

Certificate of Analysis



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: Kratom Kulture Red-OH tablet
Lot Number: 2024-11
Description: Pressed Tablet
Condition: Good
Job ID: ISO02843
Sample ID: I07117
Received: 21NOV2024
Completed: 28NOV2024
Issued: 29NOV2024

Test Results

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 28NOV2024 | 0020

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.922	mg/unit	0.034	N/A
7-Hydroxymitragynine	Report Results	0.198	mg/unit	0.009	N/A
Paynantheine	Report Results	<LOQ	mg/unit	0.034	N/A
Speciogynine	Report Results	<LOQ	mg/unit	0.034	N/A
Speciociliatine	Report Results	0.127	mg/unit	0.034	N/A
Mitraciliatine	Report Results	<LOQ	mg/unit	0.023	N/A
Isorhynchophylline	Report Results	<LOQ	mg/unit	0.023	N/A
Corynoxine	Report Results	<LOQ	mg/unit	0.023	N/A
Mitragynine Pseudoindoxyl	Report Results	11.2	mg/unit	0.031	N/A
Total Mitragyna Alkaloids	Report Results	12.4	mg/unit	0.034	N/A

Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 28NOV2024 | 0020

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.146	w/w%	0.0054	N/A
7-Hydroxymitragynine	Report Results	0.031	w/w%	0.0014	N/A
Paynantheine	Report Results	<LOQ	w/w%	0.0054	N/A
Speciogynine	Report Results	<LOQ	w/w%	0.0054	N/A
Speciociliatine	Report Results	0.020	w/w%	0.0054	N/A
Mitraciliatine	Report Results	<LOQ	w/w%	0.0036	N/A
Isorhynchophylline	Report Results	<LOQ	w/w%	0.0036	N/A
Corynoxine	Report Results	<LOQ	w/w%	0.0036	N/A
Mitragynine Pseudoindoxyl	Report Results	1.77	w/w%	0.0049	N/A
Total Alkaloids	Report Results	1.97	w/w%	0.0054	N/A

Residual Solvents: Class I (GC-MS)

Method Code: T201

Tested: 22NOV2024 | 0834

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	0.4	PASS
1,1,1-Trichloroethane	NMT 1500	<LOQ	ug/g	75	PASS
Tetrachloromethane	NMT 4	<LOQ	ug/g	0.2	PASS
Benzene	NMT 2	<LOQ	ug/g	0.1	PASS
1,2-Dichloroethane	NMT 5	<LOQ	ug/g	0.25	PASS

Residual Solvents: Class II (GC-MS)**Method Code: T201****Tested: 22NOV2024 | 0834**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Methanol	NMT 3000	<LOQ	ug/g	94	PASS
Acetonitrile	NMT 410	<LOQ	ug/g	20.5	PASS
Dichloromethane	NMT 600	<LOQ	ug/g	30	PASS
1,2-Dichloroethene, (E)	NMT 1870	<LOQ	ug/g	93.5	PASS
1,2-Dichloroethene, (Z)	NMT 1870	<LOQ	ug/g	93.5	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	44.5	PASS
Chlorobenzene	NMT 360	<LOQ	ug/g	18	PASS
Ethylbenzene	NMT 2170	<LOQ	ug/g	108.5	PASS
o/p-Xylene	NMT 2170	<LOQ	ug/g	108.5	PASS
m-Xylene	NMT 2170	<LOQ	ug/g	108.5	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	PASS
1,2-Dimethoxyethane	NMT 100	<LOQ	ug/g	5	PASS
Trichloroethene	NMT 80	<LOQ	ug/g	4	PASS
Pyridine	NMT 200	<LOQ	ug/g	10	PASS
2-Hexanone	NMT 50	<LOQ	ug/g	2.5	PASS
Tetralin	NMT 100	<LOQ	ug/g	5	PASS

Residual Solvents: Class III (GC-MS)**Method Code: T201****Tested: 22NOV2024 | 0834**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Pentane	NMT 5000	<LOQ	ug/g	125	PASS
Ethanol	NMT 5000	<LOQ	ug/g	125	PASS
Diethyl Ether	NMT 5000	<LOQ	ug/g	125	PASS
Acetone	NMT 5000	<LOQ	ug/g	125	PASS
Ethyl Formate	NMT 5000	<LOQ	ug/g	125	PASS
Isopropanol	NMT 5000	<LOQ	ug/g	125	PASS
Methyl Acetate	NMT 5000	<LOQ	ug/g	125	PASS
Methyl tert-Butyl Ether	NMT 5000	<LOQ	ug/g	125	PASS
1-Propanol	NMT 5000	<LOQ	ug/g	125	PASS
2-Butanone	NMT 5000	<LOQ	ug/g	125	PASS
Ethyl Acetate	NMT 5000	<LOQ	ug/g	125	PASS
2-Butanol	NMT 5000	<LOQ	ug/g	125	PASS
2-Methyl-1-Propanol	NMT 5000	<LOQ	ug/g	125	PASS
Isopropyl Acetate	NMT 5000	<LOQ	ug/g	125	PASS
Heptane	NMT 5000	<LOQ	ug/g	125	PASS
1-Butanol	NMT 5000	<LOQ	ug/g	125	PASS
Propyl Acetate	NMT 5000	<LOQ	ug/g	125	PASS
4-Methyl-2-Pentanone	NMT 5000	<LOQ	ug/g	125	PASS
Isoamyl Alcohol	NMT 5000	<LOQ	ug/g	125	PASS
Isobutyl Acetate	NMT 5000	<LOQ	ug/g	125	PASS
1-Pentanol	NMT 5000	<LOQ	ug/g	125	PASS
Butyl Acetate	NMT 5000	<LOQ	ug/g	125	PASS
Dimethylsulfoxide	NMT 5000	<LOQ	ug/g	125	PASS
Anisole	NMT 5000	<LOQ	ug/g	125	PASS

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

Method Code: T451

Tested: 28NOV2024 | 0204

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Meperidine	Not Detected	<LOQ	ug/g	0.05	PASS
cis-Tramadol	Not Detected	<LOQ	ug/g	0.05	PASS
Methadone	Not Detected	<LOQ	ug/g	0.05	PASS
Heroin	Not Detected	<LOQ	ug/g	0.05	PASS
Codeine	Not Detected	<LOQ	ug/g	0.05	PASS
Morphine	Not Detected	<LOQ	ug/g	0.05	PASS
Hydrocodone	Not Detected	<LOQ	ug/g	0.05	PASS
Hydromorphone	Not Detected	<LOQ	ug/g	0.05	PASS
Oxycodone	Not Detected	<LOQ	ug/g	0.05	PASS
Naltrexone	Not Detected	<LOQ	ug/g	0.05	PASS
Naloxone	Not Detected	<LOQ	ug/g	0.05	PASS
Oxymorphone	Not Detected	<LOQ	ug/g	0.05	PASS
Fentanyl	Not Detected	<LOQ	ug/g	0.05	PASS
Buprenorphine	Not Detected	<LOQ	ug/g	0.05	PASS
Tianeptine	Not Detected	<LOQ	ug/g	0.05	PASS

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

Method Code: T451

Tested: 28NOV2024 | 0204

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Amphetamine	Not Detected	<LOQ	ug/g	0.05	PASS
Phentermine	Not Detected	<LOQ	ug/g	0.05	PASS
Methamphetamine	Not Detected	<LOQ	ug/g	0.05	PASS
MDA	Not Detected	<LOQ	ug/g	0.05	PASS
MDMA	Not Detected	<LOQ	ug/g	0.05	PASS
MDEA	Not Detected	<LOQ	ug/g	0.05	PASS
Cocaine	Not Detected	<LOQ	ug/g	0.05	PASS
Amobarbital	Not Detected	<LOQ	ug/g	0.05	PASS
Butalbital	Not Detected	<LOQ	ug/g	0.05	PASS
Pentobarbital	Not Detected	<LOQ	ug/g	0.05	PASS
Phenobarbital	Not Detected	<LOQ	ug/g	0.05	PASS
Secobarbital	Not Detected	<LOQ	ug/g	0.05	PASS
Alprazolam	Not Detected	<LOQ	ug/g	0.05	PASS
Clonazepam	Not Detected	<LOQ	ug/g	0.05	PASS
Diazepam	Not Detected	<LOQ	ug/g	0.05	PASS
Flunitrazepam	Not Detected	<LOQ	ug/g	0.05	PASS
Lorazepam	Not Detected	<LOQ	ug/g	0.05	PASS
Oxazepam	Not Detected	<LOQ	ug/g	0.05	PASS
Nitrazepam	Not Detected	<LOQ	ug/g	0.05	PASS
Temazepam	Not Detected	<LOQ	ug/g	0.05	PASS

Additional Report Notes

T102E result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.632 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:

29NOV2024