

SAMPLE NAME: FS PUFF Banana Kush

Concentrate, Hemp

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: AVIDA CBD

License Number:

Address:
CA



SAMPLE DETAIL

Batch Number: FSPBK400220208

Sample ID: 220308M018

Date Collected: 03/08/2022

Date Received: 03/08/2022

Batch Size:

Sample Size:

Unit Mass:

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.087%

Total CBD: 46.958%

Sum of Cannabinoids: 58.79%

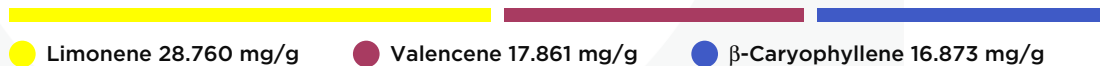
Total Cannabinoids: 58.79%

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
 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

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 10.9543%



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 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)

Anastasia Reiniak
 LQC verified by: Anastasia Reiniak
 Date: 03/09/2022

Josh Wurzer
 Approved by: Josh Wurzer, President
 Date: 03/09/2022



Cannabinoid Analysis

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

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 0.087%

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 46.958%

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 58.79%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: 8.396%

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.05%

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 3.30%

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 03/09/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.07 / 0.29	±16.905	469.58	46.958
CBG	0.06 / 0.19	±2.578	83.96	8.396
CBDV	0.04 / 0.15	±1.119	33.00	3.300
Δ^9 -THC	0.06 / 0.26	±0.023	0.87	0.087
CBC	0.2 / 0.5	±0.01	0.5	0.05
Δ^8 -THC	0.1 / 0.4	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
CBDA	0.02 / 0.19	N/A	ND	ND
CBDVa	0.03 / 0.53	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
CBCa	0.07 / 0.28	N/A	ND	ND
SUM OF CANNABINOIDS			587.9 mg/g	58.79%

Terpene Analysis

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

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

1 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 - 03/09/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Limonene	0.005 / 0.016	±0.3192	28.760	2.8760
Valencene	0.009 / 0.030	±0.9573	17.861	1.7861
β -Caryophyllene	0.004 / 0.012	±0.4674	16.873	1.6873
Myrcene	0.008 / 0.025	±0.1530	15.296	1.5296
α -Humulene	0.009 / 0.029	±0.1363	5.451	0.5451
β -Pinene	0.004 / 0.014	±0.0453	5.090	0.5090
α -Pinene	0.005 / 0.017	±0.0251	3.749	0.3749
α -Bisabolol	0.008 / 0.026	±0.1252	3.018	0.3018
Fenchol	0.010 / 0.034	±0.0715	2.376	0.2376
Linalool	0.009 / 0.032	±0.0542	1.830	0.1830
Terpineol	0.009 / 0.031	±0.0854	1.786	0.1786
trans- β -Farnesene	0.008 / 0.025	±0.0452	1.639	0.1639
Nerolidol	0.006 / 0.019	±0.0691	1.410	0.1410

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Terpenoid Analysis *Continued*

TERPENOID TEST RESULTS - 03/09/2022 *continued*

2

Valencene

A sesquiterpene with a fragrance that can be described as fresh, sweet, citrusy, oily, and woody. It lends its name from the Valencia orange, which in turn lends its name from Valencia, Spain. Found in citrus (chiefly orange and mandarin), oregano, beautyberry, germander...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.

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β-Ocimene	0.006 / 0.020	±0.0226	0.905	0.0905
Camphene	0.005 / 0.015	±0.0080	0.886	0.0886
Terpinolene	0.008 / 0.026	±0.0097	0.607	0.0607
Caryophyllene Oxide	0.010 / 0.033	±0.0193	0.538	0.0538
Isoborneol	0.004 / 0.012	±0.0106	0.338	0.0338
Citronellol	0.003 / 0.010	±0.0083	0.219	0.0219
Δ ³ -Carene	0.005 / 0.018	±0.0017	0.156	0.0156
α-Cedrene	0.005 / 0.016	±0.0034	0.145	0.0145
Camphor	0.006 / 0.019	±0.0027	0.099	0.0099
Nerol	0.003 / 0.011	±0.0034	0.099	0.0099
p-Cymene	0.005 / 0.016	±0.0014	0.069	0.0069
Geraniol	0.002 / 0.007	±0.0020	0.058	0.0058
Sabinene	0.004 / 0.014	±0.0005	0.052	0.0052
Guaiol	0.009 / 0.030	±0.0019	0.051	0.0051
α-Terpinene	0.005 / 0.017	±0.0006	0.048	0.0048
γ-Terpinene	0.006 / 0.018	±0.0006	0.048	0.0048
Menthol	0.008 / 0.025	±0.0015	0.048	0.0048
Isopulegol	0.005 / 0.016	±0.0012	0.038	0.0038
Eucalyptol	0.006 / 0.018	N/A	<LOQ	<LOQ
α-Phellandrene	0.006 / 0.020	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
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			109.543 mg/g	10.9543%