

# Certificate of Analysis



## Customer Information

**Client:** Kats Kratom  
**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-659-TPS  
**Lot Number:** 659366WMDC  
**Description:** Finely ground plant material  
**Condition:** Good  
**Job ID:** ISO02568  
**Sample ID:** I06261  
**Received:** 27SEP2024  
**Completed:** 03OCT2024  
**Issued:** 03OCT2024

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 02OCT2024 | 0100

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	1.44	w/w%	0.011	N/A
7-Hydroxymitragynine	Report Results	0.004	w/w%	0.003	N/A
Paynantheine	Report Results	0.263	w/w%	0.011	N/A
Speciogynine	Report Results	0.203	w/w%	0.011	N/A
Speciociliatine	Report Results	0.389	w/w%	0.011	N/A
Total Mitragyna Alkaloids	Report Results	2.30	w/w%	0.011	N/A

### Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 30SEP2024 | 1729

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 2.0	0.163	ug/g	0.0060	PASS
Cadmium	NMT 0.5	0.0110	ug/g	0.0020	PASS
Lead	NMT 5.0	0.489	ug/g	0.0020	PASS
Mercury	NMT 0.2	<LOQ	ug/g	0.0020	PASS

### Microbiological Examination

Method Code: T005

Tested: 01OCT2024 | 1115

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU / g	3,513	CFU/g	20 CFU / g	PASS
Total Yeast and Mold	100,000 CFU / g	170	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

## Additional Report Notes

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N/A

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## Revision History

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rev 00 - Initial release.

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## Abbreviations

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**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

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## Authorization

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This report has been authorized for release from Cora Science by:

**Signature:**



**Position:**

Laboratory Director

**Department:**

Management

**Name:**

Tyler West

**Date:**

03OCT2024