



# Certificate of Analysis

## Customer Information

**Client:** TestMyKratom.org  
**Attention:** tmk@testmykratom.org  
**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:** TMK 40mg Unflavored 7-OH tablet  
**Lot Number:** 2026-02  
**Description:** Pressed Tablet  
**Condition:** Good  
**Job ID:** ISO06154  
**Sample ID:** I17216  
**Received:** 02FEB2026  
**Completed:** 07FEB2026  
**Issued:** 09FEB2026

## Test Results

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 07FEB2026 | 1019

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	2.46	mg/unit	0.030	N/A
7-Hydroxymitragynine	Report Results	38.2	mg/unit	0.0040	N/A
Mitragynine Pseudoindoxyl	Report Results	0.525	mg/unit	0.030	N/A
Mitraciliatine	Report Results	<LOQ	mg/unit	0.030	N/A
Speciociliatine	Report Results	<LOQ	mg/unit	0.030	N/A
Speciogynine	Report Results	<LOQ	mg/unit	0.030	N/A
Paynantheine	Report Results	<LOQ	mg/unit	0.030	N/A
Coryantheidine	Report Results	0.217	mg/unit	0.030	N/A
Corynoxine	Report Results	<LOQ	mg/unit	0.030	N/A
Isorhynchophylline	Report Results	<LOQ	mg/unit	0.030	N/A
Mitraphylline	Report Results	<LOQ	mg/unit	0.030	N/A
Total Mitragyna Alkaloids	Report Results	41.4	mg/unit	0.030	N/A

### Mitragyna Alkaloids (UHPLC-DAD)

Method Code: T102

Tested: 07FEB2026 | 1019

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.417	w/w%	0.0051	N/A
7-Hydroxymitragynine	Report Results	6.47	w/w%	0.00068	N/A
Mitragynine Pseudoindoxyl	Report Results	0.0889	w/w%	0.0051	N/A
Mitraciliatine	Report Results	<LOQ	w/w%	0.0051	N/A
Speciociliatine	Report Results	<LOQ	w/w%	0.0051	N/A
Speciogynine	Report Results	<LOQ	w/w%	0.0051	N/A
Paynantheine	Report Results	<LOQ	w/w%	0.0051	N/A
Coryantheidine	Report Results	0.0368	w/w%	0.0051	N/A

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Corynoxine	Report Results	<LOQ	w/w%	0.0051	N/A
Isorhynchophylline	Report Results	<LOQ	w/w%	0.0051	N/A
Mitraphylline	Report Results	<LOQ	w/w%	0.0051	N/A
Total Mitragyna Alkaloids	Report Results	7.01	w/w%	0.0051	N/A

**Residual Solvents: Class I (GC-MS)**

Method Code: T201

Tested: 10FEB2026 | 0738

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: 10FEB2026 | 0738

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Methanol	NMT 3000	<LOQ	ug/g	75	PASS
Acetonitrile	NMT 410	<LOQ	ug/g	41	PASS
Dichloromethane	NMT 600	<LOQ	ug/g	15	PASS
1,2-Dichloroethene, (E)	NMT 1870	<LOQ	ug/g	46.75	PASS
1,2-Dichloroethene, (Z)	NMT 1870	<LOQ	ug/g	46.75	PASS
Tetrahydrofuran	NMT 720	417	ug/g	18	PASS
Cyclohexane	NMT 3880	<LOQ	ug/g	97	PASS
Methylcyclohexane	NMT 1180	<LOQ	ug/g	29.5	PASS
1,4-Dioxane	NMT 380	<LOQ	ug/g	38	PASS
Toluene	NMT 890	<LOQ	ug/g	22.25	PASS
Chlorobenzene	NMT 360	<LOQ	ug/g	9	PASS
Ethylbenzene	NMT 2170	<LOQ	ug/g	54.25	PASS
o/p-Xylene	NMT 2170	<LOQ	ug/g	54.25	PASS
m-Xylene	NMT 2170	<LOQ	ug/g	54.25	PASS
Isopropylbenzene	NMT 70	<LOQ	ug/g	1.75	PASS
Hexane	NMT 290	<LOQ	ug/g	7.25	PASS
Nitromethane	NMT 50	<LOQ	ug/g	1.25	PASS
Chloroform	NMT 60	<LOQ	ug/g	1.5	PASS
1,2-Dimethoxyethane	NMT 100	<LOQ	ug/g	2.5	PASS
Trichloroethene	NMT 80	<LOQ	ug/g	2	PASS
Pyridine	NMT 200	<LOQ	ug/g	5	PASS
2-Hexanone	NMT 50	<LOQ	ug/g	5	PASS
Tetralin	NMT 100	<LOQ	ug/g	2.5	PASS
Total Xylenes	NMT 2170	<LOQ	ug/g	54	PASS

**Residual Solvents: Class III (GC-MS)**

Method Code: T201

Tested: 10FEB2026 | 0738

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

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
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	154	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
Anisole	NMT 5000	<LOQ	ug/g	125	PASS
Dimethylsulfoxide	NMT 5000	<LOQ	ug/g	125	PASS

**Elemental Impurities (ICP-MS)**

Method Code: T301

Tested: 03FEB2026 | 1201

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.50	<LOQ	ug/g	0.006	PASS
Cadmium	NMT 0.50	<LOQ	ug/g	0.002	PASS
Mercury	NMT 0.20	<LOQ	ug/g	0.002	PASS
Lead	NMT 0.50	0.007	ug/g	0.002	PASS

**Additional Report Notes**

T102E result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.590 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:**

09FEB2026