

SAMPLE NAME: Lavender Kush

Flower, Hemp

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Stoney Branch Ag

Ventures LLC

License Number:

Address:



SAMPLE DETAIL

Batch Number: 213

Sample ID: 241030S025

Date Collected: 10/30/2024

Date Received: 10/30/2024

Batch Size:

Sample Size:

Unit Mass:

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.73%

Total CBD: 15.49%

Sum of Cannabinoids: 19.93%

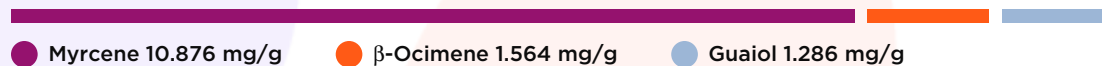
Total Cannabinoids: 17.6%

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: 1.8592%



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.

LQC verified by: *Carmen Stackhouse*
 Job Title: Senior Laboratory Analyst
 Date: 11/02/2024

Approved by: *Josh Wurzer*
 Job Title: Chief Compliance Officer
 Date: 11/02/2024

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)



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: 0.73%

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 15.49%

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 17.6%

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

TOTAL CBG: 0.6%

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.7%

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.084%

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 11/02/2024

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBDa	0.06 / 0.22	±5.547	168.59	16.859
THCa	0.04 / 0.24	±0.240	7.49	0.749
CBCa	0.1 / 0.4	±0.50	7.4	0.74
CBD	0.1 / 0.3	±0.30	7.0	0.70
CBGa	0.1 / 0.4	±0.31	5.7	0.57
CBG	0.2 / 0.5	±0.07	1.0	0.10
CBDVa	0.02 / 0.22	±0.009	0.96	0.096
Δ^9 -THC	0.1 / 0.4	±0.02	0.7	0.07
CBC	0.1 / 0.2	±0.02	0.5	0.05
Δ^8 -THC	0.05 / 0.50	N/A	ND	ND
THCV	0.07 / 0.21	N/A	ND	ND
THCVa	0.05 / 0.17	N/A	ND	ND
CBDV	0.1 / 0.3	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
CBN	0.07 / 0.20	N/A	ND	ND
SUM OF CANNABINOIDS			199.3 mg/g	19.93%

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.

TERPENOID TEST RESULTS - 11/02/2024

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Myrcene	0.007 / 0.025	±0.3850	10.876	1.0876
β -Ocimene	0.005 / 0.025	±0.0615	1.564	0.1564
Guaiol	0.011 / 0.035	±0.0700	1.286	0.1286
Limonene	0.005 / 0.016	±0.0390	1.197	0.1197
β -Caryophyllene	0.004 / 0.013	±0.0508	0.944	0.0944
α -Bisabolol	0.008 / 0.026	±0.0330	0.767	0.0767
Linalool	0.009 / 0.036	±0.0179	0.455	0.0455
α -Humulene	0.009 / 0.180	±0.0171	0.317	0.0317
α -Pinene	0.005 / 0.036	±0.0102	0.284	0.0284
β -Pinene	0.004 / 0.015	±0.0092	0.284	0.0284
Terpineol	0.008 / 0.025	±0.0103	0.168	0.0168
Fenchol	0.009 / 0.036	±0.0057	0.156	0.0156
Borneol	0.004 / 0.014	±0.0031	0.066	0.0066

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Terpenoid Analysis *Continued*

TERPENOID TEST RESULTS - 11/02/2024 *continued*

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, tulsi, mint, oregano, parsley, some orchids, mangoes, tarragon...etc.

3 Guaiol

A sesquiterpene alcohol with a fragrance that can be described as floral, piney, herbal and woody. Found in guaiacum, cypress pine, ginseng, melaleuca, goatweed, incense grass...etc.

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Caryophyllene Oxide	0.011 / 0.038	±0.0039	0.065	0.0065
Nerolidol	0.006 / 0.021	±0.0051	0.065	0.0065
trans-β-Farnesene	0.008 / 0.028	±0.0036	0.064	0.0064
Camphene	0.004 / 0.014	±0.0011	0.034	0.0034
α-Cedrene	0.005 / 0.017	N/A	<LOQ	<LOQ
Fenchone	0.008 / 0.036	N/A	<LOQ	<LOQ
γ-Terpinene	0.005 / 0.018	N/A	<LOQ	<LOQ
Sabinene Hydrate	0.007 / 0.036	N/A	<LOQ	<LOQ
Terpinolene	0.008 / 0.036	N/A	<LOQ	<LOQ
Valencene	0.010 / 0.180	N/A	<LOQ	<LOQ
α-Phellandrene	0.006 / 0.036	N/A	ND	ND
α-Terpinene	0.006 / 0.019	N/A	ND	ND
Camphor	0.005 / 0.036	N/A	ND	ND
Cedrol	0.009 / 0.032	N/A	ND	ND
Citronellol	0.003 / 0.036	N/A	ND	ND
Δ ³ -Carene	0.005 / 0.018	N/A	ND	ND
Eucalyptol	0.005 / 0.018	N/A	ND	ND
Geraniol	0.002 / 0.036	N/A	ND	ND
Geranyl Acetate	0.004 / 0.036	N/A	ND	ND
Isoborneol	0.003 / 0.011	N/A	ND	ND
Isopulegol	0.004 / 0.036	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
Nerol	0.003 / 0.036	N/A	ND	ND
p-Cymene	0.005 / 0.015	N/A	ND	ND
Pulegone	0.003 / 0.010	N/A	ND	ND
Sabinene	0.004 / 0.014	N/A	ND	ND
TOTAL TERPENOIDS			18.592 mg/g	1.8592%