

Customer Information

Client: TestMyKratom.org
Attention: test.my.kratom@gmail.com
Address: 18117 Biscayne Blvd, Suite #4220
Miami, FL 33160

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: OPMS Black capsule
Lot Number: 2025-03
Description: Hard-shell capsule
Condition: Good
Job ID: ISO03497
Sample ID: I09003
Received: 07MAR2025
Completed: 14MAR2025
Issued: 19MAR2025

Test Results

Mitragyna Alkaloids (UHPLC-DAD)Method Code: T102Tested: 13MAR2025 | 2348

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	112	mg/unit	0.074	N/A
7-Hydroxymitragynine	Report Results	0.409	mg/unit	0.074	N/A
Mitragynine Pseudoindoxyl	Report Results	<LOQ	mg/unit	0.074	N/A
Mitraciliatine	Report Results	4.00	mg/unit	0.074	N/A
Speciociliatine	Report Results	37.4	mg/unit	0.074	N/A
Speciogynine	Report Results	16.5	mg/unit	0.074	N/A
Paynantheine	Report Results	22.3	mg/unit	0.074	N/A
Corynoxine	Report Results	4.98	mg/unit	0.074	N/A
Isorhynchophylline	Report Results	0.572	mg/unit	0.074	N/A
Mitraphylline	Report Results	<LOQ	mg/unit	0.074	N/A
Total Mitragyna Alkaloids	Report Results	198	mg/unit	0.074	N/A

Mitragyna Alkaloids (UHPLC-DAD)Method Code: T102Tested: 13MAR2025 | 2348

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	15.7	w/w%	0.0104	N/A
7-Hydroxymitragynine	Report Results	0.057	w/w%	0.0104	N/A
Mitragynine Pseudoindoxyl	Report Results	<LOQ	w/w%	0.0104	N/A
Mitraciliatine	Report Results	0.562	w/w%	0.0104	N/A
Speciociliatine	Report Results	5.25	w/w%	0.0104	N/A
Speciogynine	Report Results	2.31	w/w%	0.0104	N/A
Paynantheine	Report Results	3.13	w/w%	0.0104	N/A
Corynoxine	Report Results	0.700	w/w%	0.0104	N/A
Isorhynchophylline	Report Results	0.080	w/w%	0.0104	N/A
Mitraphylline	Report Results	<LOQ	w/w%	0.0104	N/A
Total Alkaloids	Report Results	27.8	w/w%	0.0104	N/A

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.

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
1,1-Dichloroethene	NMT 8	<LOQ	ug/g	0.40	PASS
1,1,1-Trichloroethane	NMT 1500	<LOQ	ug/g	75	PASS
Tetrachloromethane	NMT 4	<LOQ	ug/g	0.20	PASS
Benzene	NMT 2	<LOQ	ug/g	0.10	PASS
1,2-Dichloroethane	NMT 5	<LOQ	ug/g	0.25	PASS

Residual Solvents: Class II (GC-MS)

Method Code: T201

Tested: 12MAR2025 | 0547

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Methanol	NMT 3000	<LOQ	ug/g	150	PASS
Acetonitrile	NMT 410	<LOQ	ug/g	21	PASS
Dichloromethane	NMT 600	<LOQ	ug/g	30	PASS
1,2-Dichloroethene, (E)	NMT 1870	<LOQ	ug/g	94	PASS
1,2-Dichloroethene, (Z)	NMT 1870	<LOQ	ug/g	94	PASS
Tetrahydrofuran	NMT 720	<LOQ	ug/g	36	PASS
Cyclohexane	NMT 3880	<LOQ	ug/g	194	PASS
Methylcyclohexane	NMT 1180	<LOQ	ug/g	59	PASS
1,4-Dioxane	NMT 380	<LOQ	ug/g	19	PASS
Toluene	NMT 890	<LOQ	ug/g	45	PASS
Chlorobenzene	NMT 360	<LOQ	ug/g	18.0	PASS
Ethylbenzene	NMT 2170	<LOQ	ug/g	109	PASS
o/p-Xylene	NMT 2170	<LOQ	ug/g	109	PASS
m-Xylene	NMT 2170	<LOQ	ug/g	109	PASS
Isopropylbenzene	NMT 70	<LOQ	ug/g	3.5	PASS
Hexane	NMT 290	<LOQ	ug/g	14.5	PASS
Nitromethane	NMT 50	<LOQ	ug/g	2.5	PASS
Chloroform	NMT 60	<LOQ	ug/g	3.0	PASS
1,2-Dimethoxyethane	NMT 100	<LOQ	ug/g	5.0	PASS
Trichloroethene	NMT 80	<LOQ	ug/g	4.0	PASS
Pyridine	NMT 200	<LOQ	ug/g	10.0	PASS
2-Hexanone	NMT 50	<LOQ	ug/g	2.5	PASS
Tetralin	NMT 100	<LOQ	ug/g	5.0	PASS

Residual Solvents: Class III (GC-MS)

Method Code: T201

Tested: 12MAR2025 | 0547

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Pentane	NMT 5000	<LOQ	ug/g	200	PASS
Ethanol	NMT 5000	<LOQ	ug/g	200	PASS
Diethyl Ether	NMT 5000	<LOQ	ug/g	200	PASS
Acetone	NMT 5000	<LOQ	ug/g	200	PASS
Ethyl Formate	NMT 5000	<LOQ	ug/g	200	PASS
Isopropanol	NMT 5000	<LOQ	ug/g	200	PASS
Methyl Acetate	NMT 5000	<LOQ	ug/g	200	PASS
Methyl tert-Butyl Ether	NMT 5000	<LOQ	ug/g	200	PASS
1-Propanol	NMT 5000	<LOQ	ug/g	200	PASS
2-Butanone	NMT 5000	<LOQ	ug/g	200	PASS
Ethyl Acetate	NMT 5000	7710	ug/g	200	FAIL
2-Butanol	NMT 5000	<LOQ	ug/g	200	PASS
2-Methyl-1-Propanol	NMT 5000	<LOQ	ug/g	200	PASS
Isopropyl Acetate	NMT 5000	<LOQ	ug/g	200	PASS
Heptane	NMT 5000	<LOQ	ug/g	200	PASS
1-Butanol	NMT 5000	<LOQ	ug/g	200	PASS
Propyl Acetate	NMT 5000	<LOQ	ug/g	200	PASS
4-Methyl-2-Pentanone	NMT 5000	<LOQ	ug/g	200	PASS
Isoamyl Alcohol	NMT 5000	<LOQ	ug/g	200	PASS
Isobutyl Acetate	NMT 5000	<LOQ	ug/g	200	PASS
1-Pentanol	NMT 5000	<LOQ	ug/g	200	PASS
Butyl Acetate	NMT 5000	<LOQ	ug/g	200	PASS
Dimethylsulfoxide	NMT 5000	<LOQ	ug/g	200	PASS
Anisole	NMT 5000	<LOQ	ug/g	200	PASS

Adulterants (GC-MS/MS:1/2)

Method Code: T451

Tested: 14MAR2025 | 2040

PARAMETER	RESULT	UNIT	LOQ	NOTES
Meperidine	<LOQ	ug/g	0.05	PASS
cis-Tramadol	<LOQ	ug/g	0.05	PASS
Methadone	<LOQ	ug/g	0.05	PASS
Heroin	<LOQ	ug/g	0.05	PASS
Codeine	<LOQ	ug/g	0.05	PASS
Morphine	<LOQ	ug/g	0.05	PASS
Hydrocodone	<LOQ	ug/g	0.05	PASS
Hydromorphone	<LOQ	ug/g	0.05	PASS
Oxycodone	<LOQ	ug/g	0.05	PASS
Naltrexone	<LOQ	ug/g	0.05	PASS
Naloxone	<LOQ	ug/g	0.05	PASS
Oxymorphone	<LOQ	ug/g	0.05	PASS
Fentanyl	<LOQ	ug/g	0.05	PASS
Buprenorphine	<LOQ	ug/g	0.05	PASS
Tianeptine	<LOQ	ug/g	0.05	PASS

Adulterants (GC-MS/MS:2/2)

Method Code: T451

Tested: 14MAR2025 | 2040

PARAMETER	RESULT	UNIT	LOQ	NOTES
Amphetamine	<LOQ	ug/g	0.05	PASS
Phentermine	<LOQ	ug/g	0.05	PASS
Methamphetamine	<LOQ	ug/g	0.05	PASS
MDA	<LOQ	ug/g	0.05	PASS
MDMA	<LOQ	ug/g	0.05	PASS
MDEA	<LOQ	ug/g	0.05	PASS
Cocaine	<LOQ	ug/g	0.05	PASS
Amobarbital	<LOQ	ug/g	0.05	PASS
Butalbital	<LOQ	ug/g	0.05	PASS
Pentobarbital	<LOQ	ug/g	0.05	PASS
Phenobarbital	<LOQ	ug/g	0.05	PASS
Secobarbital	<LOQ	ug/g	0.05	PASS
Alprazolam	<LOQ	ug/g	0.05	PASS
Clonazepam	<LOQ	ug/g	0.05	PASS
Diazepam	<LOQ	ug/g	0.05	PASS
Flunitrazepam	<LOQ	ug/g	0.05	PASS
Lorazepam	<LOQ	ug/g	0.05	PASS
Oxazepam	<LOQ	ug/g	0.05	PASS
Nitrazepam	<LOQ	ug/g	0.05	PASS
Temazepam	<LOQ	ug/g	0.05	PASS

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.712 grams.

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:

Tyler West

Position:

Laboratory Director

Department:

Management

Name:

Tyler West

Date:

19MAR2025