

SAMPLE NAME: HHC Pineapple Paradise

Concentrate, Product Inhalable

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Hazy Ape

License Number:
Address:

SAMPLE DETAIL
Batch Number: HHCPP1G230419

Sample ID: 230512L031

Date Collected: 05/12/2023

Date Received: 05/12/2023

Batch Size:
Sample Size:
Unit Mass:
Serving Size:


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: **Not Detected**
Total CBD: **Not Detected**
Sum of Cannabinoids: **75.09%**
Total Cannabinoids: **75.09%**

Total THC/CBD is calculated using the following formulas to take into

account the loss of a carboxyl group during the decarboxylation step:

 Total THC = Δ^9 -THC + (THCa (0.877))


Total CBD = CBD + (CBDa (0.877))

 Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa +
 THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN +
 exo-THC + Δ^8 -THCV + Δ^8 -iso-THC + 9S-HHC + 9R-HHC + Δ^{10} -THC +
 Δ^9 -THC Acetate

 Total Cannabinoids = (Δ^9 -THC+0.877*THCa) + (CBD+0.877*CBDa) +
 (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) +
 (CBDV+0.877*CBDVa) + Δ^8 -THC + CBL + CBN + exo-THC + Δ^8 -THCV +
 Δ^8 -iso-THC + 9S-HHC + 9R-HHC + Δ^{10} -THC + Δ^9 -THC Acetate

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

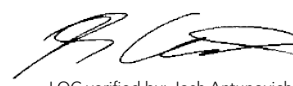
Total Terpenoids: **3.2592%**

 α -Pinene 7.041 mg/g
 Myrcene 5.492 mg/g
 Limonene 5.185 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.

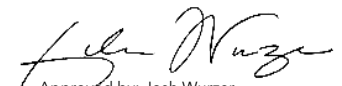
Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

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: Josh Antunovich
 Job Title: Laboratory Manager
 Date: 05/16/2023



Approved by: Josh Wurzer
 Job Title: Chief Compliance Officer
 Date: 05/16/2023



Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

†Analytes not part of our ISO/IEC 17025 scope of accreditation.

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD or QSP 34181 - Semisynthetic Cannabinoids Analysis by HPLC

TOTAL THC: **Not Detected**

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: **Not Detected**

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: **75.09%**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN + exo-THC + Δ^8 -THCV + Δ^8 -iso-THC + 9S-HHC + 9R-HHC + Δ^{10} -THC + Δ^9 -THC Acetate

TOTAL CBG: **ND**

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: **ND**

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: **ND**

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: **ND**

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 05/16/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
9R-HHC†	0.116 / 0.388	±17.7042	700.046	70.0046
9S-HHC†	0.056 / 0.186	±1.4732	47.755	4.7755
Δ^8 -THC	0.1 / 0.4	±0.19	3.1	0.31
Δ^9 -THC	0.06 / 0.26	N/A	ND	ND
THCa	0.05 / 0.14	N/A	ND	ND
THCV	0.1 / 0.2	N/A	ND	ND
THCVa	0.07 / 0.20	N/A	ND	ND
CBD	0.07 / 0.29	N/A	ND	ND
CBDA	0.02 / 0.19	N/A	ND	ND
CBDV	0.04 / 0.15	N/A	ND	ND
CBDVa	0.03 / 0.53	N/A	ND	ND
CBG	0.06 / 0.19	N/A	ND	ND
CBGa	0.1 / 0.2	N/A	ND	ND
CBL	0.06 / 0.24	N/A	ND	ND
CBN	0.1 / 0.3	N/A	ND	ND
CBC	0.2 / 0.5	N/A	ND	ND
CBCa	0.07 / 0.28	N/A	ND	ND
Δ^{10} -THC†	0.083 / 0.276	N/A	ND	ND
Δ^8 -iso-THC†	0.053 / 0.176	N/A	ND	ND
Δ^8 -THCV†	0.081 / 0.270	N/A	ND	ND
Δ^9 -THC Acetate†	0.091 / 0.305	N/A	ND	ND
exo-THC†	0.116 / 0.386	N/A	ND	ND
SUM OF CANNABINOIDS			750.9 mg/g	75.09%

Terpenoid Analysis

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID).

Method: QSP 1192 - Analysis of Terpenoids by GC-FID

TERPENOID TEST RESULTS - 05/16/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
α -Pinene	0.005 / 0.017	±0.0472	7.041	0.7041
Myrcene	0.008 / 0.025	±0.0549	5.492	0.5492
Limonene	0.005 / 0.016	±0.0576	5.185	0.5185
β -Pinene	0.004 / 0.014	±0.0418	4.692	0.4692
β -Caryophyllene	0.004 / 0.012	±0.1012	3.653	0.3653
α -Humulene	0.009 / 0.029	±0.0419	1.674	0.1674
Terpinolene	0.008 / 0.026	±0.0178	1.121	0.1121
α -Bisabolol	0.008 / 0.026	±0.0203	0.489	0.0489
γ -Terpinene	0.006 / 0.018	±0.0065	0.485	0.0485

Continued on next page



Terpenoid Analysis *Continued*

TERPENOID TEST RESULTS - 05/16/2023 *continued*

1

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.

2

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.

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.

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
α-Phellandrene	0.006 / 0.020	±0.0041	0.388	0.0388
trans-β-Farnesene	0.008 / 0.025	±0.0105	0.380	0.0380
Linalool	0.009 / 0.032	±0.0104	0.351	0.0351
Nerolidol	0.006 / 0.019	±0.0153	0.313	0.0313
Caryophyllene Oxide	0.010 / 0.033	±0.0098	0.274	0.0274
Valencene	0.009 / 0.030	±0.0131	0.245	0.0245
Camphene	0.005 / 0.015	±0.0014	0.153	0.0153
Fenchol	0.010 / 0.034	±0.0033	0.109	0.0109
Terpineol	0.009 / 0.031	±0.0043	0.090	0.0090
p-Cymene	0.005 / 0.016	±0.0018	0.086	0.0086
α-Cedrene	0.005 / 0.016	±0.0017	0.071	0.0071
Δ ³ -Carene	0.005 / 0.018	±0.0007	0.063	0.0063
β-Ocimene	0.006 / 0.020	±0.0012	0.048	0.0048
Geraniol	0.002 / 0.007	±0.0013	0.037	0.0037
Isopulegol	0.005 / 0.016	±0.0011	0.036	0.0036
Menthol	0.008 / 0.025	±0.0008	0.026	0.0026
Citronellol	0.003 / 0.010	±0.0008	0.022	0.0022
Camphor	0.006 / 0.019	±0.0006	0.021	0.0021
α-Terpinene	0.005 / 0.017	±0.0002	0.020	0.0020
Nerol	0.003 / 0.011	±0.0005	0.014	0.0014
Isoborneol	0.004 / 0.012	±0.0004	0.013	0.0013
Pulegone	0.003 / 0.011	N/A	<LOQ	<LOQ
Sabinene	0.004 / 0.014	N/A	ND	ND
Eucalyptol	0.006 / 0.018	N/A	ND	ND
Sabinene Hydrate	0.006 / 0.022	N/A	ND	ND
Fenchone	0.009 / 0.028	N/A	ND	ND
Borneol	0.005 / 0.016	N/A	ND	ND
Geranyl Acetate	0.004 / 0.014	N/A	ND	ND
Guaiol	0.009 / 0.030	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPENOIDS			32.592 mg/g	3.2592%