

Certificate of Analysis

CAKE - KTM - SOUR APPLE

Client: Cake

Analysis Summary

	mg/serving
Mitragynine	7.991
7-OH Mitragynine	245.256
Paynantheine	ND
Speciogynine	0.892
Speciociliatine	0.648
Corynantheidine	3.006
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	1.710
Mitragynine pseudoindoxyl	2.44
MGM-15 (CAS No. 1158901-38-2)	ND
Total Quantified Alkaloids	261.94

Sample Name:

CAKE - KTM - SOUR APPLE

Matrix:

Other

Serving Mass:

0.9995 g per serving

Sample ID:

86860505-3E

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	0.7995	7.995	7.99
7-OH Mitragynine	0.019	0.058	24.5379	245.379	245.26
Paynantheine	0.022	0.066	ND	ND	ND
Speciogynine	0.019	0.056	0.0892	0.892	0.89
Speciociliatine	0.018	0.054	0.0648	0.648	0.65
Corynantheidine	0.024	0.073	0.3007	3.007	3.01
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	0.1711	1.711	1.71
Mitragynine pseudoindoxyl	0.033	0.098	0.244	2.44	2.44
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	ND	ND	ND
Total Quantified Alkaloids			26.2073	262.073	261.94

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.