

Certificate of Analysis

RUSH - 2500MG - WATERMELON

Client: RUSH

Analysis Summary

	mg/serving
Mitragynine	17.731
7-OH Mitragynine	443.305
Paynantheine	2.445
Speciogynine	ND
Speciociliatine	1.601
Corynantheidine	6.879
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	ND
Mitragynine pseudoindoxyl	16.80
MGM-15 (CAS No. 1158901-38-2)	21.24
Total Quantified Alkaloids	510.00

Sample Name:

RUSH - 2500MG - WATERMELON

Matrix:

Other

Serving Mass:

0.08 g per serving

Sample ID:

87060515-1E

Date Received:

5/15/26



Approved By:

Marie True, M.S.

Laboratory Manager

This certificate of analysis is responsible for the tested sample only and is for research use only. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of FESA Labs. FESA Labs shall not be liable for any damage that may result from the data contained herein in any way. FESA Labs makes no claim to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. If there are any questions with this report please email info@fesalabs.com. This certificate of analysis is intended only for the use of the party to whom it is addressed and may contain information that is confidential or protected from disclosure under applicable law. If you have received this document in error, please immediately contact us.

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	22.1632	221.632	17.73
7-OH Mitragynine	0.019	0.058	554.1312	5541.312	443.30
Paynantheine	0.022	0.066	3.0563	30.563	2.45
Speciogynine	0.019	0.056	ND	ND	ND
Speciociliatine	0.018	0.054	2.0015	20.015	1.60
Corynantheidine	0.024	0.073	8.5988	85.988	6.88
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	20.999	209.99	16.80
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	26.554	265.54	21.24
Total Quantified Alkaloids			637.5048	6375.048	510.00

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.