Certificate of Analysis

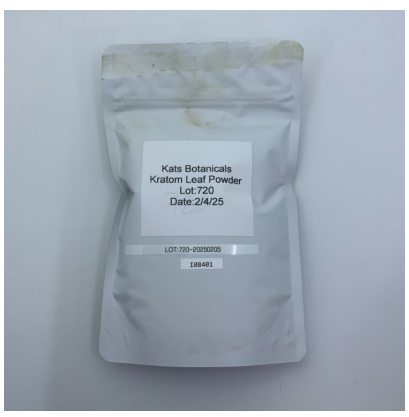
Customer Information

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-720-TPS
Lot Number:	720056GMDP
Description:	Finely ground plant material
Condition:	Good
Job ID:	ISO03307
Sample ID:	I08401
Received:	10FEB2025
Completed:	20FEB2025
Issued:	20FEB2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 15FEB2025 | 1035**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.35	w/w%	0.011	N/A
7-Hydroxymitragynine	Report Results	0.010	w/w%	0.003	N/A
Paynantheine	Report Results	0.251	w/w%	0.011	N/A
Speciogynine	Report Results	0.192	w/w%	0.011	N/A
Speciociliatine	Report Results	0.390	w/w%	0.011	N/A
Total Mitragyna Alkaloids	Report Results	2.19	w/w%	0.011	N/A

Elemental Impurities (ICP-MS) **Method Code: T301** **Tested: 20FEB2025 | 1659**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.00	0.259	ug/g	0.006	PASS
Cadmium	NMT 0.50	0.019	ug/g	0.002	PASS
Mercury	NMT 0.20	0.030	ug/g	0.002	PASS
Lead	NMT 5.00	0.626	ug/g	0.002	PASS

Microbiological Examination **Method Code: T005** **Tested: 10FEB2025 | 1344**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU / g	1,847	CFU/g	20 CFU / g	PASS
Total Yeast and Mold	100,000 CFU / g	190	CFU/g	20 CFU / g	PASS
Total Coliforms	10,000 CFU / g	Not Detected	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

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.
rev 01 - Added T301 results.

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:**	20FEB2025

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.