

Certificate of Analysis

BlueZ

Client: Bluez



Analysis Summary

	mg/serving
Mitragynine	41.725
7-OH Mitragynine	ND
Paynantheine	1.139
Speciogynine	0.755
Speciociliatine	0.367
Corynantheidine	ND
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	ND
Mitragynine pseudoindoxyl	ND
MGM-15 (CAS No. 1158901-38-2)	12.20
Total Quantified Alkaloids	56.19

Sample Name:

BlueZ

Matrix:

Other

Serving Mass:

0.783 g per serving

Sample ID:

76760226-6

Date Received:

2/26/26



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	5.3289	53.289	41.73
7-OH Mitragynine	0.019	0.058	ND	ND	ND
Paynantheine	0.022	0.066	0.1455	1.455	1.14
Speciogynine	0.019	0.056	0.0965	0.965	0.76
Speciociliatine	0.018	0.054	0.0468	0.468	0.37
Corynantheidine	0.024	0.073	ND	ND	ND
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	ND	ND	ND
Mitragynine pseudoindoxyl	0.033	0.098	ND	ND	ND
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	1.559	15.59	12.20
Total Quantified Alkaloids			7.1763	71.763	56.19

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.