

Certificate of Analysis

Uforia 70H + 130H 600mg

Client: JT Labs & Research



Analysis Summary		mg/serving
Mitragynine		0.119
7-OH Mitragynine		21.522
Paynantheine		0.161
Speciogynine		0.294
Speciociliatine		1.323
Corynantheidine		0.184
Mitraphylline		ND
9-O-desmethyl Mitragynine		ND
Corynoxine B		ND
Ajmalicine		ND
Isomitraphylline		ND
Mitraciliatine		0.270
Mitragynine pseudoindoxyl		0.27
*13-OH Corydalis Yanhusuo		19.42
Tetrahydropalmatine		ND
Total Quantified Alkaloids		43.29

Analysis Overview

Residual Solvents & Processing Chemicals	Pass
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Sample Name:

Uforia 70H + 130H 600mg

Matrix:

Other

Serving Mass:

0.53 g per serving

Sample ID:

65451217-7



Approved By:

Marie True, M.S.

Laboratory Manager

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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	0.022	0.22	0.12
7-OH Mitragynine	0.019	0.058	4.061	40.61	21.52
Paynantheine	0.022	0.066	0.030	0.30	0.16
Speciogynine	0.019	0.056	0.055	0.55	0.29
Speciociliatine	0.018	0.054	0.250	2.50	1.32
Corynantheidine	0.024	0.073	0.035	0.35	0.18
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	0.051	0.51	0.27
Mitragynine pseudoindoxyl	0.033	0.098	ND	ND	ND
*13-OH Corydalis Yanhusuo	N/A	N/A	3.664	36.64	19.42
Tetrahydropalmatine	0.018	0.059	ND	ND	ND
Total Quantified Alkaloids			8.168	81.68	43.29

Residual Solvents Analysis

Pass

Analyte	LOQ (µg/g)	Limit (mg/g)	Mass (mg/g)	Status
Acetone	0.490	5.000	ND	Pass
Acetonitrile	0.460	0.410	ND	Pass
Benzene	0.590	0.002	ND	Pass
Butane	0.560	N/A	ND	N/A
Chloroform	0.510	0.060	ND	Pass
1,2-Dichloroethane	0.570	0.005	ND	Pass
Ethanol	0.470	5.000	ND	Pass
Ethyl Acetate	0.520	5.000	1.28	Pass
Ethyl Ether	0.480	5.000	ND	Pass
Ethylene Oxide	0.460	0.010	ND	Pass
Heptane	0.520	5.000	ND	Pass
n-Hexane	0.540	0.290	ND	Pass
Isopropanol	0.580	5.000	ND	Pass
Methanol	0.460	3.000	ND	Pass
Methylene Chloride	0.560	0.600	ND	Pass
Pentane	0.520	5.000	ND	Pass
Propane	0.510	N/A	ND	N/A
Toluene	0.480	0.890	ND	Pass
Trichloroethylene	0.520	0.080	ND	Pass
Xylenes	0.580	2.170	ND	Pass

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.

HPLC SOP 230-RDSQA - *13-OH Corydalis Yanhusuo was semi-qualitatively analyzed using NMR, HPLC, LC-MS verified potential 13-OH THP (sample ID: 65450729-a), without a CRM.

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