

Certificate of Analysis

MGM - Very Berry

Client: High Limit



Analysis Summary

	mg/serving
Mitragynine	22.106
7-OH Mitragynine	ND
Paynantheine	0.893
Speciogynine	0.673
Speciociliatine	0.235
Corynantheidine	0.225
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	0.372
Mitragynine pseudoindoxyl	0.20
MGM-15 (CAS No. 1158901-38-2)	20.15
Total Quantified Alkaloids	44.85

Sample Name:

MGM - Very Berry

Matrix:

Other

Serving Mass:

0.793 g per serving

Sample ID:

85260519-6

Date Received:

5/19/26

Marie

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	2.7877	27.877	22.11
7-OH Mitragynine	0.019	0.058	ND	ND	ND
Paynantheine	0.022	0.066	0.1126	1.126	0.89
Speciogynine	0.019	0.056	0.0849	0.849	0.67
Speciociliatine	0.018	0.054	0.0296	0.296	0.23
Corynantheidine	0.024	0.073	0.0284	0.284	0.23
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	0.0469	0.469	0.37
Mitragynine pseudoindoxyl	0.033	0.098	0.025	0.25	0.20
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	2.541	25.41	20.15
Total Quantified Alkaloids			5.6562	56.562	44.85

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.