

**SAMPLE NAME:** White CBG  
Flower, Inhalable

**CULTIVATOR / MANUFACTURER**  
**Business Name:**  
**License Number:**  
**Address:**

**DISTRIBUTOR / TESTED FOR**  
**Business Name:** Sonoma Hills Farm, LLC  
**License Number:**  
**Address:** 267 Vienna St  
San Francisco CA 94112



**SAMPLE DETAIL**

**Batch Number:** WCBG\_100122(H)  
**Sample ID:** 221013N060

**Date Collected:** 10/13/2022  
**Date Received:** 10/14/2022  
**Batch Size:**  
**Sample Size:** 6.0 grams  
**Unit Mass:**  
**Serving Size:**



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

CALCULATED USING DRY-WEIGHT

**Total THC:** 0.22%  
**Total CBD:** 0.066%  
**Sum of Cannabinoids:** 20.86%  
**Total Cannabinoids:** 18.4%

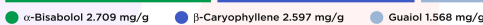
Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:  
Total THC = Δ<sup>9</sup>-THC + (THCa) (0.877)  
Total CBD = CBD + (CBDA) (0.877)  
Sum of Cannabinoids = Δ<sup>9</sup>-THC + THCa + CBD + CBDA + CBG + CBGa + THCV + THCVa + CBC + CBGa + CBDV + CBDVa + Δ<sup>8</sup>-THC + CBL + CBN  
Total Cannabinoids = (Δ<sup>9</sup>-THC+0.877\*THCa) + (CBD+0.877\*CBDA) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBDV+0.877\*CBDA) + (CBL+0.877\*CBLa) + (CNDV+0.877\*CNDVa) + Δ<sup>8</sup>-THC + CBL + CBN

**Moisture:** 16.3%

**TERPENOID ANALYSIS - SUMMARY**

39 TESTED, TOP 3 HIGHLIGHTED

**Total Terpenoids:** 0.9231%



**SAFETY ANALYSIS - SUMMARY**

**Pesticides:** ✔ PASS

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**Sample Certification:** California Code of Regulations Title 4 Division 19, Department of Cannabis Control 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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*Ali Bradford*  
LQC verified by: Ali Bradford  
Date: 10/16/2022

*Josh Wurzer*  
Approved by: Josh Wurzer, President  
Date: 10/16/2022



**Cannabinoid Analysis**

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

**Method:** OSP 1157 - Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC:** 0.22%

Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

**TOTAL CBD:** 0.066%

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS:** 18.4%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ<sup>8</sup>-THC + CBL + CBN

**TOTAL CBG:** 17.4%

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV:** ND

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC:** 0.71%

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV:** ND

Total CBDV (CBDV+0.877\*CBDVa)

**CANNABINOID TEST RESULTS - 10/15/2022**

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBGa	0.1 / 0.4	±0.33	192.1	19.21
CBCa	0.1 / 0.4	±0.42	6.1	0.61
CBG	0.2 / 0.5	±0.36	5.5	0.55
CBC	0.1 / 0.2	±0.07	1.8	0.18
THCa	0.04 / 0.24	±0.051	1.58	0.158
Δ <sup>9</sup> -THC	0.1 / 0.4	±0.02	0.8	0.08
CBDA	0.06 / 0.22	±0.025	0.75	0.075
Δ <sup>8</sup> -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
CBD	0.1 / 0.3	N/A	ND	ND
CBDV	0.1 / 0.3	N/A	ND	ND
CBDVa	0.02 / 0.22	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>208.6 mg/g</b>	<b>20.86%</b>

**MOISTURE TEST RESULT**

<b>16.3%</b>
Tested 10/14/2022
<b>Method:</b> OSP 1224 - Loss on Drying (Moisture)

**Terpenoid Analysis**

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

**Method:** OSP 1192 - Analysis of Terpenoids by GC-FID

**TERPENOID TEST RESULTS - 10/15/2022**

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
α-Bisabolol	0.008 / 0.026	±0.1165	2.709	0.2709
β-Caryophyllene	0.004 / 0.013	±0.1397	2.597	0.2597
Guaiol	0.011 / 0.035	±0.0853	1.568	0.1568
α-Humulene	0.009 / 0.031	±0.0424	0.789	0.0789
Nerolidol	0.006 / 0.020	±0.0301	0.381	0.0381
Myrcene	0.007 / 0.025	±0.0108	0.306	0.0306
Limonene	0.005 / 0.016	±0.0060	0.185	0.0185
Caryophyllene Oxide	0.011 / 0.038	±0.0073	0.123	0.0123
Geranyl Acetate	0.004 / 0.012	±0.0058	0.105	0.0105
trans-β-Farnesene	0.008 / 0.028	±0.0054	0.095	0.0095

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**Terpenoid Analysis Continued**

**TERPENOID TEST RESULTS - 10/15/2022 continued**

- α-Bisabolol**  
A sesquiterpene alcohol with a fragrance that can be described as floral, peppery, sweet and clean. Found in chamomile, ligwort, yarrow, skullcaps, lavender, ironwort, germander...etc.
- 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 CB<sub>2</sub> receptor agonist. Found in black pepper, clove, hops, rosemary, black-jack, perilla, spicebush, Indian pennywort, celery, frankincense, vitex, parsley, marigold, tamarind...etc.
- Guaiol**  
A sesquiterpene alcohol with a fragrance that can be described as floral, piney, herbal and woody. Found in guaiaicum, cypress pine, ginseng, melaleuca, goatweed, incense grass...etc.

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Fenchol	0.009 / 0.029	±0.0033	0.090	0.0090
Borneol	0.004 / 0.014	±0.0039	0.083	0.0083
Linalool	0.009 / 0.030	±0.0029	0.075	0.0075
Terpineol	0.008 / 0.025	±0.0034	0.055	0.0055
Valencene	0.010 / 0.033	±0.0023	0.045	0.0045
Pulegone	0.003 / 0.010	±0.0017	0.025	0.0025
α-Pinene	0.005 / 0.015	N/A	<LOQ	<LOQ
β-Pinene	0.004 / 0.015	N/A	<LOQ	<LOQ
Fenchone	0.008 / 0.026	N/A	<LOQ	<LOQ
Terpinolene	0.008 / 0.027	N/A	<LOQ	<LOQ
Camphene	0.004 / 0.014	N/A	ND	ND
Sabinene	0.004 / 0.014	N/A	ND	ND
α-Phellandrene	0.006 / 0.019	N/A	ND	ND
Δ <sup>3</sup> -Carene	0.005 / 0.018	N/A	ND	ND
α-Terpinene	0.006 / 0.019	N/A	ND	ND
p-Cymene	0.005 / 0.015	N/A	ND	ND
Eucalyptol	0.005 / 0.018	N/A	ND	ND
β-Cimene	0.005 / 0.018	N/A	ND	ND
γ-Terpinene	0.005 / 0.018	N/A	ND	ND
Sabinene Hydrate	0.007 / 0.022	N/A	ND	ND
Isopulegol	0.004 / 0.013	N/A	ND	ND
Camphor	0.005 / 0.015	N/A	ND	ND
Isoborneol	0.003 / 0.011	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
Nerol	0.003 / 0.011	N/A	ND	ND
Citronellol	0.003 / 0.010	N/A	ND	ND
Geraniol	0.002 / 0.007	N/A	ND	ND
α-Cedrene	0.005 / 0.017	N/A	ND	ND
Cedrol	0.009 / 0.032	N/A	ND	ND
<b>TOTAL TERPENOIDS</b>			<b>9.231 mg/g</b>	<b>0.9231%</b>

**Pesticide Analysis**

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:** OSP 1212 - Analysis of Pesticides and Mycotoxins by LC/MS or OSP 1213 - Analysis of Pesticides by GC-MS

**PESTICIDE TEST RESULTS - 10/15/2022 ✔ PASS**

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Chlordane*	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Chlorfapyr*	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Pentachloronitrobenzene*	0.03 / 0.09	0.1	N/A	ND	PASS