

Certificate of Analysis

Sample Name: Part # X30036 - MIT45 Super K Extra Strong (30 mL) 12 Pack
Client: MIT45
Sample Code: DTS-260316-041
Matrix Name: Tincture - Oil Based
Type / Result: Quality Assurance - Fail



Received Date: Wed, Mar 18, 2026
Published Date: Mon, Mar 23, 2026
Batch/Lot Code: 00-2738
Batch Size: 9U
Sample Size: 9U
Average Unit Weight: 34.53g (Density (g/mL) * 30mL package. 15 servings/package.)

RESULT SUMMARY

Mitragynine	32.36 mg /serv
Total Major Alkaloids	40.67 mg /serv

ALKU
Kratom Alkaloids
High Level

ALKL
Kratom Alkaloids
Low Level

PGUSP
Pesticides
USP <561>m

PLUSP
Pesticides
USP <561>m

DEN
Density of Liquids

AWA
Water Activity

HVMET
Heavy Metals
Big 4

FTIRR
Identification by FTIR
Report

SOLHM
Residual Solvents
National Panel

7OHFL
7-Hydroxymitragynine
Florida

Approvals

RESULTS REVIEWED BY:

Leslie Nagy
Laboratory Director

Cambium Analytica
Monday, Mar 23, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Monday, Mar 23, 2026

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Lab Information

Address: 1230 Woodmere Ave, Traverse City, MI 49686
Phone: 231.252.3669
Accreditation: ISO/IEC 17025:2017 – #108157



ALKU Kratom Alkaloids - High Level LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD ALKU-DTS-260316-041-02 - MON, MAR 23, 2026								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	1.4059 %	14.0593 mg/g	32.36 mg	485.47 mg	20 - 30 mg/serv	0.0005 mg/g	0.001 mg/g	OUT OF SPEC
Paynantheine	0.1784 %	1.7839 mg/g	4.11 mg	61.60 mg	7.9 %	0.0005 mg/g	0.001 mg/g	WITHIN SPEC
Speciogynine	0.1099 %	1.0991 mg/g	2.53 mg	37.95 mg	3.9 %	0.0005 mg/g	0.001 mg/g	WITHIN SPEC
Speciociliatine	0.0723 %	0.7228 mg/g	1.66 mg	24.96 mg	6.5 %	0.0005 mg/g	0.001 mg/g	WITHIN SPEC
Total Major Alkaloids*	1.7665 %	17.6651 mg/g	40.67 mg	609.98 mg	N/A	N/A	N/A	N/A

*Total Major Alkaloids is calculated as the sum of Mitragynine, Paynantheine, Speciociliatine and Speciogynine.

ALKL Kratom Alkaloids - Low Level LAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ ALKL-DTS-260316-041-01 - FRI, MAR 20, 2026								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitraphylline	0.00023 %	0.00229 mg/g	0.01 mg	0.08 mg	N/A	0.004 ug/g	0.019 ug/g	N/A
7-Hydroxymitragynine	0.00021 %	0.00215 mg/g	0.00 mg	0.07 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Total Minor Alkaloids*	0.00044 %	0.00444 mg/g	0.01 mg	0.15 mg	N/A	N/A	N/A	N/A

*Total Minor Alkaloids is calculated as the sum of 7-Hydroxymitragynine and Mitraphylline.





Analyte	Value	Action Limit	LOD	LOQ	Status
Aldrin	ND	N/A	0.002 ug/g	0.006 ug/g	N / A
alpha-Endosulfan	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
alpha-Hexachlorocyclohexane	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
beta-Endosulfan	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
beta-Hexachlorocyclohexane	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Bromophos-ethyl	ND	0.05 ug/g	0.002 ug/g	0.005 ug/g	PASS
Bromophos-methyl	ND	0.05 ug/g	0.002 ug/g	0.005 ug/g	PASS
Bromopropylate	ND	3 ug/g	0.002 ug/g	0.005 ug/g	PASS
Chlorpyrifos-methyl	ND	0.1 ug/g	0.002 ug/g	0.005 ug/g	PASS
Chlorthal-dimethyl	ND	0.01 ug/g	0.002 ug/g	0.005 ug/g	PASS
cis-Chlordane	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
cis-Heptachlorepoide	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
delta-Hexachlorocyclohexane	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Dicofol	ND	0.5 ug/g	0.002 ug/g	0.005 ug/g	PASS
Dieldrin	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Endosulfan Sulfate	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Endrin	ND	0.05 ug/g	0.002 ug/g	0.007 ug/g	PASS
epsilon-Hexachlorocyclohexane	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Fenchlorophos	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Fenchlorophos-oxon	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Fenitrothion	ND	0.5 ug/g	0.002 ug/g	0.005 ug/g	PASS
Fenvalerate	ND	1.5 ug/g	0.002 ug/g	0.005 ug/g	PASS
Heptachlor	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Hexachlorobenzene	ND	0.1 ug/g	0.002 ug/g	0.005 ug/g	PASS
Lindane (gamma-Hexachlorocyclohexane)	ND	0.6 ug/g	0.002 ug/g	0.005 ug/g	PASS
Methacriphos	ND	0.05 ug/g	0.004 ug/g	0.012 ug/g	PASS
Methoxychlor	ND	0.05 ug/g	0.004 ug/g	0.013 ug/g	PASS
Methylpentachlorophenyl Sulfide	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Mirex	ND	0.01 ug/g	0.002 ug/g	0.005 ug/g	PASS
o,p'-DDE	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
o,p'-DDT	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
o,p'-TDE	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Oxychlordane	ND	N/A	0.005 ug/g	0.01 ug/g	N / A
p,p'-DDE	ND	N/A	0.002 ug/g	0.005 ug/g	N / A

*Total Chlordanes is calculated as the sum of cis-Chlordane, trans-Chlordane, and Oxychlordane.

*Total DDTs is calculated as the sum of o,p'-DDE, p,p'-DDE, o,p'-DDT, p,p'-DDT, o,p'-TDE, and p,p'-TDE.

*Total Endosulfans is calculated as the sum of alpha-Endosulfan, beta-Endosulfan, and Endosulfan Sulfate.

*Total Fenchlorophos is calculated as the sum of Fenchlorophos and Fenchlorophos-oxon.

*Total Heptachlors is calculated as the sum of Heptachlor, cis-Heptachlorepoide, and trans-Heptachlorepoide.

*Total Hexachlorocyclohexanes is calculated as the sum of alpha-Hexachlorocyclohexane, beta-Hexachlorocyclohexane, and epsilon-Hexachlorocyclohexane.

*Total Quintozenes is calculated as the sum of Pentachloronitrobenzene (Quintozene), Pentachloroaniline, and Methylpentachlorophenyl Sulfide.

Modified test method does not include the following analytes: Bromide, inorganic (calculated as bromide ion), Dichlofluanid, Dithiocarbamates (as CS2), N-desethyl-pirimiphos-methyl



Analyte	Value	Action Limit	LOD	LOQ	Status
p,p'-DDT	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
p,p'-TDE	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Paraoxon-ethyl	ND	N/A	0.005 ug/g	0.01 ug/g	N / A
Paraoxon-methyl	ND	N/A	0.005 ug/g	0.01 ug/g	N / A
Parathion-ethyl	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Parathion-methyl	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Pentachloroaniline	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Pentachloroanisole	ND	0.01 ug/g	0.002 ug/g	0.005 ug/g	PASS
Pentachloronitrobenzene (Quintozene)	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
Procymidone	ND	0.1 ug/g	0.002 ug/g	0.005 ug/g	PASS
S-421	ND	0.02 ug/g	0.002 ug/g	0.005 ug/g	PASS
tau-Fluvalinate	ND	0.05 ug/g	0.002 ug/g	0.005 ug/g	PASS
Tecnazene	ND	0.05 ug/g	0.002 ug/g	0.005 ug/g	PASS
Tetradifon	ND	0.3 ug/g	0.002 ug/g	0.005 ug/g	PASS
trans-Chlordane	ND	N/A	0.002 ug/g	0.005 ug/g	N / A
trans-Heptachlorepoide	ND	N/A	0.004 ug/g	0.012 ug/g	N / A
Vinclozolin	ND	0.4 ug/g	0.002 ug/g	0.005 ug/g	PASS
Aldrin + Dieldrin	0.000 ug/g	0.05 ug/g	N/A	N/A	PASS
Parathion-ethyl + Paraoxon-ethyl	0.000 ug/g	0.5 ug/g	N/A	N/A	PASS
Parathion-methyl + Paraoxon-methyl	0.000 ug/g	0.2 ug/g	N/A	N/A	PASS
Total Chlordanes - USP*	0.000 ug/g	0.05 ug/g	N/A	N/A	PASS
Total DDTs*	0.000 ug/g	1 ug/g	N/A	N/A	PASS
Total Endosulfans*	0.000 ug/g	3 ug/g	N/A	N/A	PASS
Total Fenchlorophos*	0.000 ug/g	0.1 ug/g	N/A	N/A	PASS
Total Heptachlors*	0.000 ug/g	0.05 ug/g	N/A	N/A	PASS
Total Hexachlorocyclohexanes*	0.000 ug/g	0.3 ug/g	N/A	N/A	PASS
Total Quintozenes*	0.000 ug/g	1 ug/g	N/A	N/A	PASS

*Total Chlordanes is calculated as the sum of cis-Chlordane, trans-Chlordane, and Oxychlordane.

*Total DDTs is calculated as the sum of o,p'-DDE, p,p'-DDE, o,p'-DDT, p,p'-DDT, o,p'-TDE, and p,p'-TDE.

*Total Endosulfans is calculated as the sum of alpha-Endosulfan, beta-Endosulfan, and Endosulfan Sulfate.

*Total Fenchlorophos is calculated as the sum of Fenchlorophos and Fenchlorophos-oxon.

*Total Heptachlors is calculated as the sum of Heptachlor, cis-Heptachlorepoide, and trans-Heptachlorepoide.

*Total Hexachlorocyclohexanes is calculated as the sum of alpha-Hexachlorocyclohexane, beta-Hexachlorocyclohexane, delta-Hexachlorocyclohexane, and epsilon-Hexachlorocyclohexane.

*Total Quintozenes is calculated as the sum of Pentachloronitrobenzene (Quintozene), Pentachloroaniline, and Methylpentachlorophenyl Sulfide.

Modified test method does not include the following analytes: Bromide, inorganic (calculated as bromide ion), Dichlofluanid, Dithiocarbamates (as CS2), N-desethyl-pirimiphos-methyl





Analyte	Value	Action Limit	LOD	LOQ	Status
Acephate	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Alachlor	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Azinphos-ethyl	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Azinphos-methyl	ND	1 ug/g	12.5 ng/g	25 ng/g	PASS
Chlorfenvinphos	ND	0.5 ug/g	12.5 ng/g	25 ng/g	PASS
Chlorpyrifos-ethyl	ND	0.2 ug/g	12.5 ng/g	25 ng/g	PASS
Cyfluthrin	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Cypermethrin	0.260 ug/g	1 ug/g	12.5 ng/g	25 ng/g	PASS
Deltamethrin	ND	0.5 ug/g	12.5 ng/g	25 ng/g	PASS
Diazinon	ND	0.5 ug/g	12.5 ng/g	25 ng/g	PASS
Dichlorvos	ND	1 ug/g	12.5 ng/g	25 ng/g	PASS
Dimethoate	ND	N/A	12.5 ng/g	25 ng/g	N/A
Ethion	ND	2 ug/g	12.5 ng/g	25 ng/g	PASS
Etrimphos	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Fenpropathrin	ND	0.03 ug/g	12.5 ng/g	25 ng/g	PASS
Fensulfothion	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fensulfothion Oxon	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fensulfothion Oxonsulfone	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fensulfothion Sulfone	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fenthion	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fenthion Oxon	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fenthion Oxon Sulfone	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fenthion Oxon Sulfoxide	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fenthion Sulfone	ND	N/A	12.5 ng/g	25 ng/g	N/A
Fenthion Sulfoxide	ND	N/A	12.5 ng/g	25 ng/g	N/A
Flucythrinate	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Fonophos	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Iambda-Cyhalothrin	0.037 ug/g	1 ug/g	12.5 ng/g	25 ng/g	PASS
Malaoxon	ND	N/A	12.5 ng/g	25 ng/g	N/A
Malathion	ND	N/A	12.5 ng/g	25 ng/g	N/A
Mecarbam	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Methamidophos	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Methidathion	ND	0.2 ug/g	12.5 ng/g	25 ng/g	PASS
Monocrotophos	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Omethoate	ND	N/A	12.5 ng/g	25 ng/g	N/A

*Total Fensulfothions is calculated as the sum of Fensulfothion, Fensulfothion Oxon, Fensulfothion Oxonsulfone, and Fensulfothion Sulfone.

*Total Fenthions is calculated as the sum of Fenthion, Fenthion Oxon, Fenthion Oxon Sulfone, Fenthion Oxon Sulfoxide, Fenthion Sulfone, and Fenthion Sulfoxide.

*Total Pyrethrins is calculated as the sum of Cinerin I, Cinerin II, Jasmolin I, Jasmolin II, Pyrethrin I, and Pyrethrin II.

Modified test method does not include the following analytes: Bromide, inorganic (calculated as bromide ion), Dichlofluanid, Dithiocarbamates (as CS2), N-desethyl-pirimiphos-methyl



Analyte	Value	Action Limit	LOD	LOQ	Status
Pendimethalin	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Permethrins (Sum of cis-Permethrin and trans-Permethrin)	ND	1 ug/g	12.5 ng/g	25 ng/g	PASS
Phosalone	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Phosmet	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Piperonyl Butoxide	ND	3 ug/g	12.5 ng/g	25 ng/g	PASS
Pirimiphos-ethyl	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Pirimiphos-methyl	ND	4 ug/g	12.5 ng/g	25 ng/g	PASS
Profenophos	ND	0.1 ug/g	12.5 ng/g	25 ng/g	PASS
Prothiophos	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Pyrethrins Cinerin I	ND	N/A	3.75 ng/g	7.5 ng/g	N/A
Pyrethrins Cinerin II	ND	N/A	2.5 ng/g	5 ng/g	N/A
Pyrethrins Jasmolin I	ND	N/A	0.5 ng/g	2.5 ng/g	N/A
Pyrethrins Jasmolin II	ND	N/A	1.25 ng/g	2.5 ng/g	N/A
Pyrethrins Pyrethrin I	ND	N/A	6.75 ng/g	33.75 ng/g	N/A
Pyrethrins Pyrethrin II	ND	N/A	3.25 ng/g	16.25 ng/g	N/A
Quinalphos	ND	0.05 ug/g	12.5 ng/g	25 ng/g	PASS
Dimethoate + Omethoate	0.000 ug/g	0.1 ug/g	N/A	N/A	PASS
Malathion + Malaoxon	0.000 ug/g	1 ug/g	N/A	N/A	PASS
Total Fensulfothions*	0.000 ug/g	0.05 ug/g	N/A	N/A	PASS
Total Fenthions*	0.000 ug/g	0.05 ug/g	N/A	N/A	PASS
Total Pyrethrins*	0.000 ug/g	3 ug/g	N/A	N/A	PASS

*Total Fensulfothions is calculated as the sum of Fensulfothion, Fensulfothion Oxon, Fensulfothion Oxonsulfone, and Fensulfothion Sulfone.

*Total Fenthions is calculated as the sum of Fenthion, Fenthion Oxon, Fenthion Oxon Sulfone, Fenthion Oxon Sulfoxide, Fenthion Sulfone, and Fenthion Sulfoxide.

*Total Pyrethrins is calculated as the sum of Cinerin I, Cinerin II, Jasmolin I, Jasmolin II, Pyrethrin I, and Pyrethrin II.

Modified test method does not include the following analytes: Bromide, inorganic (calculated as bromide ion), Dichlofluanid, Dithiocarbamates (as CS2), N-desethyl-pirimiphos-methyl



DEN

Density of Liquids
LAB-TM-017 - Brix & Density Analysis
DEN-DTS-260316-041-01 - FRI, MAR 20, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.1510 g/mL	1.13 - 1.17 g/mL	N/A	N/A	WITHIN SPEC
Specific Gravity*	1.1531	N/A	N/A	N/A	N/A

*Specific gravity is calculated using the density of water at 20 °C (0.9982 g/mL) using the equation: [Specific Gravity = (Density of sample in g/mL) ÷ 0.9982 g/mL]

AWA

Water Activity
LAB-TM-009 - Determination of Water Activity
AWA-DTS-260316-041-01 - FRI, MAR 20, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Water Activity	0.765 aw	0.84 aw	N/A	N/A	WITHIN SPEC

USP <922>

HVMET

Heavy Metals - Big 4
LAB-TM-044 - Determination of Heavy Metals by ICP-MS
HVMET-DTS-260316-041-01 - FRI, MAR 20, 2026



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	ND	N/A	N/A	N/A	1 ug/g	18.936 ug/kg	95.639 ug/kg	PASS
Cadmium	ND	N/A	N/A	N/A	1 ug/g	4.017 ug/kg	23.910 ug/kg	PASS
Lead	<LOQ	N/A	N/A	N/A	3 ug/g	3.060 ug/kg	23.910 ug/kg	PASS
Mercury	<LOQ	N/A	N/A	N/A	1 ug/g	1.148 ug/kg	2.391 ug/kg	PASS

USP <233>, USP <730>, USP <1730>

FTIRR

Identification by FTIR - Report
ANA-TM-113 - Identification by FTIR
FTIRR-DTS-260316-041-01 - THU, MAR 19, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Quality Index Score	99.8 %	95 - 100 %	N/A	N/A	PASS

USP <197>, USP <854>, USP <1854>
MIT45 Super K Extra Strong 30mL (12 Pack) (Part #30036)



Analyte	Value	Action Limit	LOD	LOQ	Status
1,1-Dichloroethene	ND	N/A	5 ug/g	10 ug/g	N / A
1,2-Dichloroethane	ND	5 ug/g	0.5 ug/g	1.00 ug/g	PASS
2-Methylbutane	ND	N/A	5 ug/g	10 ug/g	N / A
2-Methylpentane	ND	N/A	5 ug/g	10 ug/g	N / A
2,2-Dimethylbutane	ND	N/A	5 ug/g	10 ug/g	N / A
2,3-Dimethylbutane	ND	N/A	5 ug/g	10 ug/g	N / A
3-Methylpentane	ND	N/A	5 ug/g	10 ug/g	N / A
Acetone	ND	5000 ug/g	5 ug/g	10 ug/g	PASS
Acetonitrile	ND	410 ug/g	5 ug/g	10 ug/g	PASS
Benzene	ND	2 ug/g	0.18 ug/g	0.50 ug/g	PASS
Butane	ND	N/A	5 ug/g	10 ug/g	N / A
Chloroform	ND	60 ug/g	0.78 ug/g	1 ug/g	PASS
Ethanol	ND	5000 ug/g	5 ug/g	10 ug/g	PASS
Ethyl Acetate	ND	5000 ug/g	5 ug/g	10 ug/g	PASS
Ethyl Ether	ND	5000 ug/g	5 ug/g	10 ug/g	PASS
Ethylene Oxide	ND	N/A	2 ug/g	4 ug/g	N / A
Heptane	ND	5000 ug/g	5 ug/g	10 ug/g	PASS
Hexane	ND	290 ug/g	5 ug/g	10 ug/g	PASS
Isobutane	ND	N/A	5 ug/g	10 ug/g	N / A
Isopropyl Alcohol	ND	N/A	5 ug/g	10 ug/g	N / A
Methanol	<LOQ	3000 ug/g	5 ug/g	10 ug/g	PASS
Methylene Chloride	ND	600 ug/g	5 ug/g	10 ug/g	PASS
Neopentane	ND	N/A	5 ug/g	10 ug/g	N / A
Pentane	ND	5000 ug/g	5 ug/g	10 ug/g	PASS
Propane	ND	N/A	5 ug/g	10 ug/g	N / A
Toluene	ND	890 ug/g	5 ug/g	10 ug/g	PASS
Total Xylenes	ND	2170 ug/g	5 ug/g	10 ug/g	PASS
Trichloroethylene	ND	80 ug/g	0.5 ug/g	1 ug/g	PASS
Total Butanes*	0.000 ug/g	N/A	N/A	N/A	N / A
Total Hexanes*	0.000 ug/g	290 ug/g	N/A	N/A	PASS
Total Pentanes*	0.000 ug/g	5000 ug/g	N/A	N/A	PASS

*Total Butanes is calculated as the sum of Butane and Isobutane

*Total Hexanes is calculated as the sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane.

*Total Pentanes is calculated as the sum of Pentane, 2-Methylbutane, and Neopentane.

Modified USP <467>



7OHFL

7-Hydroxymitragynine - Florida - Dry-Weight Basis

7-Hydroxymitragynine - (Florida — Dry-Weight Basis)

7OHFL-DTS-260316-041-01 - FRI, MAR 20, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine - As Received*	2.30 ppm	N/A	N/A	N/A	N / A
7-Hydroxymitragynine - Dry-Weight*	3.97 ppm	400 ppm	N/A	N/A	PASS
Moisture (%) by Input*	42.00 %	N/A	N/A	N/A	N / A

*7-Hydroxymitragynine – As Received: The “As Received” value represents the concentration of 7-hydroxymitragynine, expressed in parts per million (ppm), as reported in the Kratom Alkaloids – Low Level test. This corresponds to the measured percentage of 7-hydroxymitragynine in the sample as received.

*7-Hydroxymitragynine (Dry-Weight Basis): The dry weight concentration of 7-hydroxymitragynine is calculated using the following formula: Dry Weight 7-Hydroxymitragynine (ppm) = 7-Hydroxymitragynine (ppm) x (100 / (100 – Moisture by Input (%)))

*The Moisture (%) by Input result may represent either a client-provided input or a value measured by Cambium. This value is incorporated into associated calculated analytes for reporting purposes.

