

SAMPLE NAME: Terpene Suver Haze

Other

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Earthy Now

License Number:
Address:
SAMPLE DETAIL
Batch Number:
Sample ID: 230104P037

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: 77.0709%

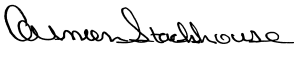
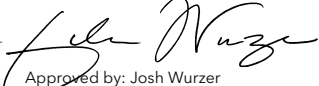
● Myrcene 399.425 mg/g
 ● β-Caryophyllene 86.511 mg/g
 ● Limonene 54.236 mg/g

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: Carmen Stackhouse
 Job Title: Senior Laboratory Analyst
 Date: 01/08/2023

Approved by: Josh Wurzer
 Job Title: President
 Date: 01/08/2023



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-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.

Deviations¹ see Notes

TERPENOID TEST RESULTS - 01/08/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Myrcene	0.008 / 0.025	±3.9943	399.425	39.9425
β-Caryophyllene	0.004 / 0.012	±2.3964	86.511	8.6511
Limonene	0.005 / 0.016	±0.6020	54.236	5.4236
β-Ocimene	0.006 / 0.020	±1.1671	46.684	4.6684
α-Pinene	0.005 / 0.017	±0.3052	45.558	4.5558
α-Humulene	0.009 / 0.029	±0.8498	33.990	3.3990
Terpinolene	0.008 / 0.026	±0.4157	26.146	2.6146
β-Pinene	0.004 / 0.014	±0.2286	25.691	2.5691
Terpineol	0.009 / 0.031	±0.8109	16.965	1.6965
Linalool	0.009 / 0.032	±0.4221	14.259	1.4259
trans-β-Farnesene	0.008 / 0.025	±0.1552	5.623	0.5623
Fenchol	0.010 / 0.034	±0.0709	2.355	0.2355
Caryophyllene Oxide	0.010 / 0.033	±0.0575	1.606	0.1606
Eucalyptol	0.006 / 0.018	±0.0312	1.583	0.1583
Camphene	0.005 / 0.015	±0.0119	1.320	0.1320
α-Bisabolol	0.008 / 0.026	±0.0529	1.274	0.1274
Guaiol	0.009 / 0.030	±0.0466	1.271	0.1271
α-Phellandrene	0.006 / 0.020	±0.0105	0.987	0.0987
γ-Terpinene	0.006 / 0.018	±0.0126	0.933	0.0933
α-Terpinene	0.005 / 0.017	±0.0102	0.881	0.0881
Valencene	0.009 / 0.030	±0.0373	0.696	0.0696
Δ ³ -Carene	0.005 / 0.018	±0.0074	0.671	0.0671
Borneol	0.005 / 0.016	±0.0190	0.582	0.0582
Fenchone	0.009 / 0.028	±0.0105	0.463	0.0463
Nerolidol	0.006 / 0.019	±0.0199	0.406	0.0406
Sabinene	0.004 / 0.014	±0.0019	0.209	0.0209
p-Cymene	0.005 / 0.016	±0.0030	0.144	0.0144
Sabinene Hydrate	0.006 / 0.022	±0.0040	0.134	0.0134
Citronellol	0.003 / 0.010	±0.0030	0.080	0.0080
Nerol	0.003 / 0.011	±0.0009	0.026	0.0026
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
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPENOIDS			770.709 mg/g	77.0709%

NOTES

1. Deviations: Preparation mass outside of normal acceptance range.