

SAMPLE NAME: Terpene Hawaiian 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: 230104P038

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: **62.2596%**

Myrcene 395.597 mg/g

 α -Pinene 77.730 mg/g

Limonene 39.402 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: 01/08/2023Approved 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 α-Pinene
 One of two isomers of the monoterpene Pinene, the most abundant terpene in the natural world. It is responsible for the distinct aroma of many coniferous trees, particularly pines, from which it derives its name. It is a primary constituent of turpentine. Found in pines, rose gun, parsley, frankincense, guava, juniper, rosemary, nutmeg, blue gum, valerian...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	±3.9560	395.597	39.5597
α-Pinene	0.005 / 0.017	±0.5208	77.730	7.7730
Limonene	0.005 / 0.016	±0.4374	39.402	3.9402
β-Pinene	0.004 / 0.014	±0.3172	35.643	3.5643
β-Caryophyllene	0.004 / 0.012	±0.8007	28.905	2.8905
β-Ocimene	0.006 / 0.020	±0.2852	11.406	1.1406
α-Humulene	0.009 / 0.029	±0.2235	8.940	0.8940
Terpineol	0.009 / 0.031	±0.2572	5.380	0.5380
Linalool	0.009 / 0.032	±0.1290	4.357	0.4357
Terpinolene	0.008 / 0.026	±0.0509	3.201	0.3201
trans-β-Farnesene	0.008 / 0.025	±0.0808	2.926	0.2926
Fenchol	0.010 / 0.034	±0.0582	1.934	0.1934
Camphene	0.005 / 0.015	±0.0159	1.763	0.1763
Caryophyllene Oxide	0.010 / 0.033	±0.0362	1.010	0.1010
Guaiol	0.009 / 0.030	±0.0258	0.703	0.0703
Valencene	0.009 / 0.030	±0.0340	0.634	0.0634
Eucalyptol	0.006 / 0.018	±0.0099	0.501	0.0501
Borneol	0.005 / 0.016	±0.0154	0.470	0.0470
Sabinene	0.004 / 0.014	±0.0043	0.459	0.0459
Fenchone	0.009 / 0.028	±0.0089	0.394	0.0394
α-Bisabolol	0.008 / 0.026	±0.0119	0.287	0.0287
γ-Terpinene	0.006 / 0.018	±0.0035	0.257	0.0257
α-Phellandrene	0.006 / 0.020	±0.0019	0.179	0.0179
Citronellol	0.003 / 0.010	±0.0054	0.142	0.0142
Sabinene Hydrate	0.006 / 0.022	±0.0037	0.124	0.0124
α-Terpinene	0.005 / 0.017	±0.0011	0.094	0.0094
Nerolidol	0.006 / 0.019	±0.0040	0.081	0.0081
p-Cymene	0.005 / 0.016	±0.0010	0.048	0.0048
Nerol	0.003 / 0.011	±0.0010	0.029	0.0029
Δ ³ -Carene	0.005 / 0.018	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
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			622.596 mg/g	62.2596%

NOTES

1. Deviations: Preparation mass outside of normal acceptance range