

SAMPLE NAME: Terpene - Sour Suver

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: 211122U016

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: **76.4971%**



Myrcene 306.153 mg/g



Terpinolene 138.118 mg/g




Limonene 71.077 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)


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


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	±3.9494	306.153	30.6153
Terpinolene	0.008 / 0.026	±2.8314	138.118	13.8118
Limonene	0.005 / 0.016	±1.0164	71.077	7.1077
β Caryophyllene	0.004 / 0.012	±2.1800	61.235	6.1235
Ocimene	0.011 / 0.038	±1.8945	59.019	5.9019
α Pinene	0.005 / 0.017	±0.1891	21.987	2.1987
α Humulene	0.009 / 0.029	±0.6480	20.186	2.0186
β Pinene	0.004 / 0.014	±0.2251	19.575	1.9575
Terpineol	0.016 / 0.055	±1.0515	17.126	1.7126
trans- β -Farnesene	0.008 / 0.025	±0.3421	9.638	0.9638
Linalool	0.009 / 0.032	±0.3278	8.625	0.8625
α Phellandrene	0.006 / 0.020	±0.0758	5.577	0.5577
3 Carene	0.005 / 0.018	±0.0646	4.549	0.4549
α Terpinene	0.005 / 0.017	±0.0568	3.814	0.3814
γ Terpinene	0.006 / 0.018	±0.0470	2.718	0.2718
Fenchol	0.010 / 0.034	±0.1023	2.643	0.2643
Guaiol	0.009 / 0.030	±0.0994	2.106	0.2106
α Cedrene	0.005 / 0.016	±0.0402	1.340	0.1340
Eucalyptol	0.006 / 0.018	±0.0338	1.335	0.1335
Caryophyllene Oxide	0.010 / 0.033	±0.0597	1.298	0.1298
Camphene	0.005 / 0.015	±0.0134	1.165	0.1165
p-Cymene	0.005 / 0.016	±0.0271	1.007	0.1007
α Bisabolol	0.008 / 0.026	±0.0486	0.910	0.0910
Valencene	0.009 / 0.030	±0.0582	0.845	0.0845
Fenchone	0.009 / 0.028	±0.0184	0.633	0.0633
Borneol	0.005 / 0.016	±0.0242	0.577	0.0577
Sabinene	0.004 / 0.014	±0.0068	0.564	0.0564
Nerolidol	0.009 / 0.028	±0.0338	0.538	0.0538
Sabinene Hydrate	0.006 / 0.022	±0.0099	0.255	0.0255
Isoborneol	0.004 / 0.012	±0.0079	0.196	0.0196
Geraniol	0.002 / 0.007	±0.0071	0.162	0.0162
(-)-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
Geranyl Acetate	0.004 / 0.014	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPENOIDS			764.971 mg/g	76.4971%

