

Certificate of Analysis

CAKE - KTM - CHERRY

Client: Cake

Analysis Summary

	mg/serving
Mitragynine	7.807
7-OH Mitragynine	241.912
Paynantheine	ND
Speciogynine	0.831
Speciociliatine	0.626
Corynantheidine	2.974
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	1.719
Mitragynine pseudoindoxyl	2.15
MGM-15 (CAS No. 1158901-38-2)	ND
Total Quantified Alkaloids	258.02

Sample Name:

CAKE - KTM - CHERRY

Matrix:

Other

Serving Mass:

0.9781 g per serving

Sample ID:

86860505-1E

Date Received:

5/5/26



Approved By:

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 (%)	Mass (%)	Mass (mg/g)	Mass (mg/serving)
Mitragynine	0.016	0.049	0.7982	7.982	7.81
7-OH Mitragynine	0.019	0.058	24.7328	247.328	241.91
Paynantheine	0.022	0.066	ND	ND	ND
Speciogynine	0.019	0.056	0.0850	0.850	0.83
Speciociliatine	0.018	0.054	0.0640	0.640	0.63
Corynantheidine	0.024	0.073	0.3040	3.040	2.97
Mitraphylline	0.017	0.052	ND	ND	ND
9-O-desmethyl Mitragynine	0.017	0.050	ND	ND	ND
Corynoxine B	0.022	0.066	ND	ND	ND
Ajmalicine	0.024	0.071	ND	ND	ND
Isomitraphylline	0.019	0.057	ND	ND	ND
Mitraciliatine	0.020	0.060	0.1758	1.758	1.72
Mitragynine pseudoindoxyl	0.033	0.098	0.220	2.20	2.15
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	ND	ND	ND
Total Quantified Alkaloids			26.3800	263.800	258.02

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.