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

# Certificate of Analysis

**Client Name:** Smoke Ranch LLC
**License Number:** SCLT0131-02

**Sample ID:** VT15312
**Sample Name:** Bob Ross
**Sample Lot:** 7
**Sample Matrix:** Flower
**Date Received:** 11/8/2024
**Date Reported:** 11/15/2024
**Date Tested:** 11/13/2024

## Total Cannabinoids

| | % | mg/g |
|---|---|---|
| **Total THC:** | **27.375** | **273.745** |
| **Total CBD:** | **--** | **--** |
| **Total Cannabinoids:** | **32.107** | **321.068** |

**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: #48621

| Analyte | % (Dry) | mg/g (Dry) | % | mg/g | LOD (mg/g) | LOQ (mg/g) |
|---|---|---|---|---|---|---|
| CBC | ND | ND | ND | ND | 0.0003 | 0.0040 |
| CBCA | 0.2758 | 2.758 | 0.2457 | 2.457 | 0.0002 | 0.0040 |
| CBD | < LOQ | < LOQ | < LOQ | < LOQ | 0.0008 | 0.0040 |
| CBDA | ND | ND | ND | ND | 0.0002 | 0.0040 |
| CBDV | ND | ND | ND | ND | 0.0008 | 0.0040 |
| CBDVA | ND | ND | ND | ND | 0.0001 | 0.0040 |
| CBG | ND | ND | ND | ND | 0.0009 | 0.0040 |
| CBGA | 0.79 | 7.9 | 0.7039 | 7.039 | 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 | 1.2323 | 12.323 | 1.098 | 10.98 | 0.0016 | 0.0049 |
| D10 THC | ND | ND | ND | ND | 0.0004 | 0.0040 |
| THCA | 29.8087 | 298.087 | 26.5595 | 265.595 | 0.0002 | 0.0040 |
| THCV | ND | ND | ND | ND | 0.0016 | 0.0049 |
| THCVA | < LOQ | < LOQ | < LOQ | < LOQ | 0.0002 | 0.0040 |

## Moisture & Water Activity — PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #48622

| Analyte | Result (%) | Limit | Pass/Fail |
|---|---|---|---|
| Moisture | 10.90 | 13.00 | |
| Water Activity | 0.49 | 0.65 | PASS |

Callie Chapman
Lab Director
11/15/2024

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

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# Certificate of Analysis

**Client Name:** Smoke Ranch LLC
**License Number:** SCLT0131-02

**Sample ID:** VT15884
**Sample Name:** Bob Ross 2
**Sample Lot:** HL7
**Sample Matrix:** Flower
**Date Received:** 11/22/2024
**Date Reported:** 12/2/2024
**Date Tested:** 11/25/2024

## Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #50819

| 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
12/2/2024

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

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# Certificate of Analysis

**Client Name:** Smoke Ranch LLC
**License Number:** SCLT0131-02

**Sample ID:** VT15884
**Sample Name:** Bob Ross 2
**Sample Lot:** HL7
**Sample Matrix:** Flower
**Date Received:** 11/22/2024
**Date Reported:** 12/2/2024
**Date Tested:** 11/25/2024

## Pesticides — Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) **- Limit units: ppm** | Test ID: #50817

| Analyte | Pass/Fail | Result (ppm) | Limit | LOD (ppm) | LOQ (ppm) |
|---|---|---|---|---|---|
| Abamectin B1a | Pass | ND | 0.10000 | 0.00687 | 0.02081 |
| Abamectin B1b | Pass | ND | 0.10000 | 0.00133 | 0.00405 |
| Acephate | Pass | ND | 0.10000 | 0.02214 | 0.06710 |
| Acequinocyl | Pass | ND | 0.10000 | 0.02276 | 0.06897 |
| Azoxystrobin | Pass | ND | 0.10000 | 0.01262 | 0.03825 |
| Bifenazate | Pass | ND | 0.10000 | 0.01232 | 0.03734 |
| Bifenthrin | Pass | ND | 3.00000 | 0.04612 | 0.13976 |
| Carbaryl | Pass | ND | 0.50000 | 0.01039 | 0.03149 |
| Chlorpyrifos | Pass | ND | 0.04000 | 0.00702 | 0.02128 |
| Cypermethrin | Pass | ND | 1.00000 | 0.02839 | 0.08604 |
| Etoxazole | Pass | ND | 0.10000 | 0.00915 | 0.02772 |
| Imazalil | Pass | ND | 0.04000 | 0.00664 | 0.02012 |
| Imidacloprid | Pass | ND | 5.00000 | 0.02001 | 0.06063 |
| Myclobutanil | Pass | ND | 0.10000 | 0.01691 | 0.05123 |
| Spinosyn A | Pass | ND | 0.10000 | 0.00632 | 0.01916 |
| Spinosyn D | Pass | ND | 0.10000 | 0.00256 | 0.00775 |
| 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
12/2/2024

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