Certificate of Analysis

Customer Information

Client: TestMyKratom.org
Attention: tmk@testmykratom.org
Address: 1450 Sutter St., PMB 520
San Francisco, CA 94109

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: Opia 150mg Blue Raspberry MIT tablet
Lot Number: 2026-03
Description: Pressed tablet
Condition: Good
Job ID: ISO06537
Sample ID: I18246
Received: 12MAR2026
Completed: 18MAR2026
Issued: 20MAR2026

Test Results

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 16MAR2026 | 1501**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	54.0	mg/unit	0.039	N/A
7-Hydroxymitragynine	Report Results	6.91	mg/unit	0.0052	N/A
Mitragynine Pseudoindoxyl	Report Results	1.64	mg/unit	0.039	N/A
Mitraciliatine	Report Results	<LOQ	mg/unit	0.039	N/A
Speciociliatine	Report Results	0.0743	mg/unit	0.039	N/A
Speciogynine	Report Results	0.433	mg/unit	0.039	N/A
Paynantheine	Report Results	0.914	mg/unit	0.039	N/A
Coryantheidine	Report Results	0.754	mg/unit	0.039	N/A
Corynoxine	Report Results	<LOQ	mg/unit	0.039	N/A
Isorhynchophylline	Report Results	<LOQ	mg/unit	0.039	N/A
Mitraphylline	Report Results	<LOQ	mg/unit	0.039	N/A
Total Mitragyna Alkaloids	Report Results	64.7	mg/unit	0.039	N/A

Mitragyna Alkaloids (UHPLC-DAD) **Method Code: T102** **Tested: 16MAR2026 | 1501**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	7.78	w/w%	0.0056	N/A
7-Hydroxymitragynine	Report Results	0.996	w/w%	0.00074	N/A
Mitragynine Pseudoindoxyl	Report Results	0.236	w/w%	0.0056	N/A
Mitraciliatine	Report Results	<LOQ	w/w%	0.0056	N/A
Speciociliatine	Report Results	0.0107	w/w%	0.0056	N/A
Speciogynine	Report Results	0.0624	w/w%	0.0056	N/A
Paynantheine	Report Results	0.132	w/w%	0.0056	N/A
Coryantheidine	Report Results	0.109	w/w%	0.0056	N/A

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Corynoxine	Report Results	<LOQ	w/w%	0.0056	N/A
Isorhynchophylline	Report Results	<LOQ	w/w%	0.0056	N/A
Mitraphylline	Report Results	<LOQ	w/w%	0.0056	N/A
Total Mitragyna Alkaloids	Report Results	9.32	w/w%	0.0056	N/A

Assay (w/w%) [UHPLC-DAD] **Method Code: T100** **Tested: 16MAR2026 | 0931**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Dihydro-7-hydroxymitragynine	Report Results	<LOQ	mg/unit	0.041	N/A

Assay (w/w%) [UHPLC-DAD] **Method Code: T100** **Tested: 16MAR2026 | 0931**

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Dihydro-7-hydroxymitragynine	Report Results	<LOQ	w/w%	0.0059	N/A

Residual Solvents: Class I (GC-MS) **Method Code: T201** **Tested: 18MAR2026 | 0849**

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: 18MAR2026 | 0849**

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	<LOQ	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

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
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: 18MAR2026 | 0849**

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
Anisole	NMT 5000	<LOQ	ug/g	125	PASS
Dimethylsulfoxide	NMT 5000	<LOQ	ug/g	125	PASS

Additional Report Notes

T102E result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.694 grams.

Revision History

Report ID: bef73128-0b40-4fc0-b8c4-07c0b88f4de2
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:		**Position:**	Laboratory Director
Name:	Tyler West	**Department:**	Management
		Date:	20MAR2026