Certificate of Analysis

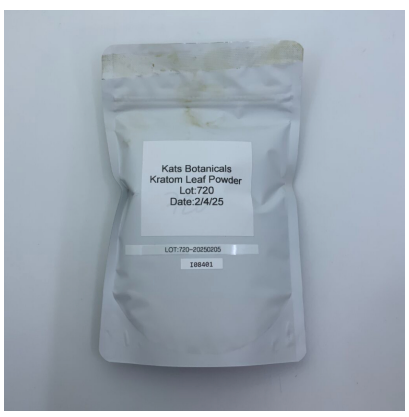
Customer Information

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:	720058SGP
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

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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

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