

Certificate of Analysis

Fruit Punch 20mg

Client: Alkaloid Bros



Analysis Summary

	mg/serving
Mitragynine	0.641
7-OH Mitragynine	20.179
Paynantheine	0.212
Speciogynine	ND
Speciociliatine	0.199
Corynantheidine	0.109
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	0.169
Mitragynine pseudoindoxyl	0.48
MGM-15 (CAS No. 1158901-38-2)	ND
Total Quantified Alkaloids	21.99

Analysis Overview

Residual Solvents & Processing Chemicals	Pass
--	------

Sample Name:

Fruit Punch 20mg

Matrix:

Other

Serving Mass:

0.5556 g per serving

Sample ID:

75560604-5

Date Received:

6/4/26



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	0.1154	1.154	0.64
7-OH Mitragynine	0.019	0.058	3.6319	36.319	20.18
Paynantheine	0.022	0.066	0.0382	0.382	0.21
Speciogynine	0.019	0.056	ND	ND	ND
Speciociliatine	0.018	0.054	0.0359	0.359	0.20
Corynantheidine	0.024	0.073	0.0195	0.195	0.11
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	0.0305	0.305	0.17
Mitragynine pseudoindoxyl	0.033	0.098	0.087	0.87	0.48
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	ND	ND	ND
Total Quantified Alkaloids			3.9585	39.585	21.99

Residual Solvents Analysis

Pass

Analyte	LOQ (µg/g)	Limit (mg/g)	Mass (mg/g)	Status
Acetone	0.490	5.00	ND	Pass
Acetonitrile	0.460	0.41	ND	Pass
Benzene	0.590	0.00	ND	Pass
Butane	0.560	N/A	ND	N/A
Chloroform	0.510	0.06	ND	Pass
1,2-Dichloroethane	0.570	0.01	ND	Pass
Ethanol	0.470	5.00	0.038	Pass
Ethyl Acetate	0.520	5.00	0.032	Pass
Ethyl Ether	0.480	5.00	ND	Pass
Ethylene Oxide	0.460	0.01	ND	Pass
Heptane	0.520	5.00	ND	Pass
n-Hexane	0.540	0.29	ND	Pass
Isopropanol	0.580	5.00	ND	Pass
Methanol	0.460	3.00	ND	Pass
Methylene Chloride	0.560	0.60	ND	Pass
Pentane	0.520	5.00	ND	Pass
Propane	0.510	N/A	ND	N/A
Toluene	0.480	0.89	ND	Pass
Trichloroethylene	0.520	0.08	ND	Pass
Xylenes	0.580	2.17	ND	Pass

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.

HSGCMS02 - Headspace Gas Chromatography with Mass Spectrometric Detection for Residual Solvents Panel