

### SAMPLE DETAILS

**SAMPLE NAME:** Cannabis Terpenes | Lifter

Terpenes, Product Inhalable

#### CULTIVATOR / MANUFACTURER

**Business Name:**
**License Number:**
**Address:**

#### DISTRIBUTOR / TESTED FOR

**Business Name:** Earthy Now

**License Number:**
**Address:**

#### SAMPLE DETAIL

**Batch Number:**
**Sample ID:** 250416S025

**Date Collected:** 04/16/2025

**Date Received:** 04/16/2025

**Batch Size:**
**Sample Size:** 1.0 units

**Unit Mass:**
**Serving Size:**


Scan QR code to verify authenticity of results.

### CANNABINOID ANALYSIS - SUMMARY

**Total THC:** Not Detected

**Total CBD:** 0.0217%

**Sum of Cannabinoids:** 0.0217%

**Total Cannabinoids:** 0.0217%

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

Total THC =  $\Delta^9\text{-THC} + (\text{THCa} \times 0.877)$

Total CBD =  $\text{CBD} + (\text{CBDa} \times 0.877)$

Sum of Cannabinoids =  $\Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCva} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$

Total Cannabinoids =  $(\Delta^9\text{-THC} + 0.877 \times \text{THCa}) + (\text{CBD} + 0.877 \times \text{CBDa}) + (\text{CBG} + 0.877 \times \text{CBGa}) + (\text{THCV} + 0.877 \times \text{THCva}) + (\text{CBC} + 0.877 \times \text{CBCa}) + (\text{CBDV} + 0.877 \times \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$

### TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

**Total Terpenoids:** 66.2716%

● Myrcene 375.608 mg/g
 ●  $\beta$ -Ocimene 81.948 mg/g
 ●  $\beta$ -Caryophyllene 41.982 mg/g

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**Sample Certification:** California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),  $\mu\text{g/g}$  = ppm,  $\mu\text{g/kg}$  = ppb

LQC verified by: Carmen Stackhouse  
 Job Title: Senior Laboratory Analyst  
 Date: 04/20/2025

Approved by: Josh Wurzer  
 Job Title: Chief Compliance Officer  
 Date: 04/20/2025



Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: Not Detected

Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

TOTAL CBD: 0.0217%

Total CBD (CBD+0.877\*CBDA)

TOTAL CANNABINOIDS: 0.0217%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ<sup>8</sup>-THC + CBL + CBN

TOTAL CBG: ND

Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: ND

Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877\*CBDVa)

CANNABINOID TEST RESULTS - 04/19/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.0081	0.217	0.0217
Δ <sup>9</sup> -THC	0.002 / 0.014	N/A	ND	ND
Δ <sup>8</sup> -THC	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDA	0.001 / 0.026	N/A	ND	ND
CBDV	0.002 / 0.012	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBG	0.002 / 0.006	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBN	0.001 / 0.007	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			0.217 mg/g	0.0217%

Terpenoid Analysis

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID).

Method: QSP 1192 - Analysis of Terpenoids by GC-FID

1 Myrcene

A monoterpene with a fragrance that can be described as peppery, spicy, herbal, floral and woody. Although it has a pleasant odor, it is typically used by the perfume industry as precursor for developing other fragrances. Found in hops, houttuynia, bay, thyme, lemon grass, mango, verbena, cardamom, citrus...etc.

TERPENOID TEST RESULTS - 04/20/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Myrcene	0.008 / 0.025	±3.7561	375.608	37.5608
β-Ocimene	0.006 / 0.025	±2.0487	81.948	8.1948
β-Caryophyllene	0.004 / 0.012	±1.1629	41.982	4.1982
Limonene	0.005 / 0.036	±0.4621	41.630	4.1630
α-Pinene	0.005 / 0.036	±0.1969	29.389	2.9389
Terpineol	0.009 / 0.031	±0.9699	20.290	2.0290
β-Pinene	0.004 / 0.014	±0.1398	15.711	1.5711
α-Humulene	0.009 / 0.180	±0.3839	15.356	1.5356
trans-β-Farnesene	0.008 / 0.025	±0.3386	12.269	1.2269
Linalool	0.009 / 0.036	±0.2918	9.858	0.9858
Valencene	0.009 / 0.180	±0.3356	6.262	0.6262
Terpinolene	0.008 / 0.036	±0.0498	3.135	0.3135
Fenchol	0.010 / 0.036	±0.0582	1.935	0.1935

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**Terpenoid Analysis** *Continued*
**TERPENOID TEST RESULTS - 04/20/2025** *continued*
**2 β-Ocimene**

A monoterpene with a fragrance that can be described as herbal, earthy, sweet with a hint of citrus. It is derived from members of the *Ocimum* genus, from which it lends its name. It also displays antifungal properties. A plant containing this terpene has been used in some traditional ayahuasca rituals and is also an important honey plant. Found in basil, tulsī, mint, oregano, parsley, some orchids, mangoes, tarragon...etc.

**3 β-Caryophyllene**

A sesquiterpene with a fragrance that can be described as spicy, woody, dry, dusty and mildly sweet. It was one of the first organic compounds to fully synthesized in a laboratory and plays a role in the endocannabinoid system as it is a functional CB<sub>2</sub> receptor agonist. Found in black pepper, clove, hops, rosemary, black-jack, perilla, spicebush, Indian pennywort, celery, frankincense, vitex, parsley, marigold, tamarind...etc.

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Caryophyllene Oxide	0.010 / 0.033	±0.0489	1.367	0.1367
Guaiol	0.009 / 0.030	±0.0498	1.357	0.1357
Camphene	0.005 / 0.015	±0.0102	1.129	0.1129
α-Bisabolol	0.008 / 0.026	±0.0429	1.034	0.1034
Borneol	0.005 / 0.016	±0.0175	0.535	0.0535
Fenchone	0.009 / 0.036	±0.0091	0.402	0.0402
Nerolidol	0.006 / 0.021	±0.0190	0.387	0.0387
γ-Terpinene	0.006 / 0.018	±0.0033	0.241	0.0241
α-Terpinene	0.005 / 0.017	±0.0022	0.193	0.0193
α-Phellandrene	0.006 / 0.036	±0.0019	0.181	0.0181
Geraniol	0.002 / 0.036	±0.0044	0.129	0.0129
Δ <sup>3</sup> -Carene	0.005 / 0.018	±0.0011	0.098	0.0098
Citronellol	0.003 / 0.036	±0.0029	0.076	0.0076
p-Cymene	0.005 / 0.016	±0.0015	0.071	0.0071
Geranyl Acetate	0.004 / 0.036	±0.0021	0.064	0.0064
Nerol	0.003 / 0.036	±0.0014	0.040	0.0040
Sabinene Hydrate	0.006 / 0.036	±0.0012	0.039	0.0039
α-Cedrene	0.005 / 0.016	N/A	ND	ND
Camphor	0.006 / 0.036	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
Eucalyptol	0.006 / 0.018	N/A	ND	ND
Isoborneol	0.004 / 0.012	N/A	ND	ND
Isopulegol	0.005 / 0.036	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
Pulegone	0.003 / 0.011	N/A	ND	ND
Sabinene	0.004 / 0.014	N/A	ND	ND
<b>TOTAL TERPENOIDS</b>			<b>662.716 mg/g</b>	<b>66.2716%</b>