

Certificate of Analysis

Tropical Melon

Client: Alternative Ventures



Analysis Summary

	Percent (%)	mg/serving
Mitragynine	10.27	158.22
7-OH Mitragynine	ND	ND
Paynantheine	1.35	20.80
Speciogynine	0.89	13.76
Speciociliatine	0.11	1.68
Corynantheidine	ND	ND
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	12.62	194.46

Sample Name:

Tropical Melon

Matrix:

Other

Unit Mass:

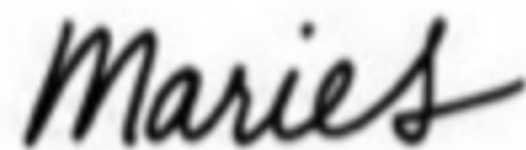
1.5405 g per unit

Sample ID:

76260811-3

Date Received:

8/11/26


Approved By:

Marie True, M.S.

Laboratory Manager

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

FESA Labs

2002 South Grand Avenue Suite A

Santa Ana, CA 92705

(657) 317-7716

www.fesalabs.com

Certificate of Analysis

Kratom Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Percent (%)	mg/serving	
Mitragynine	0.016	0.049	10.271	158.22	
7-OH Mitragynine	0.019	0.058	ND	ND	
Paynantheine	0.022	0.066	1.350	20.80	
Speciogynine	0.019	0.056	0.893	13.76	
Speciociliatine	0.018	0.054	0.109	1.68	
Corynantheidine	0.024	0.073	ND	ND	
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			12.623	194.46	

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.