### Certificate of Analysis



TestMyKratom.org

**Customer Information** 

**Client:** 

TestMyKratom.org **Attention:** test.my.kratom@gmail.com

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Miami, FL 33160

**Testing Facility** 

Cora Science, LLC Lab:

8000 Anderson Square, STE 113 **Address** 

Austin, Texas 78757

**Contact:** info@corascience.com

(512) 856-5007

# Sample Image(s)

(ratom.org



Sample Information

TestMyKratom.org Hydroxi Name: **Lot Number:** 2024-08

**Description: Pressed Tablet** 

**Condition:** Good ISO02359 Job ID:

105601 Sample ID:

**Received:** 07AUG2024 **Completed:** 13AUG2024 Issued: 15AUG2024

## Test Results ratom.org

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** Tested: 10AUG2024 | 1952

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	2.95	mg/unit	0.03	N/A
7-Hydroxymitragynine	Report Results	14.9	mg/unit	0.01	N/A
Paynantheine	Report Results	0.036	mg/unit	0.03	N/A
Speciogynine	Report Results	<loq< td=""><td>mg/unit</td><td>0.03</td><td>N/A</td></loq<>	mg/unit	0.03	N/A
Speciociliatine	Report Results	<loq< td=""><td>mg/unit</td><td>0.03</td><td>N/A</td></loq<>	mg/unit	0.03	N/A
Total Mitragyna Alkaloids	Report Results	17.8	mg/unit	0.03	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** Tested: 10AUG2024 | 1952

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.448	w/w%	0.005	N/A
7-Hydroxymitragynine	Report Results	2.26	w/w%	0.0014	N/A
Paynantheine	Report Results	0.006	w/w%	0.005	N/A
Speciogynine	Report Results	<loq< td=""><td>w/w%</td><td>0.005</td><td>N/A</td></loq<>	w/w%	0.005	N/A
Speciociliatine	Report Results	<loq< td=""><td>w/w%</td><td>0.005</td><td>N/A</td></loq<>	w/w%	0.005	N/A
Total Mitragyna Alkaloids	Report Results	2.71	w/w%	0.005	N/A

Tested: 13AUG2024 | 0623 Residual Solvents: Class I (GC-MS) **Method Code: T201** 

ToctMIYI	Toct	TactMY			TactMy		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES		
1,1-Dichloroethene	NMT 8	<loq< td=""><td>ug/g</td><td>0.4</td><td>PASS</td></loq<>	ug/g	0.4	PASS		
1,1,1-Trichloroethane	NMT 1500	<loq< td=""><td>ug/g</td><td>75</td><td>PASS</td></loq<>	ug/g	75	PASS		
Tetrachloromethane	NMT 4	<loq< td=""><td>ug/g</td><td>0.2</td><td>PASS</td></loq<>	ug/g	0.2	PASS		
Benzene	NMT 2	<loq< td=""><td>ug/g</td><td>-0.10rg</td><td>PASS</td></loq<>	ug/g	-0.10rg	PASS		
1,2-Dichloroethane	NMT 5	<loq< td=""><td>ug/g</td><td>0.25</td><td>PASS</td></loq<>	ug/g	0.25	PASS		

Work Order ID: ISO02359 - Sample Id: I05601 - Received Date: 07AUG2024 - Issued Date: 15AUG2024 - Page: 2

olvents: Class II (GC-MS)

Method Code: T201

Tosted **Method Code: T201** Residual Solvents: Class II (GC-MS) Tested: 13AUG2024 | 0623

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Methanol	NMT 3000	<loq< td=""><td>ug/g</td><td>94</td><td>PASS</td><td></td></loq<>	ug/g	94	PASS	
Acetonitrile	NMT 410	<loq< td=""><td>ug/g</td><td>20.5</td><td>PASS</td><td></td></loq<>	ug/g	20.5	PASS	
Dichloromethane	NMT 600	<loq< td=""><td>ug/g</td><td>30</td><td>PASS</td><td>,</td></loq<>	ug/g	30	PASS	,
1,2-Dichloroethene, (E)	NMT 1870	<loq< td=""><td>ug/g</td><td>93.5</td><td>PASS</td><td></td></loq<>	ug/g	93.5	PASS	
1,2-Dichloroethene, (Z)	NMT 1870	<loq< td=""><td>ug/g</td><td>93.5</td><td>PASS</td><td></td></loq<>	ug/g	93.5	PASS	
Tetrahydrofuran	NMT 720	<loq< td=""><td>ug/g</td><td>36</td><td>PASS</td><td></td></loq<>	ug/g	36	PASS	
Cyclohexane	NMT 3880	<loq< td=""><td>ug/g</td><td>194</td><td>PASS</td><td></td></loq<>	ug/g	194	PASS	
Methylcyclohexane 1,4-Dioxane	NMT 1180	<loq< td=""><td>n.orgug/g</td><td>59</td><td>PASS</td><td>۸.</td></loq<>	n.orgug/g	59	PASS	۸.
	NMT 380	<loq< td=""><td>ug/g</td><td>19</td><td>PASS</td><td>,</td></loq<>	ug/g	19	PASS	,
Toluene (Street)	NMT 890	<loq< td=""><td>ug/g</td><td>44.5</td><td>PASS</td><td></td></loq<>	ug/g	44.5	PASS	
Chlorobenzene	NMT 360	<loq< td=""><td>ug/g</td><td>18</td><td>PASS</td><td></td></loq<>	ug/g	18	PASS	
Ethylbenzene	NMT 2170	<loq< td=""><td>ug/g</td><td>108.5</td><td>PASS</td><td></td></loq<>	ug/g	108.5	PASS	
o/p-Xylene	NMT 2170	<loq< td=""><td>ug/g</td><td>108.5</td><td>PASS</td><td></td></loq<>	ug/g	108.5	PASS	
m-Xylene	NMT 2170	<loq< td=""><td>ug/g</td><td>108.5</td><td>PASS</td><td></td></loq<>	ug/g	108.5	PASS	
lsopropylbenzene	NMT 70	<loq< td=""><td>ug/g</td><td>3.5</td><td>PASS</td><td></td></loq<>	ug/g	3.5	PASS	
Hexane	Test NMT 290	<loq< td=""><td>TeSug/g</td><td>14.5</td><td>PASS</td><td></td></loq<>	TeSug/g	14.5	PASS	
Nitromethane	NMT 50	<loq< td=""><td>ug/g</td><td>2.5</td><td>PASS</td><td></td></loq<>	ug/g	2.5	PASS	
Chloroform	NMT 60	<loq< td=""><td>ug/g</td><td>3</td><td>PASS</td><td></td></loq<>	ug/g	3	PASS	
1,2-Dimethoxyethane	NMT 100	<loq< td=""><td>ug/g</td><td>5</td><td>PASS</td><td></td></loq<>	ug/g	5	PASS	
Trichloroethene	NMT 80	<loq< td=""><td>ug/g</td><td>4</td><td>PASS</td><td></td></loq<>	ug/g	4	PASS	
Irichloroethene Pyridine 2-Hexanone Totralia	NMT 200	<loq< td=""><td>ug/g</td><td>10</td><td>PASS</td><td>1.</td></loq<>	ug/g	10	PASS	1.
2-Hexanone	NMT 50 Test	<loq< td=""><td>ug/g</td><td>2.5 est</td><td>PASS</td><td></td></loq<>	ug/g	2.5 est	PASS	
Tetralin	NMT 100	<loq< td=""><td>ug/g</td><td>5</td><td>PASS</td><td></td></loq<>	ug/g	5	PASS	

**Method Code: T201 Residual Solvents: Class III (GC-MS)** Tested: 13AUG2024 | 0623

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PARAMETER	SPECIFICATION	RESULT	UNITKI	LOQ	NOTES	
Pentane	NMT 5000	<loq< td=""><td>Tes ug/g</td><td>250</td><td>PASS</td><td>Tes</td></loq<>	Tes ug/g	250	PASS	Tes
Ethanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
Diethyl Ether	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
Acetone	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
Ethyl Formate	NMT 5000	<loq< td=""><td>org ug/g</td><td>250</td><td>PASS</td><td>org</td></loq<>	org ug/g	250	PASS	org
Ethyl Formate Isopropanol	NMT 5000	<loq o<="" td=""><td>ug/g</td><td>250</td><td>PASS</td><td>1.0.0</td></loq>	ug/g	250	PASS	1.0.0
Methyl Acetate	NMT 5000 Test	<loq< td=""><td>ug/g</td><td>250 est/</td><td>PASS</td><td></td></loq<>	ug/g	250 est/	PASS	
Methyl tert-Butyl Ether	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
1-Propanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
2-Butanone	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
Ethyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
2-Butanol	NMT 5000	<loq< td=""><td>ug/g</td><td>10/250</td><td>PASS</td><td></td></loq<>	ug/g	10/250	PASS	
2-Methyl-1-Propanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td>Tes</td></loq<>	ug/g	250	PASS	Tes
Isopropyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td>10</td></loq<>	ug/g	250	PASS	10
Heptane	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
1-Butanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
Propyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td>×0</td></loq<>	ug/g	250	PASS	×0
4-Methyl-2-Pentanone	NMT 5000	<loq< td=""><td>n.018 ug/g</td><td>250</td><td>PASS</td><td>1.018</td></loq<>	n.018 ug/g	250	PASS	1.018
Isoamyl Alcohol	NMT 5000	<loq< td=""><td>ug/g</td><td>250 st</td><td>PASS</td><td></td></loq<>	ug/g	250 st	PASS	
Isobutyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
1-Pentanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
Butyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
Dimethylsulfoxide	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
Anisole	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
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#### Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.658 grams.

### Revision History TestMyKr

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:

John West

Test Position:

TestMyKratom.org

Laboratory Director

TestMyKratom.org

Name:

Tyler West

**Department:** 

Management

Date:

15AUG2024

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