

SAMPLE DETAILS
SAMPLE NAME: Cannabis Terpenes | Suver Haze

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: 250416S027

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: 0.0223%

Sum of Cannabinoids: 0.0223%

Total Cannabinoids: 0.0223%

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: 74.6446%

● Myrcene 343.769 mg/g

● β -Caryophyllene 98.071 mg/g

● Limonene 55.101 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^9 -THC+0.877*THCa)

TOTAL CBD: 0.0223%

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 0.0223%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -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	±0.0083	0.223	0.0223
Δ^9 -THC	0.002 / 0.014	N/A	ND	ND
Δ^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
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			0.223 mg/g	0.0223%

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	±3.4377	343.769	34.3769
β -Caryophyllene	0.004 / 0.012	±2.7166	98.071	9.8071
Limonene	0.005 / 0.036	±0.6116	55.101	5.5101
β -Ocimene	0.006 / 0.025	±1.1841	47.363	4.7363
α -Pinene	0.005 / 0.036	±0.2784	41.545	4.1545
α -Humulene	0.009 / 0.180	±0.9602	38.406	3.8406
Terpinolene	0.008 / 0.036	±0.4322	27.184	2.7184
β -Pinene	0.004 / 0.014	±0.2236	25.126	2.5126
Terpineol	0.009 / 0.031	±0.9379	19.621	1.9621
Linalool	0.009 / 0.036	±0.5105	17.245	1.7245
Valencene	0.009 / 0.180	±0.4047	7.550	0.7550
trans- β -Farnesene	0.008 / 0.025	±0.1533	5.556	0.5556
Fenchol	0.010 / 0.036	±0.0874	2.903	0.2903

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

3 Limonene

A monoterpene with a fragrance that can be described as orangey, citrusy, sweet and tart. It is most commonly found in nature as D-Limonene and is a primary contributor to the distinct scent of orange peels, from which it is commonly derived. Found in numerous pines, red maple, silver maple, aspens, cottonwoods, hemlocks, sumac, cedar, junipers...etc.

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Caryophyllene Oxide	0.010 / 0.033	±0.1026	2.865	0.2865
α-Bisabolol	0.008 / 0.026	±0.0825	1.988	0.1988
Guaiol	0.009 / 0.030	±0.0694	1.890	0.1890
Eucalyptol	0.006 / 0.018	±0.0352	1.788	0.1788
Camphene	0.005 / 0.015	±0.0128	1.418	0.1418
Nerolidol	0.006 / 0.021	±0.0592	1.209	0.1209
γ-Terpinene	0.006 / 0.018	±0.0143	1.061	0.1061
α-Phellandrene	0.006 / 0.036	±0.0104	0.984	0.0984
α-Terpinene	0.005 / 0.017	±0.0107	0.923	0.0923
Δ ³ -Carene	0.005 / 0.018	±0.0089	0.803	0.0803
Borneol	0.005 / 0.016	±0.0260	0.796	0.0796
Fenchone	0.009 / 0.036	±0.0110	0.485	0.0485
p-Cymene	0.005 / 0.016	±0.0092	0.438	0.0438
Sabinene Hydrate	0.006 / 0.036	±0.0056	0.187	0.0187
Citronellol	0.003 / 0.036	±0.0043	0.114	0.0114
Nerol	0.003 / 0.036	±0.0020	0.057	0.0057
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
Geraniol	0.002 / 0.036	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 / 0.036	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
TOTAL TERPENOIDS			746.446 mg/g	74.6446%