

Certificate of Analysis

RUSH - 2500MG - BLUE RAZZ

Client: RUSH

Analysis Summary

	mg/serving
Mitragynine	17.164
7-OH Mitragynine	446.522
Paynantheine	2.445
Speciogynine	ND
Speciociliatine	1.468
Corynantheidine	6.645
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	ND
Mitragynine pseudoindoxyl	16.52
MGM-15 (CAS No. 1158901-38-2)	19.87
Total Quantified Alkaloids	510.63

Sample Name:

RUSH - 2500MG - BLUE RAZZ

Matrix:

Other

Serving Mass:

0.08 g per serving

Sample ID:

87060515-2E

Date Received:

5/15/26



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	21.4548	214.548	17.16
7-OH Mitragynine	0.019	0.058	558.1525	5581.525	446.52
Paynantheine	0.022	0.066	3.0563	30.563	2.45
Speciogynine	0.019	0.056	ND	ND	ND
Speciociliatine	0.018	0.054	1.8347	18.347	1.47
Corynantheidine	0.024	0.073	8.3062	83.062	6.64
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	20.645	206.45	16.52
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	24.837	248.37	19.87
Total Quantified Alkaloids			638.2865	6382.865	510.63

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.