FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

# Certificate of Analysis

For R&D Use Only

# Uforia 20mg tablet

**Client: JT Labs & Research**


## Analysis Summary

| | mg/serving |
|---|---|
| Mitragynine | 0.14 |
| 7-OH Mitragynine | 21.96 |
| Paynantheine | ND |
| Speciogynine | 0.35 |
| Speciociliatine | 1.68 |
| Corynantheidine | 0.03 |
| Total Quantified Alkaloids | 24.16 |

## Analysis Overview

| | |
|---|---|
| Residual Solvents & Processing Chemicals | Pass |

**Sample Name:**
Uforia 20mg tablet

**Matrix:**
Other

**Serving Mass:**
0.409 g per serving

**Sample ID:**
65450613-2

**Date Received:**
6/13/25

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



**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 | **0.0340** | **0.340** | **0.14** |
| **7-OH Mitragynine** | 0.019 | 0.058 | **5.3686** | **53.686** | **21.96** |
| Paynantheine | 0.022 | 0.066 | ND | ND | ND |
| **Speciogynine** | 0.019 | 0.056 | **0.0866** | **0.866** | **0.35** |
| **Speciociliatine** | 0.018 | 0.054 | **0.4111** | **4.111** | **1.68** |
| **Corynantheidine** | 0.017 | 0.051 | **0.0072** | **0.072** | **0.03** |
| **Total Quantified Alkaloids** | | | **5.9076** | **59.076** | **24.16** |

## 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 | 1.96 | 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

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).