

SAMPLE DETAILS

SAMPLE NAME: Cannabis Terpenes | Super Sour

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: 250416S024

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: **0.0176%**Sum of Cannabinoids: **0.0176%**Total Cannabinoids: **0.0176%**

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 = Δ^9 -THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN
Total Cannabinoids = (Δ^9 -THC + 0.877*THCa) + (CBD + 0.877*CBDa) + (CBG + 0.877*CBGa) + (THCV + 0.877*THCVa) + (CBC + 0.877*CBCa) + (CBDV + 0.877*CBDVa) + Δ^8 -THC + CBL + CBN

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: **70.4789%**

● Myrcene 243.096 mg/g ● Terpinolene 191.155 mg/g ● Limonene 53.955 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 (Δ⁹-THC+0.877*THCa)

TOTAL CBD: 0.0176%

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 0.0176%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ⁸-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	±0.0066	0.176	0.0176
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			0.176 mg/g	0.0176%

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	±2.4310	243.096	24.3096
Terpinolene	0.008 / 0.036	±3.0394	191.155	19.1155
Limonene	0.005 / 0.036	±0.5989	53.955	5.3955
β-Caryophyllene	0.004 / 0.012	±1.2765	46.083	4.6083
β-Ocimene	0.006 / 0.025	±1.0808	43.230	4.3230
α-Pinene	0.005 / 0.036	±0.2490	37.159	3.7159
β-Pinene	0.004 / 0.014	±0.2641	29.678	2.9678
α-Humulene	0.009 / 0.180	±0.3759	15.035	1.5035
α-Phellandrene	0.006 / 0.036	±0.0740	6.980	0.6980
Δ ³ -Carene	0.005 / 0.018	±0.0759	6.836	0.6836
α-Terpinene	0.005 / 0.017	±0.0599	5.165	0.5165
γ-Terpinene	0.006 / 0.018	±0.0525	3.886	0.3886
Valencene	0.009 / 0.180	±0.2043	3.811	0.3811

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Terpenoid Analysis *Continued*
TERPENOID TEST RESULTS - 04/20/2025 *continued*
2 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 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 (%)
Linalool	0.009 / 0.036	± 0.0984	3.326	0.3326
Eucalyptol	0.006 / 0.018	± 0.0393	1.995	0.1995
Caryophyllene Oxide	0.010 / 0.033	± 0.0707	1.974	0.1974
Fenchol	0.010 / 0.036	± 0.0588	1.955	0.1955
p-Cymene	0.005 / 0.016	± 0.0371	1.773	0.1773
Terpineol	0.009 / 0.031	± 0.0688	1.440	0.1440
Camphene	0.005 / 0.015	± 0.0113	1.250	0.1250
Sabinene	0.004 / 0.014	± 0.0094	1.010	0.1010
trans- β -Farnesene	0.008 / 0.025	± 0.0256	0.929	0.0929
α -Bisabolol	0.008 / 0.026	± 0.0285	0.687	0.0687
Guaiol	0.009 / 0.030	± 0.0251	0.684	0.0684
Borneol	0.005 / 0.016	± 0.0147	0.451	0.0451
Citronellol	0.003 / 0.036	± 0.0134	0.352	0.0352
Sabinene Hydrate	0.006 / 0.036	± 0.0100	0.332	0.0332
Nerolidol	0.006 / 0.021	± 0.0147	0.299	0.0299
Geranyl Acetate	0.004 / 0.036	± 0.0058	0.178	0.0178
Nerol	0.003 / 0.036	± 0.0015	0.044	0.0044
Geraniol	0.002 / 0.036	± 0.0014	0.041	0.0041
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
Fenchone	0.009 / 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
TOTAL TERPENOIDS			704.789 mg/g	70.4789%