

Certificate of Analysis

APEX RUSH MIT 500mg Wild Cherry

Client: APEX RUSH

Analysis Summary	Percent (%)	mg/serving
Mitragynine	63.88	511.04
7-OH Mitragynine	ND	ND
Paynantheine	2.08	16.67
Speciogynine	1.25	10.00
Speciociliatine	0.13	1.01
Corynantheidine	0.80	6.39
Mitraphylline	ND	ND
9-O-desmethyl Mitragynine	ND	ND
Corynoxine B	ND	ND
Ajmalicine	ND	ND
Isomitraphylline	ND	ND
Mitraciliatine	ND	ND
Mitragynine pseudoindoxyl	ND	ND
MGM-15	ND	ND
Total Quantified Alkaloids	68.14	545.10

Sample Name:

APEX RUSH MIT 500mg Wild Cherry

Matrix:

Other

Unit Mass:

0.8 g per unit

Sample ID:

94560723-1

Date Received:

7/23/26



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 (%)	Percent (%)	mg/serving	
Mitragynine	0.016	0.049	63.880	511.04	
7-OH Mitragynine	0.019	0.058	ND	ND	
Paynantheine	0.022	0.066	2.083	16.67	
Speciogynine	0.019	0.056	1.250	10.00	
Speciociliatine	0.018	0.054	0.126	1.01	
Corynantheidine	0.024	0.073	0.798	6.39	
Mitraphylline	0.017	0.052	ND	ND	
9-O-desmethyl Mitragynine	0.017	0.050	ND	ND	
Corynoxine B	0.022	0.066	ND	ND	
Ajmalicine	0.024	0.071	ND	ND	
Isomitraphylline	0.019	0.057	ND	ND	
Mitraciliatine	0.020	0.060	ND	ND	
Mitragynine pseudoindoxyl	0.033	0.098	ND	ND	
MGM-15	0.011	0.03	ND	ND	
Total Quantified Alkaloids			68.137	545.10	

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.