**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.46	w/w%	0.0054	N/A
7-Hydroxymitragynine	Report Results	0.00340	w/w%	0.0014	N/A
Paynantheine	Report Results	0.267	w/w%	0.0054	N/A
Speciogynine	Report Results	0.199	w/w%	0.0054	N/A
Speciociliatine	Report Results	0.392	w/w%	0.0054	N/A
Total Mitragyna Alkaloids	Report Results	2.32	w/w%	0.0054	N/A

Elemental Impurities (ICP-MS) **Method Code: T301** **Tested: 14NOV2025 | 1226**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.032	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.067	ug/g	0.002	PASS
Mercury	NMT 0.20	0.010	ug/g	0.002	PASS
Lead	NMT 5.00	0.413	ug/g	0.002	PASS

Microbiological Examination **Method Code: T005** **Tested: 12NOV2025 | 1000**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	NMT 10,000,000 CFU/g	230	CFU/g	20 CFU/g	PASS
Total Yeast and Mold	NMT 100,000 CFU/g	<LOQ	CFU/g	20 CFU/g	PASS
Total Coliforms	NMT 10,000 CFU/g	<LOQ	CFU/g	20 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

Elemental Impurities (ICP-MS) **Method Code: T301** **Tested: 14NOV2025 | 1226**

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.032	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.067	ug/g	0.002	PASS
Mercury	NMT 0.20	0.01	ug/g	0.002	PASS
Lead	NMT 5.00	0.413	ug/g	0.002	PASS
Iron	N/A	107	ug/g	0.002	N/A
Chromium	N/A	0.846	ug/g	0.002	N/A
Nickel	N/A	1.97	ug/g	0.002	N/A
Cobalt	N/A	0.279	ug/g	0.002	N/A
Vanadium	N/A	0.122	ug/g	0.002	N/A

Additional Report Notes

N/A

Revision History

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:	Tyler West	**Position:**	Laboratory Director
		Department:	Management
Name:	Tyler West	**Date:**	10NOV2025

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