# Certificate of Analysis



TestM

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**Customer Information** 

**Client:** TestMyKratom.org

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

18117 Biscayne Blvd, Suite #4220 Address:

Miami, FL 33160

**Testing Facility** 

Lab: Cora Science, LLC

8000 Anderson Square, STE 113 Austin, Texas 78757 **Address** 

**Contact:** info@corascience.com

(512) 856-5007

Sample Image(s)

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Sample Information

Name: Hydroxie 15mg Shot

**Lot Number:** 2024-07

**Description:** Liquid botanical extract

**Condition:** Good Job ID: ISO02257 **Sample ID:** 105313 **Received:** 12JUL2024 **Completed:** 17JUL2024 **Issued:** 19JUL2024

Test Results ratom.org

**Method Code: T102** Mitragyna Alkaloids (UHPLC-DAD) Tested: 17JUL2024 | 1433

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.507	mg/mL	0.10	N/A
7-Hydroxymitragynine	Report Results	0.090	mg/mL	0.03	N/A
Paynantheine	Report Results	<loq< td=""><td>mg/mL</td><td>0.10</td><td>N/A</td></loq<>	mg/mL	0.10	N/A
Speciogynine	Report Results	<loq< td=""><td>mg/mL</td><td>0.10</td><td>N/A</td></loq<>	mg/mL	0.10	N/A
Speciociliatine	Report Results	<loq< td=""><td>mg/mL</td><td>0.10</td><td>N/A</td></loq<>	mg/mL	0.10	N/A
Total Mitragyna Alkaloids	Report Results	0.597	mg/mL	0.10	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** Tested: 17JUL2024 | 1433

PARAMETER	SPECIFICATION	RESULT	org UNIT	LOQ	NOTES
Mitragynine	Report Results	0.049	w/w%	0.009	N/A
7-Hydroxymitragynine	Report Results	0.009	w/w%	0.003	N/A
Paynantheine	Report Results	<loq< td=""><td>w/w%</td><td>0.009</td><td>N/A</td></loq<>	w/w%	0.009	N/A
Speciogynine	Report Results	<loq< td=""><td>w/w%</td><td>0.009</td><td>N/A</td></loq<>	w/w%	0.009	N/A
Speciociliatine	Report Results	<loq< td=""><td>w/w%</td><td>0.009</td><td>N/A</td></loq<>	w/w%	0.009	N/A
Total Mitragyna Alkaloids	Report Results	0.057	w/w%	0.009	N/A

Residual Solvents: Class I (GC-MS) **Method Code: T201** Tested: 17JUL2024 | 0650

raco	A. Krac	1. 1K CO			
PARAMETER	SPECIFICATION	RESULT	Testunit	LOQ	NOTES
1,1-Dichloroethene	NMT 8	<loq< th=""><th>ug/g</th><th>0.4</th><th>PASS</th></loq<>	ug/g	0.4	PASS
1,1,1-Trichloroethane	NMT 1500	<loq< th=""><th>ug/g</th><th>75</th><th>PASS</th></loq<>	ug/g	75	PASS
Tetrachloromethane	NMT 4	<loq< th=""><th>ug/g</th><th>0.2</th><th>PASS</th></loq<>	ug/g	0.2	PASS
Benzene	NMT 2	<loq< th=""><th>ug/g</th><th>0.1</th><th>PASS</th></loq<>	ug/g	0.1	PASS
1,2-Dichloroethane	NMT 5	<loq< th=""><th>ug/g</th><th>0.25</th><th>PASS</th></loq<>	ug/g	0.25	PASS

Residual Solvents: Class II (GC-MS) Method Code: T201 Tested: 17JUL2024 | 0650

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Methanol	NMT 3000	<loq< td=""><td>ug/g</td><td>94</td><td>PASS</td></loq<>	ug/g	94	PASS
Acetonitrile	NMT 410	<loq< td=""><td>ug/g</td><td>20.5</td><td>PASS</td></loq<>	ug/g	20.5	PASS
Dichloromethane	MMT 600	<loq< td=""><td>ug/g</td><td>30</td><td>PASS</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></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></loq<>	ug/g	93.5	PASS
Tetrahydrofuran	NMT 720	<loq< td=""><td>ug/g</td><td>36</td><td>PASS</td></loq<>	ug/g	36	PASS
Cyclohexane	NMT 3880	<loq< td=""><td>ug/g</td><td>194</td><td>PASS</td></loq<>	ug/g	194	PASS
Methylcyclohexane	NMT 1180	<loq< td=""><td>ug/g</td><td>59</td><td>PASS</td></loq<>	ug/g	59	PASS
1,4-Dioxane	NMT 380	<loq< td=""><td>ug/g</td><td>19</td><td>PASS</td></loq<>	ug/g	19	PASS
Toluene	NMT 890	<loq< td=""><td>ug/g</td><td>44.5</td><td>PASS</td></loq<>	ug/g	44.5	PASS
Chlorobenzene	NMT 360	<loq< td=""><td>ug/g</td><td>18</td><td>PASS</td></loq<>	ug/g	18	PASS
Ethylbenzene	NMT 2170	<loq< td=""><td>ug/g</td><td>108.5</td><td>PASS</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></loq<>	ug/g	108.5	PASS
m-Xylene TeS	NMT 2170	<loq< td=""><td>e5<sup>1</sup>ug/g</td><td>108.5</td><td>PASS TEST</td></loq<>	e5 <sup>1</sup> ug/g	108.5	PASS TEST
Isopropylbenzene	NMT 70	<loq< td=""><td>ug/g</td><td>3.5</td><td>PASS</td></loq<>	ug/g	3.5	PASS
Hexane	NMT 290	<loq< td=""><td>ug/g</td><td>14.5</td><td>PASS</td></loq<>	ug/g	14.5	PASS
Nitromethane	NMT 50	<loq< td=""><td>ug/g</td><td>2.5</td><td>PASS</td></loq<>	ug/g	2.5	PASS
Chloroform	NMT 60	<loq< td=""><td>ug/g</td><td>3</td><td>PASS</td></loq<>	ug/g	3	PASS
1,2-Dimethoxyethane	NMT 100	<loq< td=""><td>ug/g</td><td>5</td><td>PASS</td></loq<>	ug/g	5	PASS
Trichloroethene	MMT 80	<loq< td=""><td>org ug/g</td><td>4</td><td>PASS</td></loq<>	org ug/g	4	PASS
Pyridine	NMT 200	<loq< td=""><td>ug/g</td><td>10</td><td>PASS</td></loq<>	ug/g	10	PASS
Trichloroethene Pyridine 2-Hexanone Totralin	NMT 50	<loq< td=""><td>ug/g</td><td>2.5</td><td>PASS</td></loq<>	ug/g	2.5	PASS
Tetralin	NMT 100	<loq< td=""><td>ug/g</td><td>5</td><td>PASS</td></loq<>	ug/g	5	PASS

Residual Solvents: Class III (GC-MS) Method Code: T201 Tested: 17JUL2024 | 0650

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Pentane	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Ethanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Diethyl Ether	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS Tes</td></loq<>	ug/g	250	PASS Tes
Acetone	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Ethyl Formate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Isopropanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Methyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Methyl tert-Butyl Ether	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
1-Propanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
2-Butanone Ethyl Acetate	NMT 5000	<loq< td=""><td>n.018 ug/g</td><td>250</td><td>PASS</td></loq<>	n.018 ug/g	250	PASS
Ethyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
2-Butanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
2-Methyl-1-Propanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Isopropyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Heptane	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
1-Butanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Propyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
4-Methyl-2-Pentanone	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Isoamyl Alcohol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Isobutyl Acetate	NMT 5000	<loq< td=""><td>Test ug/g</td><td>250</td><td>PASS Tes</td></loq<>	Test ug/g	250	PASS Tes
1-Pentanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Butyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Dimethylsulfoxide	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS
Anisole	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td></loq<>	ug/g	250	PASS

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### Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/mL using a laboratory measured density of 1.043 g/mL.

## 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 Name:

Test Position:

Laboratory Director

**Department:** 

Management

Date:

19JUL2024

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