

Certificate of Analysis

2000mg Fruit Punch

Client: RUSH

Analysis Summary

mg/serving

Mitragynine	8.726
7-OH Mitragynine	366.468
Paynantheine	ND
Speciogynine	ND
Speciociliatine	ND
Corynantheidine	ND
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	ND
Mitragynine pseudoindoxyl	3.43
MGM-15 (CAS No. 1158901-38-2)	ND
Total Quantified Alkaloids	378.62

Sample Name:

2000mg Fruit Punch

Matrix:

Other

Serving Mass:

2.11 g per serving

Sample ID:

87060514-3E

Date Received:

5/14/26



Approved By:

Marie True, M.S.

Laboratory Manager

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References: limit of quantitation (LOQ), not detected (ND), not tested (NT)

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Kratom Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)	Mass (mg/serving)
Mitragynine	0.016	0.049	0.4135	4.135	8.73
7-OH Mitragynine	0.019	0.058	17.3681	173.681	366.47
Paynantheine	0.022	0.066	ND	ND	ND
Speciogynine	0.019	0.056	ND	ND	ND
Speciociliatine	0.018	0.054	ND	ND	ND
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	0.162	1.62	3.43
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	ND	ND	ND
Total Quantified Alkaloids			17.9441	179.441	378.62

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.