

# Certificate of Analysis

## Uforia 150mg

Client: JT Labs & Research



### Analysis Summary

	mg/serving
Mitragynine	0.174
7-OH Mitragynine	31.433
Paynantheine	0.283
Speciogynine	0.445
Speciociliatine	2.243
Corynantheidine	0.033
Mitraphylline	0.401
9-O-desmethyl Mitragynine	ND
Corynoxine B	ND
Ajmalicine	ND
Isomitraphylline	ND
Mitraciliatine	ND
<b>Total Quantified Alkaloids</b>	<b>35.01</b>

### Analysis Overview

Residual Solvents & Processing Chemicals	Pass
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**Sample Name:**

Uforia 150mg

**Matrix:**

Other

**Serving Mass:**

0.396 g per serving

**Sample ID:**

65450721-7

**Date Received:**

7/21/25



Approved By:

Marie True, M.S.

Laboratory Manager

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

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## Kratom Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)	Mass (mg/serving)
Mitragynine	0.016	0.049	0.044	0.44	0.17
7-OH Mitragynine	0.019	0.058	7.938	79.38	31.43
Paynantheine	0.022	0.066	0.072	0.72	0.28
Speciogynine	0.019	0.056	0.112	1.12	0.45
Speciociliatine	0.018	0.054	0.566	5.66	2.24
Corynantheidine	0.024	0.073	0.008	0.08	0.03
Mitraphylline	0.017	0.052	0.101	1.01	0.40
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
<b>Total Quantified Alkaloids</b>			<b>8.842</b>	<b>88.42</b>	<b>35.01</b>

## 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	1.63	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).