

SAMPLE NAME: Terpene - Lifter

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:** 211122U024**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: 79.7467%

● Myrcene 473.619 mg/g ● Ocimene 94.722 mg/g ● β Caryophyllene 48.160 mg/g

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 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, tulsii, 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 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 - 11/25/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Myrcene	0.008 / 0.025	±6.1097	473.619	47.3619
Ocimene	0.011 / 0.038	±3.0406	94.722	9.4722
β Caryophyllene	0.004 / 0.012	±1.7145	48.160	4.8160
Limonene	0.005 / 0.016	±0.6440	45.038	4.5038
α Pinene	0.005 / 0.017	±0.2578	29.973	2.9973
Terpineol	0.016 / 0.055	±1.4600	23.779	2.3779
trans-β-Farnesene	0.008 / 0.025	±0.6736	18.975	1.8975
β Pinene	0.004 / 0.014	±0.1926	16.748	1.6748
α Humulene	0.009 / 0.029	±0.5301	16.514	1.6514
Linalool	0.009 / 0.032	±0.4078	10.732	1.0732
Terpinolene	0.008 / 0.026	±0.1414	6.897	0.6897
Fenchol	0.010 / 0.034	±0.0805	2.080	0.2080
Guaiol	0.009 / 0.030	±0.0754	1.597	0.1597
Caryophyllene Oxide	0.010 / 0.033	±0.0658	1.431	0.1431
α Bisabolol	0.008 / 0.026	±0.0625	1.170	0.1170
Camphene	0.005 / 0.015	±0.0124	1.076	0.1076
Valencene	0.009 / 0.030	±0.0582	0.845	0.0845
Nerolidol	0.009 / 0.028	±0.0504	0.802	0.0802
γ Terpinene	0.006 / 0.018	±0.0117	0.677	0.0677
Borneol	0.005 / 0.016	±0.0242	0.576	0.0576
Fenchone	0.009 / 0.028	±0.0139	0.476	0.0476
α Phellandrene	0.006 / 0.020	±0.0056	0.412	0.0412
3 Carene	0.005 / 0.018	±0.0046	0.327	0.0327
α Terpinene	0.005 / 0.017	±0.0048	0.319	0.0319
p-Cymene	0.005 / 0.016	±0.0052	0.193	0.0193
Sabinene	0.004 / 0.014	±0.0016	0.131	0.0131
Eucalyptol	0.006 / 0.018	±0.0028	0.112	0.0112
Geraniol	0.002 / 0.007	±0.0038	0.086	0.0086
Sabinene Hydrate	0.006 / 0.022	N/A	<LOQ	<LOQ
(-)-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
Citronellol	0.003 / 0.010	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			797.467 mg/g	79.7467%

