FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 81361005-2
Date Issued: 10/5/26

Certificate of Analysis

R&D
Report

175mg MIT - Blue Razz

Client: Tops Kratom

Analysis Summary	Percent (%)	mg/serving
Mitragynine	19.39	154.60
7-OH Mitragynine	ND	ND
Paynantheine	1.57	12.74
Speciogynine	1.19	9.66
Speciociliatine	1.07	8.72
Corynantheidine	ND	ND
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-16	ND	ND
MGM-15	ND	ND
Total Quantified Alkaloids	22.87.	185.71

Sample Name:
175mg MIT - Blue Razz

Matrix:
Other

Unit Mass:
0.812 g per unit

Sample ID:
81361005-2

Date Received:
10/5/26

Approved By:
Marie True, M.S.
Laboratory Manager

This Certificate of Analysis (COA) applies exclusively to the sample identified herein and is provided solely for research and development (R&D) and quality assurance (QA) purposes. Results do not represent any other lot, batch, or product supplied by the client. Sampling was not performed by FESA Labs. This COA is not a regulatory compliance certificate and does not certify compliance with any federal, state, or local law or regulation, including but not limited to the 2018 Farm Bill. No regulatory compliance determination has been made in connection with this report. This COA is provided solely for informational purposes and is not intended for reliance by consumers or purchasers, or for any legal purpose. This COA may not be used, in whole or in part, for commercial promotion, advertising, or product labeling without prior written consent from FESA Labs. 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. This COA may not be reproduced except in its entirety without the prior written approval from FESA Labs. This COA reflects the results of testing performed on the identified sample and is valid as of its date of issuance, without guaranteeing the tested sample's stability or continued conformity beyond that date. This COA is intended solely for the addressed party and may contain confidential or legally protected information. If received in error or if you have questions regarding this report, please contact FESA Labs at info@fesalabs.com.

References: limit of quantitation (LOQ), not detected (ND), not tested (NT), R&D (Research and Development Test)

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Kratom Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Percent (%)	mg/serving
Mitragynine	**0.016**	**0.049**	**19.039**	**154.60**
7-OH Mitragynine	0.019	0.058	ND	ND
Paynantheine	**0.022**	**0.066**	**1.569**	**12.74**
Speciogynine	**0.019**	**0.056**	**1.189**	**9.66**
Speciociliatine	**0.018**	**0.054**	**1.074**	**8.72**
Corynantheidine	0.024	0.073	ND	ND
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-16	0.006	0.02	ND	ND
MGM-15	0.011	0.03	ND	ND
Total Quantified Alkaloids			**22.871**	**185.71**

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.