Certificate of Analysis

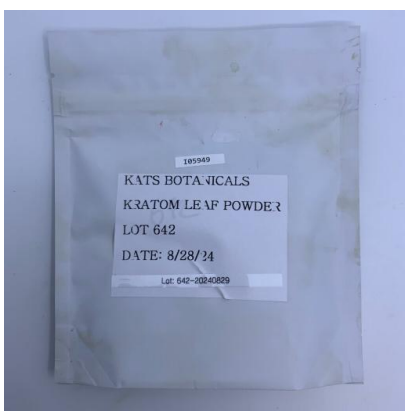
Customer Information

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-642-TPS
Lot Number: 642254ATWC
Description: Finely ground plant material
Condition: Good
Job ID: ISO02468
Sample ID: I05949
Received: 03SEP2024
Completed: 10SEP2024
Issued: 11SEP2024

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 10SEP2024 | 1552**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.14	w/w%	0.010	N/A
7-Hydroxymitragynine	Report Results	0.003	w/w%	0.003	N/A
Paynantheine	Report Results	0.219	w/w%	0.010	N/A
Speciogynine	Report Results	0.167	w/w%	0.010	N/A
Speciocilatine	Report Results	0.408	w/w%	0.010	N/A
Total Mitragyna Alkaloids	Report Results	1.94	w/w%	0.010	N/A

Microbiological Examination **Method Code: T005** **Tested: 05SEP2024 | 1145**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU / g	420	N/A	20 CFU / g	PASS
Total Yeast and Mold	100,000 CFU / g	40	N/A	20 CFU / g	PASS
Total Coliforms	10,000 CFU / g	Not Detected	N/A	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

Elemental Impurities (ICP-MS) **Method Code: T301** **Tested: 09SEP2024 | 1447**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.0	0.257	ug/g	0.0060	PASS
Cadmium	NMT 0.5	0.0210	ug/g	0.0020	PASS
Lead	NMT 5.0	0.764	ug/g	0.0020	PASS
Mercury	NMT 0.2	0.00601	ug/g	0.0020	PASS

This report, prepared by Cora Science, LLC, shall not be reproduced except in its entirety without prior written approval. All test articles are analyzed as received and the results relate only to the specific sample of material or product analyzed. Test methods are performed in a laboratory accredited to ISO/IEC 17025:2017 in the field of testing by PJLA (Accreditation #116374) or a registered outsourcing facility. Some test methods reported may fall outside the scope of L22-250 supplement.

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: 11SEP2024

This report, prepared by Cora Science, LLC, shall not be reproduced except in its entirety without prior written approval. All test articles are analyzed as received and the results relate only to the specific sample of material or product analyzed. Test methods are performed in a laboratory accredited to ISO/IEC 17025:2017 in the field of testing by PJLA (Accreditation #116374) or a registered outsourcing facility. Some test methods reported may fall outside the scope of L22-250 supplement.