

SAMPLE NAME: Lekko 700

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: LekkoCBD.com

License Number:

Address:

SAMPLE DETAIL

Batch Number: 170021

Sample ID: 211103T005

Date Collected: 11/03/2021

Date Received: 11/03/2021

Batch Size:

Sample Size: 1.0 units

Unit Mass: 30 milliliters per Unit

Serving Size: 1 milliliters per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 927.630 mg/unit

Sum of Cannabinoids: 973.920 mg/unit

Total Cannabinoids: 973.920 mg/unit

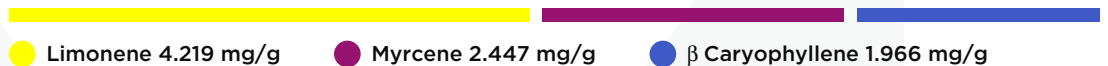
Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
 Total THC = $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$
 Total CBD = $\text{CBD} + (\text{CBDa} \cdot 0.877)$
 Sum of Cannabinoids = $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$
 Total Cannabinoids = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

Density: 0.9507 g/mL

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 1.1241%



SAFETY ANALYSIS - SUMMARY

Pesticides: ✔ PASS

Heavy Metals: ✔ PASS

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: Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states. Action limits for required tests are either state-specific, or the lower of any conflicting state regulations based upon the panel requested.

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)

Valentin Berdeja
 Date: 11/06/2021

Josh Wurzer
 Approved by: Josh Wurzer, President
 Date: 11/06/2021



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: 927.630 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 973.920 mg/unit

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

TOTAL CBG: 10.020 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 19.230 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 6.810 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 11/05/2021

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±1.4811	30.921	3.2524
CBC	0.003 / 0.010	±0.0265	0.641	0.0674
CBG	0.002 / 0.006	±0.0208	0.334	0.0351
CBN	0.001 / 0.007	±0.0096	0.261	0.0275
CBDV	0.002 / 0.012	±0.0119	0.227	0.0239
CBL	0.003 / 0.010	±0.0038	0.080	0.0084
Δ^9 THC	0.002 / 0.014	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
Δ^8 THC	0.01 / 0.02	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDA	0.001 / 0.026	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			32.464 mg/mL	3.4147%

Unit Mass: 30 milliliters per Unit / Serving Size: 1 milliliters 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	927.630 mg/unit
CBD per Serving	30.921 mg/serving
Total CBD per Unit	927.630 mg/unit
Total CBD per Serving	30.921 mg/serving
Sum of Cannabinoids per Unit	973.920 mg/unit
Sum of Cannabinoids per Serving	32.464 mg/serving
Total Cannabinoids per Unit	973.920 mg/unit
Total Cannabinoids per Serving	32.464 mg/serving

DENSITY TEST RESULT

0.9507 g/mL

Tested 11/05/2021

Method: QSP 7870 - Sample Preparation





Terpenoid Analysis

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 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, houthuynia, bay, thyme, lemon grass, mango, verbena, cardamom, citrus...etc.

3 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.

TERPENOID TEST RESULTS - 11/05/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Limonene	0.005 / 0.016	±0.0603	4.219	0.4219
Myrcene	0.008 / 0.025	±0.0316	2.447	0.2447
β Caryophyllene	0.004 / 0.012	±0.0700	1.966	0.1966
Linalool	0.009 / 0.032	±0.0241	0.634	0.0634
β Pinene	0.004 / 0.014	±0.0042	0.365	0.0365
Terpineol	0.016 / 0.055	±0.0198	0.323	0.0323
Fenchol	0.010 / 0.034	±0.0104	0.269	0.0269
Nerolidol	0.009 / 0.028	±0.0145	0.230	0.0230
Geranyl Acetate	0.004 / 0.014	±0.0067	0.160	0.0160
α Phellandrene	0.006 / 0.020	±0.0021	0.153	0.0153
Borneol	0.005 / 0.016	±0.0046	0.109	0.0109
α Bisabolol	0.008 / 0.026	±0.0058	0.108	0.0108
Caryophyllene Oxide	0.010 / 0.033	±0.0034	0.074	0.0074
α Pinene	0.005 / 0.017	±0.0005	0.058	0.0058
Sabinene	0.004 / 0.014	±0.0006	0.048	0.0048
Valencene	0.009 / 0.030	±0.0031	0.045	0.0045
Camphene	0.005 / 0.015	±0.0003	0.024	0.0024
Geraniol	0.002 / 0.007	±0.0004	0.009	0.0009
3 Carene	0.005 / 0.018	N/A	<LOQ	<LOQ
Isoborneol	0.004 / 0.012	N/A	<LOQ	<LOQ
α Humulene	0.009 / 0.029	N/A	<LOQ	<LOQ
Guaiol	0.009 / 0.030	N/A	<LOQ	<LOQ
α Terpinene	0.005 / 0.017	N/A	ND	ND
p-Cymene	0.005 / 0.016	N/A	ND	ND
Eucalyptol	0.006 / 0.018	N/A	ND	ND
Ocimene	0.011 / 0.038	N/A	ND	ND
γ Terpinene	0.006 / 0.018	N/A	ND	ND
Sabinene Hydrate	0.006 / 0.022	N/A	ND	ND
Fenchone	0.009 / 0.028	N/A	ND	ND
Terpinolene	0.008 / 0.026	N/A	ND	ND
(-)-Isopulegol	0.005 / 0.016	N/A	ND	ND
Camphor	0.006 / 0.019	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
R-(+)-Pulegone	0.003 / 0.011	N/A	ND	ND
α Cedrene	0.005 / 0.016	N/A	ND	ND
trans-β-Farnesene	0.008 / 0.025	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPENOIDS			11.241 mg/g	1.1241%





Pesticide Analysis

PESTICIDE TEST RESULTS - 11/05/2021 ✔ PASS

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

Exclusions¹ see Notes

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03 / 0.10	0.3	N/A	ND	PASS
Azoxystrobin	0.01 / 0.04	40	N/A	ND	PASS
Bifenazate	0.01 / 0.02	5	N/A	ND	PASS
Bifenthrin	0.01 / 0.02	0.5	N/A	ND	PASS
Boscalid	0.02 / 0.06	10	N/A	ND	PASS
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Cypermethrin	0.1 / 0.3	1	N/A	ND	PASS
Etoxazole	0.010 / 0.028	1.5	N/A	ND	PASS
Hexythiazox	0.01 / 0.04	2	N/A	ND	PASS
Imidacloprid	0.01 / 0.04	3	N/A	ND	PASS
Malathion	0.02 / 0.05	5	N/A	ND	PASS
Myclobutanil	0.03 / 0.1	9	N/A	ND	PASS
Permethrin	0.03 / 0.09	20	N/A	ND	PASS
Piperonylbutoxide	0.003 / 0.009	8	N/A	ND	PASS
Propiconazole	0.01 / 0.03	20	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	12	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	2	N/A	ND	PASS
Trifloxystrobin	0.01 / 0.03	30	N/A	ND	PASS



Heavy Metals Analysis

HEAVY METALS TEST RESULTS - 11/04/2021 ✔ PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	0.02 / 0.1	0.42	N/A	ND	PASS
Cadmium	0.02 / 0.05	0.27	N/A	ND	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Mercury	0.002 / 0.01	0.4	N/A	ND	PASS

NOTES

1. Exclusions: Sample Certification: California Code of Regulation Title 4 Division 19

