

Sample M/150/004



Received Dec 08, 2025	Reported Dec 12, 2025
Analyses executed RES, KTM	Unit Mass (g) 4.835
	Num. of Servings 5
	Serving Size (g) 0.97

KTM - Kratom

Analyzed Dec 08, 2025 | Instrument HPLC VWD | Method SOP-KTM
The expanded Uncertainty of the Kratom analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD ppm	LOQ ppm	Result %	Result mg/g	Result mg/Serving	Result mg/Unit
7-hydroxy Mitragynine (7HMG)	0.008	0.025	ND	ND	ND	ND
MGM-15 (MGM)	0.186	0.562	ND	ND	ND	ND
Mitragynine (MITG)	0.018	0.054	14.90	149.01	144.54	720.46
Speciogynine (SPEG)	0.007	0.02	ND	ND	ND	ND
Speciocillatine (SPCL)	0.004	0.011	0.33	3.34	3.24	16.15

RES - Residual Solvents

Analyzed Dec 12, 2025 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Propane (Prop)	0.044	0.4	ND	5000	Butane (But)	0.02	0.4	ND	5000
Methanol (Metha)	1.176	3.92	501.9	3000	Ethylene Oxide (EthOx)	0.08	0.4	ND	1
Pentane (Pen)	0.024	0.4	ND	5000	Ethanol (Ethan)	0.048	0.4	82.6	5000
Ethyl Ether (EthEt)	0.036	0.4	49.9	5000	Acetone (Acet)	0.044	0.4	395.5	5000
Isopropanol (2-Pro)	1.16	3.868	<LOQ	5000	Acetonitrile (Acetonit)	0.888	2.952	<LOQ	410
Methylene Chloride (MetCh)	0.04	0.4	2.6	1	Hexane (Hex)	0.012	0.4	ND	290
Ethyl Acetate (EthAc)	0.032	0.4	ND	5000	Chloroform (Clo)	0.028	0.4	ND	1
Benzene (Ben)	0.012	0.4	ND	1	1-2-Dichloroethane (12-Dich)	0.024	0.4	ND	1
Heptane (Hep)	0.012	0.4	ND	5000	Trichloroethylene (TriClIEth)	0.072	0.4	ND	1
Toluene	0.036	0.4	ND	890	Xylenes (Xyl)	0.012	0.4	ND	2170

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



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ISO/IEC 17025:2017 Acc. 85368

Authorized Signature

Brandon Starr

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Fri, 12 Dec 2025 12:46:43 -0800

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