

Certificate of Analysis

CAKE - KTM - WATERMELON

Client: Cake

Analysis Summary

	mg/serving
Mitragynine	7.777
7-OH Mitragynine	237.897
Paynantheine	ND
Speciogynine	0.883
Speciociliatine	0.636
Corynantheidine	2.912
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	1.676
Mitragynine pseudoindoxyl	2.59
MGM-15 (CAS No. 1158901-38-2)	ND
Total Quantified Alkaloids	254.38

Sample Name:

CAKE - KTM - WATERMELON

Matrix:

Other

Serving Mass:

0.9832 g per serving

Sample ID:

86860505-5E

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)

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Kratom Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)	Mass (mg/serving)
Mitragynine	0.016	0.049	0.7910	7.910	7.78
7-OH Mitragynine	0.019	0.058	24.1962	241.962	237.90
Paynantheine	0.022	0.066	ND	ND	ND
Speciogynine	0.019	0.056	0.0898	0.898	0.88
Speciociliatine	0.018	0.054	0.0647	0.647	0.64
Corynantheidine	0.024	0.073	0.2962	2.962	2.91
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	0.1704	1.704	1.68
Mitragynine pseudoindoxyl	0.033	0.098	0.264	2.64	2.59
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	ND	ND	ND
Total Quantified Alkaloids			25.8722	258.722	254.38

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.