# Certificate of Analysis



TestMyKratom.org

**Customer Information** 

TestMyKratom.org **Client:** 

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

18117 Biscayne Blvd, Suite #4220 **Address:** 

Miami, FL 33160

**Testing Facility** 

Cora Science, LLC

8000 Anderson Square, STE 113
Austin Toyac 707 Address

Austin, Texas 78757

**Contact:** info@corascience.com

(512) 856-5007

Sample Image(s)

Kratom.org

Kratom.org

Sample Information

Name: Stardust x-OHx-OH sublingual strip

tom.org

2024-09 **Lot Number:** 

Orally disintegrating film **Description:** 

**Condition:** Good Job ID: ISO02489 **Sample ID:** 106041 **Received:** 09SEP2024 **Completed:** 15SEP2024 **Issued:** 17SEP2024

Test Results ratom.org

**Method Code: T102** Tested: 15SEP2024 | 1921 Mitragyna Alkaloids (UHPLC-DAD)

TestMyKratom.org

SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Report Results	<loq< td=""><td>mg/unit</td><td>0.02</td><td>N/A</td></loq<>	mg/unit	0.02	N/A
Report Results	21.9	mg/unit	0.00	N/A
Report Results	<loq< td=""><td>mg/unit</td><td>0.02</td><td>N/A</td></loq<>	mg/unit	0.02	N/A
Report Results	<loq< td=""><td>mg/unit</td><td>0.02</td><td>N/A</td></loq<>	mg/unit	0.02	N/A
Report Results	<loq< td=""><td>mg/unit</td><td>0.02</td><td>N/A</td></loq<>	mg/unit	0.02	N/A
Report Results	21.9	mg/unit	0.02	N/A
	Report Results Report Results Report Results Report Results Report Results	Report Results <loq 21.9="" <loq="" <loq<="" report="" results="" td=""><td>Report Results <loq 21.9="" <loq="" mg="" report="" results="" td="" unit="" unit<=""><td>Report Results <loq 0.00="" 0.02="" 0.02<="" 21.9="" <loq="" mg="" report="" results="" td="" unit=""></loq></td></loq></td></loq>	Report Results <loq 21.9="" <loq="" mg="" report="" results="" td="" unit="" unit<=""><td>Report Results <loq 0.00="" 0.02="" 0.02<="" 21.9="" <loq="" mg="" report="" results="" td="" unit=""></loq></td></loq>	Report Results <loq 0.00="" 0.02="" 0.02<="" 21.9="" <loq="" mg="" report="" results="" td="" unit=""></loq>

Tested: 15SEP2024 | 1921 Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** 

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	<loq< td=""><td>w/w%</td><td>0.013</td><td>N/A</td></loq<>	w/w%	0.013	N/A
7-Hydroxymitragynine	Report Results	16.9 OM	w/w%	0.003	N/A
Paynantheine	Report Results	<loq< td=""><td>w/w%</td><td>0.013 st</td><td>N/A</td></loq<>	w/w%	0.013 st	N/A
Speciogynine	Report Results	<loq< td=""><td>w/w%</td><td>0.013</td><td>N/A</td></loq<>	w/w%	0.013	N/A
Speciociliatine	Report Results	<loq< td=""><td>w/w%</td><td>0.013</td><td>N/A</td></loq<>	w/w%	0.013	N/A
Total Mitragyna Alkaloids	Report Results	16.9	w/w%	0.013	N/A

Tested: 13SEP2024 | 0330 Residual Solvents: Class I (GC-MS) **Method Code: T201** 

PARAMETER	SPECIFICATION	RESULT	UNIT	LOOTS	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>0.1</td><td>PASS</td></loq<>	ug/g	0.1	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

Residual Solvents: Class II (GC-MS) Method Code: T201 Tested: 13SEP2024 | 0330

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>1.0</td></loq<>	ug/g	30	PASS	1.0
1,2-Dichloroethene, (E)	NMT 1870 Tes	<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	NMT 1180	<loq< td=""><td>ug/g</td><td>59</td><td>PASS</td><td></td></loq<>	ug/g	59	PASS	
1,4-Dioxane	NMT 380	<loq< td=""><td>ug/g</td><td>19</td><td>PASS</td><td></td></loq<>	ug/g	19	PASS	
Toluene	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 Tes	NMT 2170	<loq< td=""><td>Tesug/g</td><td>108.5</td><td>PASS</td><td>T</td></loq<>	Tesug/g	108.5	PASS	T
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	,
sopropylbenzene	NMT 70	<loq< td=""><td>ug/g</td><td>3.5</td><td>PASS</td><td></td></loq<>	ug/g	3.5	PASS	
Hexane	NMT 290	<loq< td=""><td>ug/g</td><td>14.5</td><td>PASS</td><td></td></loq<>	ug/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>1.0</td></loq<>	ug/g	10	PASS	1.0
2-Hexanone	NMT 50 Tes	<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	

Residual Solvents: Class III (GC-MS) Method Code: T201 Tested: 13SEP2024 | 0330

PARAMETER	<b>SPECIFICATION</b>	RESULT	UNIT	LOQ	NOTES	
Pentane	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
Ethanol	NMT 5000	>10,000	ug/g	aton250rg	FAIL	
Diethyl Ether	NMT 5000	<loq< td=""><td>ug/g ug/g</td><td>250</td><td>PASS</td><td>T</td></loq<>	ug/g ug/g	250	PASS	T
Acetone	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td>T</td></loq<>	ug/g	250	PASS	T
Ethyl Formate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
Isopropanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
Methyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	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  2-Butanol  2 Mothyl 1 Propagal	NMT 5000	<loq< td=""><td>n.org ug/g</td><td>250</td><td>PASS</td><td>0.0</td></loq<>	n.org ug/g	250	PASS	0.0
2-Butanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
2-Methyl-1-Propanol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
Isopropyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
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></td></loq<>	ug/g	250	PASS	
4-Methyl-2-Pentanone	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	PASS	
Isoamyl Alcohol	NMT 5000	<loq< td=""><td>ug/g</td><td>250</td><td>PASS</td><td></td></loq<>	ug/g	250	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>T</td></loq<>	ug/g	250	PASS	T
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	

TestMyKratom.org

### Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.130 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:

John West Signature:

Tyler West Name:

Test Position:

Laboratory Director

**Department:** Management Date: 17SEP2024

Kratom.org

TestMyKratom.org

TestMyKratom.org

TestMyKratom.org

TestMyKratom.org

TestMyKratom.org

TestMyKratom.org

Kratom.org

TestMyKratom.org

TestMyKratom.org