FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Certificate of Analysis

Uforia 450mg

Client: JT Labs & Research

Analysis Summary

	mg/serving
Mitragynine	0.109
7-OH Mitragynine	15.684
Paynantheine	0.151
Speciogynine	0.179
Speciociliatine	1.052
Corynantheidine	ND
Mitraphylline	0.196
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	ND
Total Quantified Alkaloids	17.37

Analysis Overview

Residual Solvents & Processing Chemicals	Pass

Sample Name:
Uforia 450mg

Matrix:
Other

Serving Mass:
0.403 g per serving

Sample ID:
65450721-9

Date Received:
7/21/25

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

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**	**0.027**	**0.27**	**0.11**
7-OH Mitragynine	**0.019**	**0.058**	**3.892**	**38.92**	**15.68**
Paynantheine	**0.022**	**0.066**	**0.037**	**0.37**	**0.15**
Speciogynine	**0.019**	**0.056**	**0.044**	**0.44**	**0.18**
Speciociliatine	**0.018**	**0.054**	**0.261**	**2.61**	**1.05**
Corynantheidine	0.024	0.073	ND	ND	ND
Mitraphylline	**0.017**	**0.052**	**0.049**	**0.49**	**0.20**
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
Total Quantified Alkaloids			**4.311**	**43.11**	**17.37**

Residual Solvents Analysis

Pass

Analyte	LOQ (mg/g)	Limit (mg/g)	Mass (mg/g)	Status
Acetone	0.100	5.000	ND	Pass
Acetonitrile	0.100	0.410	ND	Pass
Benzene	0.001	0.002	ND	Pass
Butane	0.100	N/A	ND	N/A
Chloroform	0.001	0.060	ND	Pass
1,2-Dichloroethane	0.001	0.005	ND	Pass
Ethanol	0.100	5.000	ND	Pass
Ethyl Acetate	0.100	5.000	0.59	Pass
Ethyl Ether	0.100	5.000	ND	Pass
Ethylene Oxide	0.001	0.010	ND	Pass
Heptane	0.100	5.000	ND	Pass
n-Hexane	0.100	0.290	ND	Pass
Isopropanol	0.100	5.000	ND	Pass
Methanol	0.100	3.000	ND	Pass
Methylene Chloride	0.001	0.600	ND	Pass
Pentane	0.100	5.000	ND	Pass
Propane	0.100	N/A	ND	N/A
Toluene	0.100	0.890	ND	Pass
Trichloroethylene	0.001	0.080	ND	Pass
Xylenes	0.100	2.170	ND	Pass

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.

Residual Solvents Analysis - 20 compounds (USP_467)

USP current revision, Chapter 62.
United States Pharmacopeia, 38nd Rev. - National Formulary 33th Ed., Method <467>, USP Convention, Inc., Rockville, MD (2015) (modified).