

Certificate of Analysis

Citrus Berries 50mg

Client: Alkaloid Bros



Sample Name:

Citrus Berries 50mg

Matrix:

Other

Serving Mass:

0.5309 g per serving

Sample ID:

75560709-8

Date Received:

7/9/26

Marie

Approved By:

Marie True, M.S.

Laboratory Manager

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

Analysis Summary

	mg/serving
Mitragynine	0.934
7-OH Mitragynine	52.641
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	ND
MGM-15 (CAS No. 1158901-38-2)	ND
Total Quantified Alkaloids	53.58

Analysis Overview

Residual Solvents & Processing Chemicals	Pass
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Certificate of Analysis

Kratom Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)	Mass (mg/serving)
Mitragynine	0.016	0.049	0.1760	1.760	0.93
7-OH Mitragynine	0.019	0.058	9.9154	99.154	52.64
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	ND	ND	ND
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	ND	ND	ND
Total Quantified Alkaloids			10.0914	100.914	53.58

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	0.101	Pass
Ethyl Acetate	0.520	5.00	0.21	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