

**SAMPLE NAME: GIRL SCOUT COOKIE**

Flower, Inhalable

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR**

**Business Name:** Exclusive Hemp Farms

**License Number:**

**Address:**



**SAMPLE DETAIL**

**Batch Number:**

**Sample ID:** 200910V006

**Date Collected:** 09/10/2020

**Date Received:** 09/10/2020

**Batch Size:**

**Sample Size:**

**Unit Mass:**

**Serving Size:**



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC: 0.2%**

**Total CBD: 3.889%**

**Sum of Cannabinoids: 14.667%**

**Total Cannabinoids: 13.027%**

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

**Moisture: NT**

**Density: NT**

**Viscosity: NT**

**SAFETY ANALYSIS - SUMMARY**

**Pesticides: ✔ PASS**

**Mycotoxins: NT**

**Residual Solvents: NT**

**Heavy Metals: NT**

**Microbial Impurities (PCR): ✔ PASS**

**Microbial Impurities (Plating): NT**

**Foreign Material: NT**

**Water Activity: NT**

**Vitamin E Acetate: NT**

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)

*Randi Vuong*  
 LOC verified by: Randi Vuong  
 Date: 09/13/2020

*Josh Wurzer*  
 Approved by: Josh Wurzer, President  
 Date: 09/13/2020



## Cannabinoïd Analysis

### CANNABINOID TEST RESULTS - 09/11/2020

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

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

**TOTAL THC: 0.2%**

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

**TOTAL CBD: 3.889%**

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

**TOTAL CANNABINOIDS: 13.027%**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8\text{THC}$  + CBL + CBN

**TOTAL CBG: 8.12%**

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

**TOTAL THCV: ND**

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

**TOTAL CBC: 0.51%**

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

**TOTAL CBDV: 0.012%**

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

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBGa	0.1 / 0.4	±6.13	88.6	8.86
CBDa	0.06 / 0.17	±1.573	37.28	3.728
CBD	0.1 / 0.3	±0.34	6.2	0.62
CBCa	0.1 / 0.4	±0.32	3.6	0.36
CBG	0.2 / 0.5	±0.30	3.5	0.35
$\Delta^8\text{THC}$	0.05 / 0.15	±0.118	2.96	0.296
CBC	0.1 / 0.2	±0.09	1.9	0.19
THCa	0.04 / 0.12	±0.053	1.29	0.129
$\Delta^9\text{THC}$	0.1 / 0.4	±0.05	1.2	0.12
CBDVa	0.02 / 0.06	±0.002	0.14	0.014
THCV	0.07 / 0.21	N/A	ND	ND
THCVa	0.05 / 0.15	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
<b>SUM OF CANNABINOIDS</b>			<b>146.67 mg/g</b>	<b>14.667%</b>

**MOISTURE TEST RESULT**

Not Tested

**DENSITY TEST RESULT**

Not Tested

**VISCOSITY TEST RESULT**

Not Tested



 **Pesticide Analysis**

**CATEGORY 1 PESTICIDE TEST RESULTS - 09/11/2020** ✔ PASS

**CATEGORY 1 AND 2 PESTICIDES**

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

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Aldicarb				NT	
Carbofuran				NT	
Chlordane*				NT	
Chlorfenapyr*				NT	
<b>Chlorpyrifos</b>	0.02 / 0.06	≥ LOD	N/A	<b>ND</b>	<b>PASS</b>
Coumaphos				NT	
Daminozide				NT	
DDVP (Dichlorvos)				NT	
Dimethoate				NT	
Ethoprop(hos)				NT	
Etofenprox				NT	
Fenoxycarb				NT	
Fipronil				NT	
Imazalil				NT	
Methiocarb				NT	
Methyl parathion				NT	
Mevinphos				NT	
Paclobutrazol				NT	
Propoxur				NT	
Spiroxamine				NT	
Thiacloprid				NT	


**CATEGORY 2 PESTICIDE TEST RESULTS - 09/11/2020** ✔ PASS

<b>Abamectin</b>	0.03 / 0.10	0.1	N/A	<b>ND</b>	<b>PASS</b>
Acephate				NT	
Acequinocyl				NT	
Acetamiprid				NT	
<b>Azoxystrobin</b>	0.01 / 0.04	0.1	N/A	<b>ND</b>	<b>PASS</b>
<b>Bifenazate</b>	0.01 / 0.02	0.1	N/A	<b>ND</b>	<b>PASS</b>
<b>Bifenthrin</b>	0.01 / 0.02	3	N/A	<b>ND</b>	<b>PASS</b>
<b>Boscalid</b>	0.02 / 0.06	0.1	N/A	<b>&lt;LOQ</b>	<b>PASS</b>
Captan				NT	
Carbaryl				NT	
Chlorantraniliprole				NT	

Continued on next page



 **Pesticide Analysis** *Continued*

**CATEGORY 2 PESTICIDE TEST RESULTS - 09/11/2020** *continued*  **PASS**

**CATEGORY 1 AND 2 PESTICIDES**

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

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Clofentezine				NT	
Cyfluthrin				NT	
Cypermethrin	0.1 / 0.3	1	N/A	ND	PASS
Diazinon				NT	
Dimethomorph				NT	
Etoxazole	0.010 / 0.028	0.1	N/A	ND	PASS
Fenhexamid				NT	
Fenpyroximate				NT	
Flonicamid				NT	
Fludioxonil				NT	
Hexythiazox	0.01 / 0.04	0.1	N/A	ND	PASS
Imidacloprid	0.01 / 0.04	5	N/A	ND	PASS
Kresoxim-methyl				NT	
Malathion	0.02 / 0.05	0.5	N/A	ND	PASS
Metalaxyl				NT	
Methomyl				NT	
Myclobutanil	0.03 / 0.1	0.1	N/A	ND	PASS
Naled				NT	
Oxamyl				NT	
Pentachloronitrobenzene*				NT	
Permethrin	0.03 / 0.09	0.5	N/A	ND	PASS
Phosmet				NT	
Piperonylbutoxide	0.003 / 0.009	3	N/A	ND	PASS
Prallethrin				NT	
Propiconazole	0.01 / 0.03	0.1	N/A	ND	PASS
Pyrethrins				NT	
Pyridaben				NT	
Spinetoram				NT	
Spinosad				NT	
Spiromesifen	0.02 / 0.05	0.1	N/A	ND	PASS
Spirotetramat				NT	
Tebuconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Thiamethoxam				NT	
Trifloxystrobin	0.01 / 0.03	0.1	N/A	ND	PASS



 **Microbial Impurities Analysis**  
 PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbial impurities.

**Method:** QSP - (1221) Analysis of Microbial Impurities

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbial impurities.

**Method:** QSP - (6794) Plating with 3M™ Petrifilm™

**MICROBIAL IMPURITIES TEST RESULTS (PCR) - 09/13/2020** ✔ PASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
Shiga toxin-producing <i>Escherichia coli</i>	Detect	ND	PASS
<i>Salmonella</i> spp.	Detect	ND	PASS
<i>Aspergillus fumigatus</i>	Detect	ND	PASS
<i>Aspergillus flavus</i>	Detect	ND	PASS
<i>Aspergillus niger</i>	Detect	ND	PASS
<i>Aspergillus terreus</i>	Detect	ND	PASS

**MICROBIAL IMPURITIES TEST RESULTS (PLATING)**

COMPOUND	RESULT (cfu/g)
Aerobic Plate Count	NT
Total Yeast and Mold	NT

