

Certificate of Analysis

Tropical Melon

Client: Alternative Ventures



Analysis Summary	Percent (%)	mg/serving
Mitragynine	15.98	112.76
7-OH Mitragynine	ND	ND
Paynantheine	1.47	10.40
Speciogynine	1.07	7.58
Speciociliatine	0.23	1.60
Corynantheidine	0.17	1.21
Mitraphylline	ND	ND
9-O-desmethyl Mitragynine	ND	ND
Corynoxine B	ND	ND
Ajmalicine	ND	ND
Isomitraphylline	ND	ND
Mitraciliatine	ND	ND
Mitragynine pseudoindoxyl	ND	ND
MGM-15 (CAS No. 1158901-38-2)	ND	ND
Total Quantified Alkaloids	18.93	133.53

Sample Name:
Tropical Melon

Matrix:
Other

Unit Mass:
0.7054 g per unit

Sample ID:
76260728-2E

Date Received:
7/28/26

Tropical Melon

Marie True, M.S.
Laboratory Manager

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References: limit of quantitation (LOQ), not detected (ND), not tested (NT)

Certificate of Analysis

Kratom Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Percent (%)	mg/serving	
Mitragynine	0.016	0.049	15.985	112.76	
7-OH Mitragynine	0.019	0.058	ND	ND	
Paynantheine	0.022	0.066	1.474	10.40	
Speciogynine	0.019	0.056	1.075	7.58	
Speciociliatine	0.018	0.054	0.226	1.60	
Corynantheidine	0.024	0.073	0.171	1.21	
Mitraphylline	0.017	0.052	ND	ND	
9-O-desmethyl Mitragynine	0.017	0.050	ND	ND	
Corynoxine B	0.022	0.066	ND	ND	
Ajmalicine	0.024	0.071	ND	ND	
Isomitraphylline	0.019	0.057	ND	ND	
Mitraciliatine	0.020	0.060	ND	ND	
Mitragynine pseudoindoxyl	0.033	0.098	ND	ND	
MGM-15	0.011	0.03	ND	ND	
Total Quantified Alkaloids			18.930	133.53	

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.