

SAMPLE NAME: Two Hawk - Golden Goat

Concentrate, Hemp

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Erth, LLC

License Number:

Address:
CA



SAMPLE DETAIL

Batch Number:

Sample ID: 220405N009

Date Collected: 04/05/2022

Date Received: 04/05/2022

Batch Size:

Sample Size: 2.0 units

Unit Mass: 2 grams per Unit

Serving Size: 2 grams per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: **Not Detected**

Total CBD: **Not Detected**

Sum of Cannabinoids: **0.16%**

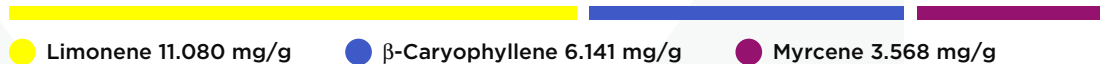
Total Cannabinoids: **0.16%**

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: **3.5265%**



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.

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)

Carmen Stackhouse *Josh Wurzer*
 LQC verified by: Carmen Stackhouse Date: 04/08/2022
 Approved by: Josh Wurzer, President Date: 04/08/2022




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: Not Detected

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: Not Detected

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 0.16%

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

TOTAL CBG: ND

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: ND

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 04/08/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Δ^8 -THC	0.1 / 0.4	±0.10	1.6	0.16
CBN	0.1 / 0.3	N/A	<LOQ	<LOQ
Δ^9 -THC	0.06 / 0.26	N/A	ND	ND
THCa	0.05 / 0.14	N/A	ND	ND
THCV	0.1 / 0.2	N/A	ND	ND
THCVa	0.07 / 0.20	N/A	ND	ND
CBD	0.07 / 0.29	N/A	ND	ND
CBDA	0.02 / 0.19	N/A	ND	ND
CBDV	0.04 / 0.15	N/A	ND	ND
CBDVa	0.03 / 0.53	N/A	ND	ND
CBG	0.06 / 0.19	N/A	ND	ND
CBGa	0.1 / 0.2	N/A	ND	ND
CBL	0.06 / 0.24	N/A	ND	ND
CBC	0.2 / 0.5	N/A	ND	ND
CBCa	0.07 / 0.28	N/A	ND	ND
SUM OF CANNABINOIDS			1.6 mg/g	0.16%

Unit Mass: 2 grams per Unit / Serving Size: 2 grams per Serving

Δ^9 -THC per Unit	ND
Δ^9 -THC per Serving	ND
Total THC per Unit	ND
Total THC per Serving	ND
CBD per Unit	ND
CBD per Serving	ND
Total CBD per Unit	ND
Total CBD per Serving	ND
Sum of Cannabinoids per Unit	3.2 mg/unit
Sum of Cannabinoids per Serving	3.2 mg/serving
Total Cannabinoids per Unit	3.2 mg/unit
Total Cannabinoids per Serving	3.2 mg/serving



Terpenoid Analysis

TERPENOID TEST RESULTS - 04/08/2022

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

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

1 Limonene
 A monoterpene with a fragrance that can be described as orangey, citrusy, sweet and tart. It is most commonly found in nature as D-Limonene and is a primary contributor to the distinct scent of orange peels, from which it is commonly derived. Found in numerous pines, red maple, silver maple, aspens, cottonwoods, hemlocks, sumac, cedar, junipers...etc.

2 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 CB₂ receptor agonist. Found in black pepper, clove, hops, rosemary, black-jack, perilla, spicebush, Indian pennywort, celery, frankincense, vitex, parsley, marigold, tamarind...etc.

3 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.

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Limonene	0.005 / 0.016	±0.1230	11.080	1.1080
β-Caryophyllene	0.004 / 0.012	±0.1701	6.141	0.6141
Myrcene	0.008 / 0.025	±0.0357	3.568	0.3568
Linalool	0.009 / 0.032	±0.0799	2.701	0.2701
β-Pinene	0.004 / 0.014	±0.0188	2.115	0.2115
p-Cymene	0.005 / 0.016	±0.0405	1.939	0.1939
Terpineol	0.009 / 0.031	±0.0724	1.515	0.1515
α-Humulene	0.009 / 0.029	±0.0339	1.356	0.1356
α-Pinene	0.005 / 0.017	±0.0075	1.126	0.1126
α-Bisabolol	0.008 / 0.026	±0.0460	1.109	0.1109
Fenchol	0.010 / 0.034	±0.0331	1.099	0.1099
Camphene	0.005 / 0.015	±0.0028	0.313	0.0313
Nerol	0.003 / 0.011	±0.0082	0.238	0.0238
Δ ³ -Carene	0.005 / 0.018	±0.0026	0.231	0.0231
Caryophyllene Oxide	0.010 / 0.033	±0.0065	0.182	0.0182
Sabinene	0.004 / 0.014	±0.0015	0.160	0.0160
Terpinolene	0.008 / 0.026	±0.0018	0.113	0.0113
γ-Terpinene	0.006 / 0.018	±0.0015	0.108	0.0108
trans-β-Farnesene	0.008 / 0.025	±0.0023	0.084	0.0084
α-Terpinene	0.005 / 0.017	±0.0006	0.055	0.0055
Geranyl Acetate	0.004 / 0.014	±0.0010	0.032	0.0032
α-Phellandrene	0.006 / 0.020	N/A	<LOQ	<LOQ
Fenchone	0.009 / 0.028	N/A	<LOQ	<LOQ
Eucalyptol	0.006 / 0.018	N/A	ND	ND
β-Ocimene	0.006 / 0.020	N/A	ND	ND
Sabinene Hydrate	0.006 / 0.022	N/A	ND	ND
Isopulegol	0.005 / 0.016	N/A	ND	ND
Camphor	0.006 / 0.019	N/A	ND	ND
Isoborneol	0.004 / 0.012	N/A	ND	ND
Borneol	0.005 / 0.016	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
Citronellol	0.003 / 0.010	N/A	ND	ND
Pulegone	0.003 / 0.011	N/A	ND	ND
Geraniol	0.002 / 0.007	N/A	ND	ND
α-Cedrene	0.005 / 0.016	N/A	ND	ND
Valencene	0.009 / 0.030	N/A	ND	ND
Nerolidol	0.006 / 0.019	N/A	ND	ND
Guaiol	0.009 / 0.030	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPENOIDS			35.265 mg/g	3.5265%