

SAMPLE NAME: Terpene - Suver Haze

Concentrate, Hemp

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Earthy Now

License Number:

Address:

SAMPLE DETAIL

Batch Number:

Sample ID: 211122U020

Date Collected: 11/22/2021

Date Received: 11/22/2021

Batch Size:

Sample Size: 3.0 units

Unit Mass:

Serving Size:

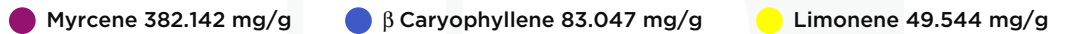


Scan QR code to verify authenticity of results.

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: **73.9319%**



For quality assurance purposes. Not a Pre-Harvest 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 16 Effect Date January 16, 2019. Authority: Section 26013, 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)

Carrie Stone
 LQC verified by: Carrie Stone
 Date: 11/25/2021

Josh Wurzer
 Approved by: Josh Wurzer, President
 Date: 11/25/2021

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.

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.

TERPENOID TEST RESULTS - 11/25/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Myrcene	0.008 / 0.025	±4.9296	382.142	38.2142
β Caryophyllene	0.004 / 0.012	±2.9565	83.047	8.3047
Limonene	0.005 / 0.016	±0.7085	49.544	4.9544
Ocimene	0.011 / 0.038	±1.4484	45.120	4.5120
α Pinene	0.005 / 0.017	±0.3609	41.969	4.1969
α Humulene	0.009 / 0.029	±1.0224	31.850	3.1850
Terpinolene	0.008 / 0.026	±0.4849	23.654	2.3654
β Pinene	0.004 / 0.014	±0.2693	23.419	2.3419
Terpineol	0.016 / 0.055	±1.1113	18.099	1.8099
Linalool	0.009 / 0.032	±0.5656	14.883	1.4883
trans-β-Farnesene	0.008 / 0.025	±0.2535	7.140	0.7140
Fenchol	0.010 / 0.034	±0.0987	2.551	0.2551
Caryophyllene Oxide	0.010 / 0.033	±0.0867	1.884	0.1884
α Bisabolol	0.008 / 0.026	±0.0943	1.765	0.1765
Guaiol	0.009 / 0.030	±0.0780	1.652	0.1652
Eucalyptol	0.006 / 0.018	±0.0368	1.455	0.1455
Nerolidol	0.009 / 0.028	±0.0861	1.369	0.1369
Camphene	0.005 / 0.015	±0.0155	1.346	0.1346
γ Terpinene	0.006 / 0.018	±0.0190	1.099	0.1099
α Phellandrene	0.006 / 0.020	±0.0144	1.059	0.1059
Valencene	0.009 / 0.030	±0.0567	0.823	0.0823
α Terpinene	0.005 / 0.017	±0.0117	0.785	0.0785
3 Carene	0.005 / 0.018	±0.0101	0.708	0.0708
Fenchone	0.009 / 0.028	±0.0162	0.558	0.0558
Borneol	0.005 / 0.016	±0.0186	0.442	0.0442
Sabinene	0.004 / 0.014	±0.0037	0.310	0.0310
p-Cymene	0.005 / 0.016	±0.0076	0.281	0.0281
Sabinene Hydrate	0.006 / 0.022	±0.0057	0.147	0.0147
Citronellol	0.003 / 0.010	±0.0066	0.135	0.0135
Geraniol	0.002 / 0.007	±0.0037	0.083	0.0083
(-)-Isopulegol	0.005 / 0.016	N/A	ND	ND
Camphor	0.006 / 0.019	N/A	ND	ND
Isoborneol	0.004 / 0.012	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
Nerol	0.003 / 0.011	N/A	ND	ND
R-(+)-Pulegone	0.003 / 0.011	N/A	ND	ND
Geranyl Acetate	0.004 / 0.014	N/A	ND	ND
α Cedrene	0.005 / 0.016	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPENOIDS			739.319 mg/g	73.9319%

