

Certificate of Analysis

Mango Madness 2 - 30mg

Client: Alkaloid Bros



Sample Name:

Mango Madness 2 - 30mg

Matrix:

Other

Serving Mass:

0.5938 g per serving

Sample ID:

75560624-1E

Date Received:

6/24/2026

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	3.956
7-OH Mitragynine	31.873
Paynantheine	0.405
Speciogynine	0.235
Speciociliatine	0.282
Corynantheidine	0.229
Mitraphylline	ND
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	0.097
Mitragynine pseudoindoxyl	0.55
MGM-15 (CAS No. 1158901-38-2)	ND
Total Quantified Alkaloids	37.63

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	0.6661	6.661	3.96
7-OH Mitragynine	0.019	0.058	5.3676	53.676	31.87
Paynantheine	0.022	0.066	0.0682	0.682	0.40
Speciogynine	0.019	0.056	0.0397	0.397	0.24
Speciociliatine	0.018	0.054	0.0475	0.475	0.28
Corynantheidine	0.024	0.073	0.0386	0.386	0.23
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	0.0164	0.164	0.10
Mitragynine pseudoindoxyl	0.033	0.098	0.093	0.93	0.55
MGM-15 (CAS No. 1158901-38-2)	0.011	0.03	ND	ND	ND
Total Quantified Alkaloids			6.3367	63.367	37.63

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	0.05	Pass
Ethyl Acetate	0.520	5.00	0.155	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	0.0018	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