

SAMPLE NAME: Terpene - Sour 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: 211122U018

Date Collected: 11/22/2021

Date Received: 11/22/2021

Batch Size:

Sample Size: 3.0 units

Unit Mass:

Serving Size:

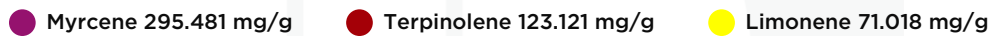


Scan QR code to verify authenticity of results.

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: **71.3886%**



● Myrcene 295.481 mg/g

● Terpinolene 123.121 mg/g

● Limonene 71.018 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 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.

TERPENOID TEST RESULTS - 11/24/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Myrcene	0.008 / 0.025	±3.8117	295.481	29.5481
Terpinolene	0.008 / 0.026	±2.5240	123.121	12.3121
Limonene	0.005 / 0.016	±1.0156	71.018	7.1018
β Caryophyllene	0.004 / 0.012	±2.3029	64.689	6.4689
Ocimene	0.011 / 0.038	±1.8408	57.345	5.7345
α Humulene	0.009 / 0.029	±0.6630	20.654	2.0654
β Pinene	0.004 / 0.014	±0.2152	18.711	1.8711
α Pinene	0.005 / 0.017	±0.1100	12.790	1.2790
Terpineol	0.016 / 0.055	±0.7100	11.563	1.1563
Linalool	0.009 / 0.032	±0.2977	7.834	0.7834
3 Carene	0.005 / 0.018	±0.0716	5.040	0.5040
α Phellandrene	0.006 / 0.020	±0.0666	4.895	0.4895
α Terpinene	0.005 / 0.017	±0.0497	3.333	0.3333
Fenchol	0.010 / 0.034	±0.1186	3.064	0.3064
γ Terpinene	0.006 / 0.018	±0.0445	2.573	0.2573
p-Cymene	0.005 / 0.016	±0.0470	1.749	0.1749
Caryophyllene Oxide	0.010 / 0.033	±0.0710	1.543	0.1543
trans- β -Farnesene	0.008 / 0.025	±0.0542	1.527	0.1527
Eucalyptol	0.006 / 0.018	±0.0372	1.471	0.1471
Camphene	0.005 / 0.015	±0.0139	1.211	0.1211
Sabinene	0.004 / 0.014	±0.0085	0.706	0.0706
Valencene	0.009 / 0.030	±0.0479	0.695	0.0695
Borneol	0.005 / 0.016	±0.0225	0.536	0.0536
Fenchone	0.009 / 0.028	±0.0134	0.462	0.0462
α Bisabolol	0.008 / 0.026	±0.0243	0.455	0.0455
Guaiol	0.009 / 0.030	±0.0172	0.364	0.0364
Isoborneol	0.004 / 0.012	±0.0116	0.287	0.0287
Sabinene Hydrate	0.006 / 0.022	±0.0108	0.279	0.0279
Nerolidol	0.009 / 0.028	±0.0125	0.199	0.0199
α Cedrene	0.005 / 0.016	±0.0058	0.192	0.0192
Geraniol	0.002 / 0.007	±0.0023	0.053	0.0053
Geranyl Acetate	0.004 / 0.014	±0.0019	0.046	0.0046
(-)-Isopulegol	0.005 / 0.016	N/A	ND	ND
Camphor	0.006 / 0.019	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
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPENOIDS			713.886 mg/g	71.3886%

