261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
802-767-7256
info@onwardanalytics.biz

# Certificate of Analysis

**Client Name:** Mr. Z Craft Cannabis
**License Number:** CLTV0086

**Sample ID:** VT13522
**Sample Name:** Dope Dog - 24 A
**Sample Lot:** 11-5
**Sample Matrix:** Flower
**Date Received:** 9/23/2024
**Date Reported:** 9/30/2024
**Date Tested:** 9/26/2024

## Total Cannabinoids

| | % | mg/g |
|---|---|---|
| **Total THC:** | **31.872** | **318.721** |
| **Total CBD:** | **0.326** | **3.259** |
| **Total Cannabinoids:** | **37.995** | **379.952** |

**Total theoretical CBD % = (CBD%) + (CBDA% * 0.877)**
**Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)**

## Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-OA) | Test ID: #41469

| Analyte | % (Dry) | mg/g (Dry) | % | mg/g | LOD (mg/g) | LOQ (mg/g) |
|---|---|---|---|---|---|---|
| CBC | ND | ND | ND | ND | 0.0003 | 0.0040 |
| CBCA | 0.2081 | 2.081 | 0.1833 | 1.833 | 0.0002 | 0.0040 |
| CBD | 0.3259 | 3.259 | 0.2871 | 2.871 | 0.0008 | 0.0040 |
| CBDA | ND | ND | ND | ND | 0.0002 | 0.0040 |
| CBDV | < LOQ | < LOQ | < LOQ | < LOQ | 0.0008 | 0.0040 |
| CBDVA | ND | ND | ND | ND | 0.0001 | 0.0040 |
| CBG | < LOQ | < LOQ | < LOQ | < LOQ | 0.0009 | 0.0040 |
| CBGA | 0.9041 | 9.041 | 0.7964 | 7.964 | 0.0001 | 0.0040 |
| CBN | ND | ND | ND | ND | 0.0004 | 0.0040 |
| CBNA | ND | ND | ND | ND | 0.0002 | 0.0040 |
| D8 THC | < LOQ | < LOQ | < LOQ | < LOQ | 0.0012 | 0.0040 |
| D9 THC | < LOQ | < LOQ | < LOQ | < LOQ | 0.0016 | 0.0049 |
| D10 THC | < LOQ | < LOQ | < LOQ | < LOQ | 0.0004 | 0.0040 |
| THCA | 36.3422 | 363.422 | 32.0139 | 320.139 | 0.0002 | 0.0040 |
| THCV | ND | ND | ND | ND | 0.0016 | 0.0049 |
| THCVA | 0.2149 | 2.149 | 0.1893 | 1.893 | 0.0002 | 0.0040 |

## Moisture & Water Activity — PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #41470

| Analyte | Result (%) | Limit | Pass/Fail |
|---|---|---|---|
| Moisture | 11.91 | 13.00 | |
| Water Activity | 0.54 | 0.65 | PASS |

Callie Chapman
Lab Director
9/30/2024

| Rev. 1 | Initial Release |
|---|---|

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**Sample ID:** VT13522
**Sample Name:** Dope Dog - 24 A
**Sample Lot:** 11-5
**Sample Matrix:** Flower
**Date Received:** 9/23/2024
**Date Reported:** 9/30/2024
**Date Tested:** 9/26/2024

## Total Terpenes (%) : 2.2708

| Dominant Terpenes (%) | |
|---|---|
| **Limonene** | **0.7023** |
| **beta-caryophyllene** | **0.5166** |
| **Myrcene** | **0.353** |
| **alpha-Humulene** | **0.1991** |
| **Linalool** | **0.1461** |

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #41471

| Analyte | Result (%) | Result (mg/g) | LOD (mg/g) | LOQ (mg/g) |
|---|---|---|---|---|
| 3-Carene | ND | ND | 0.000002 | 0.001 |
| alpha-Bisabolol | 0.1058 | 1.058 | 0.000003 | 0.001 |
| alpha-Humulene | 0.1991 | 1.991 | 0.000002 | 0.001 |
| alpha-Pinene | 0.0492 | 0.492 | 0.000001 | 0.001 |
| alpha-Terpinene | ND | ND | 0.000001 | 0.001 |
| alpha-Terpinolene | 0.0067 | 0.067 | 0.000004 | 0.001 |
| beta-caryophyllene | 0.5166 | 5.166 | 0.000004 | 0.001 |
| beta-Pinene | 0.0812 | 0.812 | 0.000002 | 0.001 |
| Camphene | 0.012 | 0.12 | 0.000001 | 0.001 |
| Caryophyllene Oxide | 0.0091 | 0.091 | 0.000011 | 0.001 |
| Eucalyptol | ND | ND | 0.000002 | 0.001 |
| gamma-Terpinene | ND | ND | 0.000002 | 0.001 |
| Geraniol | ND | ND | 0.000008 | 0.003 |
| Guaiol | ND | ND | 0.000007 | 0.001 |
| Isopulegol | ND | ND | 0.000005 | 0.001 |
| Isopropyl Toluene | ND | ND | 0.000003 | 0.001 |
| Limonene | 0.7023 | 7.023 | 0.000002 | 0.001 |
| Linalool | 0.1461 | 1.461 | 0.000003 | 0.001 |
| Nerolidol | 0.0897 | 0.897 | 0.000007 | 0.001 |
| Myrcene | 0.353 | 3.53 | 0.000003 | 0.001 |
| Ocimene | ND | ND | 0.000002 | 0.001 |
| **Total Terpenes** | **2.2708** | **22.708** | | |

Callie Chapman
Lab Director
9/30/2024

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# Certificate of Analysis

**Client Name:** Mr. Z Craft Cannabis
**License Number:** CLTV0086

**Sample ID:** VT13434
**Sample Name:** HL: DD, SD, GG4, CZ
**Sample Lot:**
**Sample Matrix:** Flower
**Date Received:** 9/19/2024
**Date Reported:** 9/26/2024
**Date Tested:** 9/24/2024

## Pesticides — Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) **- Limit units: ppm** | Test ID: #41129

| Analyte | Pass/Fail | Result (ppm) | Limit | LOD (ppm) | LOQ (ppm) |
|---|---|---|---|---|---|
| Abamectin B1a | Pass | ND | 0.10000 | 0.00137 | 0.00416 |
| Abamectin B1b | Pass | ND | 0.10000 | 0.00016 | 0.00048 |
| Acephate | Pass | ND | 0.10000 | 0.00233 | 0.00707 |
| Acequinocyl | Pass | ND | 0.10000 | 0.02958 | 0.08963 |
| Azoxystrobin | Pass | ND | 0.10000 | 0.00152 | 0.00459 |
| Bifenazate | Pass | ND | 0.10000 | 0.00101 | 0.00306 |
| Bifenthrin | Pass | ND | 3.00000 | 0.00385 | 0.01167 |
| Carbaryl | Pass | ND | 0.50000 | 0.00156 | 0.00473 |
| Chlorpyrifos | Pass | ND | 0.04000 | 0.00228 | 0.00689 |
| Cypermethrin | Pass | ND | 1.00000 | 0.00898 | 0.02720 |
| Etoxazole | Pass | ND | 0.10000 | 0.00176 | 0.00535 |
| Imazalil | Pass | ND | 0.04000 | 0.00147 | 0.00446 |
| Imidacloprid | Pass | ND | 5.00000 | 0.00029 | 0.01774 |
| Myclobutanil | Pass | ND | 0.10000 | 0.00166 | 0.00504 |
| Spinosyn A | Pass | ND | 0.10000 | 0.00104 | 0.00315 |
| Spinosyn D | Pass | ND | 0.10000 | 0.00061 | 0.00185 |
| Pyrethrins | Pass | ND | 0.50000 | 0.00022<br>0.00498 * | 0.00072<br>0.00015 * |

* Pyrethrins action limit represents sum of isomers I & II

Callie Chapman
Lab Director
9/26/2024

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# Certificate of Analysis

**Client Name:** Mr. Z Craft Cannabis
**License Number:** CLTV0086

**Sample ID:** VT13430
**Sample Name:** Dope Dog
**Sample Lot:** 11-5
**Sample Matrix:** Flower
**Date Received:** 9/19/2024
**Date Reported:** 9/26/2024
**Date Tested:** 9/20/2024

## Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #41125

| Analyte | Result | Pass/Fail |
|---|---|---|
| A. Fumigatus | None Detected | PASS |
| A. Niger | None Detected | PASS |
| A. Flavus | None Detected | PASS |
| A. Terreus | None Detected | PASS |
| STEC | None Detected | PASS |
| Salmonella | None Detected | PASS |

Callie Chapman
Lab Director
9/26/2024

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