

Hemp Quality Assurance Testing **CERTIFICATE OF ANALYSIS**

DATE ISSUED 04/20/2025

SAMPLE DETAILS

SAMPLE NAME: Cannabis Terpenes | Sour Lifter

Terpenes, Product Inhalable

CULTIVATOR / MANUFACTURER

Business Name: License Number: Address:

SAMPLE DETAIL

Batch Number: Sample ID: 250416S030 **DISTRIBUTOR / TESTED FOR**

Business Name: Earthy Now License Number: Address:

Date Collected: 04/16/2025 Date Received: 04/16/2025 Batch Size: Sample Size: 1.0 units Unit Mass: Serving Size:

Total THC = Δ^9 -THC + (THCa (0.877))

 $(CBDV+0.877*CBDVa) + \Delta^8$ -THC + CBL + CBN

Total CBD = CBD + (CBDa (0.877))

Total THC/CBD is calculated using the following formulas to take into

account the loss of a carboxyl group during the decarboxylation step:

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN

Total Cannabinoids = $(\Delta^9$ -THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) +







Scan QR code to verify authenticity of results

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: Not Detected

Sum of Cannabinoids: Not Detected

Total Cannabinoids: Not Detected

TERPENOID ANALYSIS - SUMMARY

Total Terpenoids: 63.0256%

Myrcene 233.013 mg/g

Terpinolene 126.865 mg/g 🛛 β-Caryophyllene 65.534 mg/g

39 TESTED, TOP 3 HIGHLIGHTED

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),

 $\mu g/g = ppm, \mu g/kg = ppb$

Masmil

LOC verified by: Yasmin Kakkar Job Title: Senior Laboratory Analyst Date: 04/20/2025

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

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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^9 -THC+0.877*THCa)

TOTAL CBD: Not Detected

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: Not Detected

 $\begin{array}{l} \mbox{Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN \\ \end{array}$

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)

Terpenoid Analysis

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

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

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.

CANNABINOID TEST RESULTS - 04/19/2025

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|---------------------|-------------------|-----------------------------------|------------------|---------------|
| ∆ ⁹ -THC | 0.002/0.014 | N/A | ND | ND |
| ∆ ⁸ -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 |
| CBD | 0.004 / 0.011 | 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 | | | ND | ND |

TERPENOID TEST RESULTS - 04/20/2025

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|------------------------|---------------------------|-----------------------------------|------------------|---------------|
| Myrcene | 0.008/0.025 | ±2.3301 | 233.013 | 23.3013 |
| Terpinolene | 0.008/0.036 | ±2.0172 | 126.865 | 12.6865 |
| β -Caryophyllene | 0.004/0.012 | ±1.8153 | 65.534 | 6.5534 |
| Limonene | 0.005/0.036 | ±0.7012 | 63.175 | 6.3175 |
| β-Ocimene | 0.006/0.025 | ±1.3395 | 53.580 | 5.3580 |
| α-Humulene | 0.009/0.180 | ±0.5565 | 22.258 | 2.2258 |
| β-Pinene | 0.004 / 0.014 | ±0.1426 | 16.017 | 1.6017 |
| α-Pinene | 0.005 <mark>/0.036</mark> | ±0.0622 | 9.288 | 0.9288 |
| Linalool | 0.009/0.036 | ±0.2494 | 8.427 | 0.8427 |
| Δ^3 -Carene | 0.005/0.018 | ±0.0496 | 4.470 | 0.4470 |
| α -Phellandrene | 0.006/0.036 | ±0.0456 | 4.305 | 0.4305 |
| α-Terpinene | 0.005/0.017 | ±0.0419 | 3.609 | 0.3609 |
| Fenchol | 0.010/0.036 | ±0.1029 | 3.420 | 0.3420 |

Continued on next page

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Terpinolene

Also known as δ -terpinene, it is of four isomers of the monoterpene Terpinene. It has a fragrance that can be described as fresh, woody, piney, herbal with a hint of lemon. Found in conifers, cumin, apple, rosemary, sage, tea tree, lilac, nutmeg...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 CB₂ receptor agonist. Found in black pepper, clove, hops, rosemary, black-jack, perilla, spicebush, Indian pennywort, celery, frankincense, vitex, parsley, marigold, tamarind...etc.

TERPENOID TEST RESULTS - 04/20/2025 continued

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|--|-----------------------------|-----------------------------------|------------------|---------------|
| γ -Terpinene | 0.006/0.018 | ±0.0374 | 2.774 | 0.2774 |
| Terpineol | 0.009/0.031 | ±0.1069 | 2.236 | 0.2236 |
| Eucalyptol | 0.006/0.018 | ±0.0349 | 1.770 | 0.1770 |
| Caryophyllene Oxide | 0.010/0.033 | ±0.0598 | 1.669 | 0.1669 |
| $\textit{trans-}\beta\textit{-}\textit{Farnesene}$ | 0.008/0.025 | ±0.0368 | 1.332 | 0.1332 |
| p-Cymene | 0.005/0.016 | ±0.0238 | 1.140 | 0.1140 |
| Camphene | 0.005/0.015 | ±0.0099 | 1.100 | 0.1100 |
| Borneol | 0.005/0.016 | ±0.0250 | 0.765 | 0.0765 |
| Valencene | 0.009/0.180 | ±0.0375 | 0.700 | 0.0700 |
| Sabinene | 0.004/0.014 | ±0.0059 | 0.635 | 0.0635 |
| α -Bisabolol | 0.008/0.026 | ±0.0237 | 0.572 | 0.0572 |
| Guaiol | 0.009/0.030 | ±0.0159 | 0.433 | 0.0433 |
| Fenchone | 0.009/0.036 | ±0.0095 | 0.422 | 0.0422 |
| Sabinene Hydrate | 0.006/0.036 | ±0.0098 | 0.326 | 0.0326 |
| Nerolidol | 0.006 / 0.021 | ±0.0133 | 0.272 | 0.0272 |
| Geraniol | 0.002/0.036 | ±0.0017 | 0.051 | 0.0051 |
| Nerol | 0.003/0.036 | ±0.0017 | 0.050 | 0.0050 |
| Citronellol | 0.003/0.036 | ±0.0018 | 0.048 | 0.0048 |
| 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 |
| Geranyl Acetate | 0.004/0.036 | N/A | ND | ND |
| Isoborneol | 0.004/0.012 | N/A | ND | ND |
| Isopulegol | 0.005 / 0. <mark>036</mark> | N/A | ND | ND |
| Menthol | 0.008 / 0.025 | N/A | ND | ND |
| Pulegone | 0.0 <mark>03 / 0.011</mark> | N/A | ND | ND |
| TOTAL TERPENOIDS 630.256 mg/g | | | | 63.0256% |