Certificate of Analysis

Customer Information

Client: Kats Botanicals
Attention: mike@katsbotanicals.com
Address: 750 Hickory Industrial
Old Hickory, TN 37138

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: KB-685-TPS
Lot Number: 685362GMDC
Description: Finely ground plant material
Condition: Good
Job ID: ISO02966
Sample ID: I07540
Received: 16DEC2024
Completed: 21DEC2024
Issued: 23DEC2024

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 21DEC2024 | 2057**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.30	w/w%	0.011	N/A
7-Hydroxymitragynine	Report Results	<LOQ	w/w%	0.003	N/A
Paynantheine	Report Results	0.239	w/w%	0.011	N/A
Speciogynine	Report Results	0.184	w/w%	0.011	N/A
Speciociliatine	Report Results	0.378	w/w%	0.011	N/A
Total Mitragyna Alkaloids	Report Results	2.11	w/w%	0.011	N/A

Elemental Impurities (ICP-MS) **Method Code: T301** **Tested: 19DEC2024 | 1132**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.326	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.021	ug/g	0.002	PASS
Mercury	NMT 0.20	0.012	ug/g	0.002	PASS
Lead	NMT 5.00	0.954	ug/g	0.002	PASS

Microbiological Examination **Method Code: T005** **Tested: 17DEC2024 | 1346**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU / g	1,953	CFU/g	20 CFU / g	PASS
Total Yeast and Mold	100,000 CFU / g	880	CFU/g	20 CFU / g	PASS
Total Coliforms	10,000 CFU / g	40	CFU/g	20 CFU / g	PASS
Escherichia coli	Not Detected in 10 g	Not Detected	N/A	1 CFU / 10 g	PASS
Salmonella	Not Detected in 25 g	Not Detected	N/A	1 CFU / 25 g	PASS

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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: 

Name: Tyler West

Position: Laboratory Director

Department: Management

Date: 23DEC2024

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