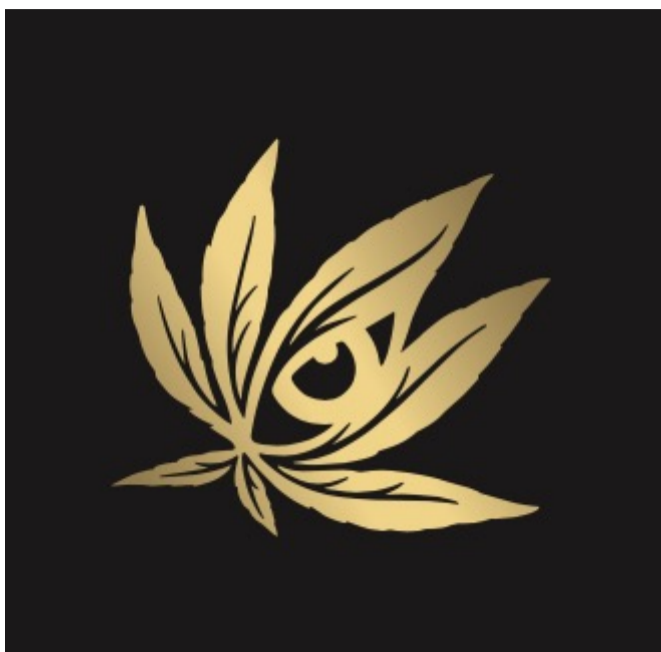


CERTIFICATE OF ANALYSIS | HEMP QUALITY ASSURANCE TEST



(https://sclaboratories.s3.amazonaws.com/sample_

🔍 Hover to Zoom In

Sample Name:

Secret Dream

Flower, Inhalable

Date Issued:

01/06/2020

Date Collected: 11/07/2019

Date Received: 11/08/2019

Sample Details

Sample ID: 191107K006

Batch Number:

Batch Size:

[Show Less](#)

Cultivator / Manufacturer

Business Name:

License Number:

Address:

[Hide Details](#)

Distributor / Tested For

Business Name: SN Holdings

License Number:

Address:

[See all samples \(/client/6957/\).](#)

[Hide Details](#)

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Easily share a link to this results page with your friends, followers, or business partners.

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Cannabinoid Analysis - Summary

[View Full Results](#)

Total THC: 0.6193%

Moisture: NT

Total CBD: 16.0376%

Density: NT

Sum of Cannabinoids: 20.7241%

Viscosity: NT

Total Cannabinoids: 18.2189%

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 = $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$

Total CBD = $\text{CBD} + (\text{CBDa} \cdot 0.877)$

Sum of Cannabinoids = $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

Total Cannabinoids = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

Why are Sum of Cannabinoids and Total Cannabinoids calculated separately? ▼

Terpenoid Analysis - Summary | 36 TESTED, TOP 3 HIGHLIGHTED

[View Full Results](#)

Total Terpenoids: **2.4823%**

1 Myrcene (1.4999%) 2 β Caryophyllene (0.3090%) 3 α Pinene (0.1186%)

Safety Analysis - Summary

[View Full Results](#)

Pesticides: **Pass**

Heavy Metals: **NT**

Foreign Material: **NT**

Mycotoxins: **NT**

Microbial Impurities (PCR): **NT**

Water Activity: **NT**

Residual Solvents: **NT**

Microbial Impurities (Plating): **NT**

Vitamin E: **NT**

View Complete Test Results:

[Expand All](#)



Cannabinoid Analysis ✔ Pass

[Show More](#)

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

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

Summary

Total THC:

0.6193%

Total THC ($\Delta 9\text{THC} + 0.877 \cdot \text{THCa}$)

Total CBD:

16.0376%

Total CBD ($\text{CBD} + 0.877 \cdot \text{CBDa}$)

Total CBG: 0.4866%

Total CBG ($\text{CBG} + 0.877 \cdot \text{CBGa}$)

Total THCV: ND

Total THCV ($\text{THCV} + 0.877 \cdot \text{THCVa}$)

Total CBC: 1.0073%

Total CBC ($\text{CBC} + 0.877 \cdot \text{CBCa}$)

Total CBDV: 0.0681%

Total Cannabinoids: ⓘ

Total CBDV (CBDV+0.877*CBDVa)

18.2189%

Cannabinoid Test Results | 11/09/2019

Result Views

Filter by

Compound	LOD/LOQ (mg/g) ⓘ	Result (mg/g)	Result (%)
CBDA	0.052 / 0.156	180.216	18.0216
CBCA	0.233 / 0.705	11.050	1.1050
THCA	0.052 / 0.156	6.538	0.6538
CBGA	0.034 / 0.102	5.094	0.5094
CBD	0.059 / 0.180	2.327	0.2327
CBDVA	0.030 / 0.090	0.776	0.0776
Δ9THC	0.052 / 0.158	0.459	0.0459
CBG	0.048 / 0.144	0.399	0.0399
CBC	0.048 / 0.146	0.382	0.0382
Δ8THC	0.074 / 0.224	ND	ND
THCV	0.045 / 0.137	ND	ND
THCVA	0.088 / 0.267	ND	ND
CBDV	0.027 / 0.080	ND	ND
CBL	0.114 / 0.346	ND	ND
CBN	0.052 / 0.157	ND	ND
SUM OF CANNABINOIDS		207.241 mg/g	20.7241%

Moisture Test Result

Not Tested

Density Test Result

Not Tested

Viscosity Test Result

Not Tested

Learn more

The cannabis plant contains dozens of active compounds called cannabinoids (<https://www.sclabs.com/cannabinoids/>). These compounds are the primary contributors to the psychoactive effects of cannabis.

Cannabinoid testing (<https://www.sclabs.com/cannabis/>), determines the potency of a sample to aid in dosage considerations.

Terpenoid Analysis ✓ Tested[Show More](#)

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

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

Summary

Total Terpenoids (mg/g):

24.823 mg/g

Total Terpenoids (%):

2.4823%

Dominant Terpenoids

Below are this sample's 3 most abundant terpenoids by volume.

- 1 Myrcene
1.4999%
- 2 β Caryophyllene
0.3090%
- 3 α Pinene
0.1186%

Terpenoid Test Results | 11/11/2019

Result Views

Table

Bar Graph

Filter by

Compound	LOD/LOQ (mg/g) ⓘ	Result (mg/g)	Result (%)
Myrcene	0.03 / 0.092	14.999	1.4999
β Caryophyllene	0.029 / 0.087	3.090	0.3090
α Pinene	0.028 / 0.084	1.186	0.1186
α Bisabolol	0.057 / 0.172	1.054	0.1054
α Humulene	0.017 / 0.051	0.925	0.0925
Ocimene	0.053 / 0.16	0.92	0.092
Guaiol	0.035 / 0.106	0.726	0.0726
Limonene	0.04 / 0.12	0.58	0.058
β Pinene	0.016 / 0.048	0.482	0.0482
Linalool	0.043 / 0.13	0.35	0.035
Nerolidol	0.05 / 0.15	0.19	0.019
TOTAL		24.823 mg/g	2.4823%

Compound	LOD/LOQ (mg/g) [?]	Result (mg/g)	Result (%)
Caryophyllene Oxide	0.011 / 0.034	0.141	0.0141
Cedrol	0.022 / 0.066	0.121	0.0121
α Cedrene	0.012 / 0.035	0.059	0.0059
Fenchol	0.051 / 0.153	<LOQ	<LOQ
Terpineol	0.029 / 0.087	<LOQ	<LOQ
Valencene	0.018 / 0.055	<LOQ	<LOQ
Camphene	0.038 / 0.116	ND	ND
Sabinene	0.024 / 0.073	ND	ND
α Phellandrene	0.048 / 0.144	ND	ND
β Carene	0.028 / 0.085	ND	ND
α Terpinene	0.051 / 0.155	ND	ND
Eucalyptol	0.051 / 0.155	ND	ND
γ Terpinene	0.038 / 0.114	ND	ND
Sabinene Hydrate	0.046 / 0.138	ND	ND
Fenchone	0.06 / 0.181	ND	ND
Terpinolene	0.042 / 0.128	ND	ND
(-)-Isopulegol	0.026 / 0.08	ND	ND
Camphor	0.08 / 0.242	ND	ND
Isoborneol	0.028 / 0.085	ND	ND
Borneol	0.063 / 0.19	ND	ND
Menthol	0.043 / 0.129	ND	ND
Nerol	0.042 / 0.128	ND	ND
R-(+)-Pulegone	0.016 / 0.047	ND	ND
Geraniol	0.037 / 0.112	ND	ND
Geranyl Acetate	0.025 / 0.076	ND	ND
TOTAL		24.823 mg/g	2.4823%

Learn more

Terpenoid analysis (<https://www.sclabs.com/terpene-analysis/>) is crucial for differentiating between strains of cannabis, as terpenoids (<https://www.sclabs.com/terpene/>) have a major influence on the medical and psychological effects of a plant. The relationship between cannabinoids and terpenoids is known as the "entourage effect."

Pesticide Analysis ✔ Pass[Show More](#)

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). *GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

Category 1 Pesticide Test Results | 11/09/2019 | TESTED

Filter by

Compound	LOD/LOQ (µg/g) ⓘ	Action Limit (µg/g) ⓘ	Result (µg/g)	Result
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Category 2 Pesticide Test Results | 11/09/2019 | PASS

Filter by

Compound	LOD/LOQ (µg/g) ⓘ	Action Limit (µg/g) ⓘ	Result (µg/g)	Result
Abamectin	0.030 / 0.091	0.1	ND	Pass
Bifenazate	0.012 / 0.035	0.1	ND	Pass
Bifenthrin	0.013 / 0.038	3.0	ND	Pass
Boscalid	0.008 / 0.023	0.1	ND	Pass
Etoxazole	0.007 / 0.022	0.1	ND	Pass
Imidacloprid	0.017 / 0.050	5.0	ND	Pass
Myclobutanil	0.015 / 0.044	0.1	ND	Pass
Piperonylbutoxide	0.007 / 0.020	3.0	ND	Pass
Pyrethrins	0.012 / 0.036	0.5	ND	Pass
Spinosad	0.010 / 0.031	0.1	ND	Pass
Spiromesifen	0.005 / 0.015	0.1	ND	Pass
Spirotetramat	0.014 / 0.042	0.1	ND	Pass

Learn more

Ingesting pesticides can be dangerous, even at the smallest doses. Our [pesticide analysis](https://www.sclabs.com/pesticide-testing/) (<https://www.sclabs.com/pesticide-testing/>) can detect trace amounts of chemical pesticides in dried flowers and cannabis concentrates.

Mycotoxin Analysis ⊘ Not Tested

Residual Solvents Analysis **⊘ Not Tested**Heavy Metals Analysis **⊘ Not Tested**Microbial Impurities Analysis **⊘ Not Tested**Foreign Material Analysis **⊘ Not Tested**Water Activity Analysis **⊘ Not Tested**Vitamin E Analysis **⊘ Not Tested****COA ID: 191107K006-004**

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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)

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