

SAMPLE NAME: Terpene Lifter

Other

CULTIVATOR / MANUFACTURER**Business Name:****License Number:****Address:****DISTRIBUTOR / TESTED FOR****Business Name:** Earthy Now**License Number:****Address:****SAMPLE DETAIL****Batch Number:****Sample ID:** 230104P034**Date Collected:** 01/04/2023**Date Received:** 01/04/2023**Batch Size:****Sample Size:** 7.5 units**Unit Mass:****Serving Size:**Scan QR code to verify
authenticity of results.**TERPENOID ANALYSIS - SUMMARY**

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 79.6077%**Myrcene** 492.054 mg/g**β-Ocimene** 92.354 mg/g**β-Caryophyllene** 46.386 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)

LQC verified by: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 01/07/2023Approved by: Josh Wurzer
Job Title: President
Date: 01/07/2023



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-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 - 01/07/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Myrcene	0.008 / 0.025	±4.9205	492.054	49.2054
β-Ocimene	0.006 / 0.020	±2.3089	92.354	9.2354
β-Caryophyllene	0.004 / 0.012	±1.2849	46.386	4.6386
Limonene	0.005 / 0.016	±0.4991	44.967	4.4967
α-Pinene	0.005 / 0.017	±0.2049	30.575	3.0575
Terpineol	0.009 / 0.031	±1.0227	21.396	2.1396
β-Pinene	0.004 / 0.014	±0.1488	16.720	1.6720
α-Humulene	0.009 / 0.029	±0.4057	16.229	1.6229
trans-β-Farnesene	0.008 / 0.025	±0.4057	14.701	1.4701
Linalool	0.009 / 0.032	±0.2874	9.709	0.9709
Terpinolene	0.008 / 0.026	±0.0509	3.203	0.3203
Fenchol	0.010 / 0.034	±0.0554	1.839	0.1839
Guaiol	0.009 / 0.030	±0.0452	1.231	0.1231
Caryophyllene Oxide	0.010 / 0.033	±0.0438	1.224	0.1224
Camphene	0.005 / 0.015	±0.0089	0.988	0.0988
α-Bisabolol	0.008 / 0.026	±0.0344	0.830	0.0830
Borneol	0.005 / 0.016	±0.0154	0.472	0.0472
Fenchone	0.009 / 0.028	±0.0087	0.386	0.0386
Nerolidol	0.006 / 0.019	±0.0136	0.277	0.0277
α-Phellandrene	0.006 / 0.020	±0.0020	0.189	0.0189
γ-Terpinene	0.006 / 0.018	±0.0013	0.093	0.0093
α-Terpinene	0.005 / 0.017	±0.0008	0.068	0.0068
Citronellol	0.003 / 0.010	±0.0019	0.050	0.0050
Sabinene	0.004 / 0.014	±0.0004	0.045	0.0045
Eucalyptol	0.006 / 0.018	±0.0007	0.038	0.0038
Sabinene Hydrate	0.006 / 0.022	±0.0010	0.032	0.0032
Nerol	0.003 / 0.011	±0.0007	0.021	0.0021
Δ ³ -Carene	0.005 / 0.018	N/A	ND	ND
p-Cymene	0.005 / 0.016	N/A	ND	ND
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
Pulegone	0.003 / 0.011	N/A	ND	ND
Geraniol	0.002 / 0.007	N/A	ND	ND
Geranyl Acetate	0.004 / 0.014	N/A	ND	ND
α-Cedrene	0.005 / 0.016	N/A	ND	ND
Valencene	0.009 / 0.030	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPENOIDS			796.077 mg/g	79.6077%