

CERTIFICATE OF ANALYSIS | HEMP QUALITY ASSURANCE TEST



(http://sclaboratories.s3.amazonaws.com/sample_...)
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Sample Name:

Cherry Cough

Flower, Inhalable

Date Issued:
01/06/2020

Date Collected: 08/22/2019

Date Received: 08/23/2019

Sample Details

Sample ID: 190822M014

Batch Number:

Batch Size:

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Cultivator / Manufacturer

Business Name:

License Number:

Address:

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Distributor / Tested For

Business Name: SN Holdings

License Number:

Address:

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

[Hide Details](#)

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Cannabinoid Analysis - Summary

[View Full Results](#)

Total THC: 0.6109%

Moisture: NT

Total CBD: 14.8467%

Density: NT

Sum of Cannabinoids: 21.6835%

Viscosity: NT

Total Cannabinoids: 19.3961%

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? ▼

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:

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Cannabinoid Analysis ✔ Pass

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

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

Summary

Total THC:

0.6109%

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

Total CBD:

14.8467%

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

Total Cannabinoids: ⓘ

19.3961%

Total CBG: 2.7671%

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

Total THCV: ND

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

Total CBC: 1.0495%

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

Total CBDV: 0.1219%

Total CBDV ($\text{CBDV} + 0.877 \cdot \text{CBDVa}$)

Cannabinoid Test Results | 08/24/2019

Result Views

Table

Pie Chart

Filter by

Compound	LOD/LOQ (mg/g) [Ⓢ]	Result (mg/g)	Result (%)
CBDA	0.052 / 0.156	167.725	16.7725
CBG	0.048 / 0.144	24.240	2.4240
CBCA	0.233 / 0.705	9.237	0.9237
CBGA	0.034 / 0.102	3.912	0.3912
THCA	0.052 / 0.156	3.883	0.3883
Δ9THC	0.052 / 0.158	2.704	0.2704
CBC	0.048 / 0.146	2.394	0.2394
CBD	0.059 / 0.180	1.372	0.1372
CBDVA	0.030 / 0.090	1.209	0.1209
CBDV	0.027 / 0.080	0.159	0.0159
Δ8THC	0.074 / 0.224	ND	ND
THCV	0.045 / 0.137	ND	ND
THCVA	0.088 / 0.267	ND	ND
CBL	0.114 / 0.346	ND	ND
CBN	0.052 / 0.157	ND	ND
SUM OF CANNABINOIDS		216.835 mg/g	21.6835%

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 **⊘ Not Tested**Pesticide Analysis **☑ Pass**[Show Less](#)

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 | 08/26/2019 | PASS

Filter by

Compound	LOD/LOQ (µg/g) ?	Action Limit (µg/g) ?	Result (µg/g)	Result
Aldicarb	0.030 / 0.091	ND	ND	Pass
Carbofuran	0.029 / 0.089	ND	ND	Pass
Chlorpyrifos	0.029 / 0.089	ND	ND	Pass
Coumaphos	0.029 / 0.089	ND	ND	Pass
Daminozide	0.030 / 0.091	ND	ND	Pass
DDVP (Dichlorvos)	0.029 / 0.089	ND	ND	Pass
Dimethoate	0.029 / 0.089	ND	ND	Pass
Ethoprop(hos)	0.029 / 0.089	ND	ND	Pass
Etofenprox	0.029 / 0.089	ND	ND	Pass
Fenoxycarb	0.029 / 0.089	ND	ND	Pass
Fipronil	0.029 / 0.089	ND	ND	Pass
Imazalil	0.029 / 0.089	ND	ND	Pass
Methiocarb	0.029 / 0.089	ND	ND	Pass
Methyl parathion	0.029 / 0.089	ND	ND	Pass
Mevinphos	0.029 / 0.089	ND	ND	Pass
Paclobutrazol	0.029 / 0.089	ND	ND	Pass
Propoxur	0.029 / 0.089	ND	ND	Pass
Spiroxamine	0.029 / 0.089	ND	ND	Pass
Thiacloprid	0.029 / 0.089	ND	ND	Pass

Category 2 Pesticide Test Results | 08/26/2019 | 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
Acephate	0.013 / 0.039	0.1	ND	Pass
Acequinocyl	0.010 / 0.031	0.1	ND	Pass
Acetamiprid	0.013 / 0.038	0.1	ND	Pass
Azoxystrobin	0.015 / 0.047	0.1	ND	Pass
Bifenazate	0.012 / 0.035	0.1	ND	Pass

Compound	LOD/LOQ (µg/g) ②	Action Limit (µg/g) ②	Result (µg/g)	Result
Bifenthrin	0.013 / 0.038	3.0	ND	Pass
Boscalid	0.008 / 0.023	0.1	ND	Pass
Captan	0.099 / 0.300	0.7	ND	Pass
Carbaryl	0.014 / 0.043	0.5	ND	Pass
Chlorantraniliprole	0.020 / 0.061	10.0	ND	Pass
Clofentezine	0.009 / 0.027	0.1	ND	Pass
Cyfluthrin	0.099 / 0.299	2.0	ND	Pass
Cypermethrin	0.030 / 0.091	1.0	ND	Pass
Diazinon	0.009 / 0.027	0.1	ND	Pass
Dimethomorph	0.018 / 0.055	2.0	ND	Pass
Etoxazole	0.007 / 0.022	0.1	ND	Pass
Fenhexamid	0.015 / 0.045	0.1	ND	Pass
Fenpyroximate	0.012 / 0.036	0.1	ND	Pass
Flonicamid	0.022 / 0.066	0.1	ND	Pass
Fludioxonil	0.020 / 0.061	0.1	ND	Pass
Hexythiazox	0.009 / 0.027	0.1	ND	Pass
Imidacloprid	0.017 / 0.050	5.0	ND	Pass
Kresoxim-methyl	0.010 / 0.029	0.1	ND	Pass
Malathion	0.006 / 0.019	0.5	ND	Pass
Metalaxyl	0.011 / 0.033	2.0	ND	Pass
Methomyl	0.022 / 0.067	1.0	ND	Pass
Myclobutanil	0.015 / 0.044	0.1	ND	Pass
Naled	0.010 / 0.031	0.1	ND	Pass
Oxamyl	0.014 / 0.042	0.5	ND	Pass
Permethrin	0.027 / 0.082	0.5	ND	Pass
Phosmet	0.010 / 0.030	0.1	ND	Pass
Piperonylbutoxide	0.007 / 0.020	3.0	ND	Pass
Prallethrin	0.011 / 0.032	0.1	ND	Pass
Propiconazole	0.004 / 0.013	0.1	ND	Pass
Pyrethrins	0.012 / 0.036	0.5	ND	Pass
Pyridaben	0.007 / 0.020	0.1	ND	Pass
Spinetoram	0.006 / 0.017	0.1	ND	Pass

Compound	LOD/LOQ (µg/g) ⓘ	Action Limit (µg/g) ⓘ	Result (µg/g)	Result
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
Tebuconazole	0.006 / 0.018	0.1	ND	Pass
Thiamethoxam	0.011 / 0.033	5.0	ND	Pass
Trifloxystrobin	0.007 / 0.020	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: 190822M014-003

For quality assurance purposes. Not a Pre-Harvest 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)

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