

Certificate of Analysis

RUSH - 2500MG - CHERRY

Client: RUSH

Analysis Summary

	mg/serving
Mitragynine	18.014
7-OH Mitragynine	457.889
Paynantheine	2.737
Speciogynine	ND
Speciociliatine	1.518
Corynantheidine	5.566
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	ND
Mitragynine pseudoindoxyl	17.24
MGM-15 (CAS No. 1158901-38-2)	22.18
Total Quantified Alkaloids	525.15

Sample Name:

RUSH - 2500MG - CHERRY

Matrix:

Other

Serving Mass:

0.08 g per serving

Sample ID:

87060515-3E

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	22.5174	225.174	18.01
7-OH Mitragynine	0.019	0.058	572.3610	5723.610	457.89
Paynantheine	0.022	0.066	3.4206	34.206	2.74
Speciogynine	0.019	0.056	ND	ND	ND
Speciociliatine	0.018	0.054	1.8973	18.973	1.52
Corynantheidine	0.024	0.073	6.9570	69.570	5.57
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	21.556	215.56	17.24
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	27.722	277.22	22.18
Total Quantified Alkaloids			656.4317	6564.317	525.15

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.