



Sampled - Received Oct 17, 2024 Reported Oct 22, 2024
 Analyses executed HME, KTM

KTM - Kratom Analysis

Analyzed Oct 22, 2024 | Instrument HPLC VWD | Method SOP-KTM
 The expanded Uncertainty of the analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD ppm	LOQ ppm	Result %	Result mg/g
7-hydroxy Mitragynine (7HMG)	0.008	0.025	ND	ND
Mitragynine (MITG)	0.018	0.054	0.68	6.79
Speciogynine (SPEG)	0.007	0.02	ND	ND
Specioclatinate (SPCL)	0.004	0.011	0.24	2.44
Mitragynine Pseudoindoxyl (MITp)	0.235	0.713	NT	NT

HME - Heavy Metals Analysis

Analyzed Oct 22, 2024 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	0.35	1.5
Cadmium (Cd)	0.0005	0.0015	0.03	0.5
Mercury (Hg)	0.0058	0.0174	0.01	3
Lead (Pb)	0.0006	0.0018	0.49	0.5
Nickel (Ni)	6.0e-05	0.0002	NT	

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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Authorized Signature

Brandon Starr

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 Tue, 22 Oct 2024 13:22:31 -0700

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