



Whole Plant

Cornbread Hemp Co
Hemp ID: KY_17-47-01P
Ingestible, Tincture

Sample: DIGP1912.1826.I.08690

Sample Date: 12/03/2019 Report Date: 12/18/2019

METRC Sample:

Production Run #: CB112108-01;

USDA Organic #

AMENDED

Potency Test Results

Cannabinoid Test Results

Terpene Test Results



29.700 mg/unit Total Potential THC	746.400 mg/unit Total Potential CBD
29.700 Total THC / 1 Bottle THC/Unit	746.400 Total CBD / 1 Bottle CBD/Unit

Analyte	CAS No.	LOQ %	Mass %	Mass mg/g
β-Caryophyllene	87-44-5	0.004	0.008	0.08
α-Bisabolol	23089-26-1	0.004	<LOQ	<LOQ
α-Humulene	6753-98-6	0.004	<LOQ	<LOQ
α-Pinene	80-56-8	0.004	<LOQ	<LOQ
α-Terpinene	99-86-5	0.004	<LOQ	<LOQ
β-Myrcene	123-35-3	0.004	<LOQ	<LOQ
β-Pinene	18172-67-3	0.004	<LOQ	<LOQ
Camphene	79-92-5	0.004	<LOQ	<LOQ
Caryophyllene Oxide	1139-30-6	0.004	<LOQ	<LOQ
δ-3-Carene	13466-78-9	0.004	<LOQ	<LOQ
δ-Limonene	5989-27-5	0.004	<LOQ	<LOQ
Eucalyptol	470-82-6	0.004	<LOQ	<LOQ
γ-Terpinene	99-85-4	0.004	<LOQ	<LOQ
Linalool	78-70-6	0.004	<LOQ	<LOQ
Ocimene	13877-91-3	0.004	<LOQ	<LOQ
p-Cymene	99-87-6	0.004	<LOQ	<LOQ
Terpinolene	586-62-9	0.004	<LOQ	<LOQ
Total			0.008	0.08

1 Unit = 1 Bottle, 30g

Analyte	LOQ %	Mass mg/unit	Mass %
THCa	0.0133	<LOQ	<LOQ
Δ9-THC	0.0133	29.700	0.0990
Δ8-THC	0.0133	<LOQ	<LOQ
THCV	0.0133	<LOQ	<LOQ
CBDa	0.0133	<LOQ	<LOQ
CBD	0.0133	746.400	2.4880
CBDV	0.0133	17.700	0.0590
CBN	0.0133	<LOQ	<LOQ
CBGa	0.0133	<LOQ	<LOQ
CBG	0.0133	7.800	0.0260
CBC	0.0133	<LOQ	<LOQ
Total		801.600	2.6720

NR = Not Reported; ND = Not Detected; LOQ = Limit of Quantification. Terpenes analyzed per Digipath Labs SOP-334 on an Agilent 7697A/7890B/5977A Headspace GC/MS.

Total Potential THC = (THCa * 0.877) + d9-THC + d8-THC, Total Potential CBD = (CBDa * 0.877) + CBD, LOQ = Limit of Quantitation; NR = Not Reported; ND = Not Detected; Cannabinoids for flower and trim reported as received. Cannabinoids analyzed per Digipath Labs SOP-317 on an Agilent 1260 UPLC.

Safety & Quality Tests

Visual	Not Tested	Moisture Content	Not Tested
Microbiological	Complete	Homogeneity	Not Tested
Heavy Metals	Complete	Residual Solvents	Complete
Mycotoxins	Not Tested	Pesticides	Complete
Water Activity	Not Tested	pH	Not Tested

CANNABINOIDS LABELING SUGGESTION PER NAC 453A.508

THC/Unit	CBN/Unit	CBD/Unit
29.700 mg Total THC / 1 Bottle	<LOQ mg CBN / 1 Bottle	746.400 mg Total CBD / 1 Bottle

Scan to View Results



I certify that this sample has been tested by DigiPath Labs. All results are reported on AS-IS basis.

Cindy Orser, PhD
Lab Director

Updated to include solvent results. Terpenes, pesticides, heavy metals, and microbial results added 12/18/2019. Cannabinoid results from 12/06/2019.



All pass/fail limits are as specified in NAC 453.A and DPBH Policies. Unless otherwise stated, all quality control samples performed within specifications previously established by the Laboratory. This product has been tested by Digipath Labs, Inc. using validated testing methodologies under a QMS as required by ISO-17025:2017 and Nevada state law. Sample collected per Digipath Labs' SOP-312. Values reported relate only to the product tested. Water activity tested at 25o C. Digipath Labs, Inc. makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein and treats all client communication and testing results as confidential. This Certificate shall not be reproduced without the written approval of Digipath Labs, Inc. Measurement Uncertainty values have been determined for all methods and analytes. These data are available upon request.

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Pesticides

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Abamectin	0.020		<LOQ	Tested
Acequinocyl	0.050		<LOQ	Tested
Bifenazate	0.050		<LOQ	Tested
Bifenthrin	0.020		<LOQ	Tested
Cyfluthrin	0.250		<LOQ	Tested
Cypermethrin	0.050		<LOQ	Tested
Daminozide	0.050		<LOQ	Tested
Dimethomorph	0.050		<LOQ	Tested
Etoxazole	0.050		<LOQ	Tested
Fenhexamid	0.050		<LOQ	Tested
Fonicamid	0.050		<LOQ	Tested
Fludioxonil	0.020		<LOQ	Tested
Imidacloprid	0.020		<LOQ	Tested
Myclobutanil	0.050		<LOQ	Tested
Paclobutrazol	0.020		<LOQ	Tested
Piperonyl Butoxide	0.050		<LOQ	Tested
Pyrethrins	0.050		<LOQ	Tested
Quintozene	0.050		<LOQ	Tested
Spinetoram	0.050		<LOQ	Tested
Spinosad	0.050		<LOQ	Tested
Spirotetramat	0.050		<LOQ	Tested
Thiamethoxam	0.020		<LOQ	Tested
Trifloxystrobin	0.050		<LOQ	Tested

ND = Not Detected; NR = Not Reported; NT = Not Tested; LOQ = Limit of Quantification; Tested Pesticides: Nevada Division of Public and Behavioral Health Monitoring List for Pest Control Substances. Pesticides analyzed per Digipath Labs' SOP-319 on an Agilent 6420 LC QQQ and SOP-318 on an Agilent 7890B-7010B HES-MS.

Heavy Metals

Analyte	LOQ	Limit	Units	Status
	PPB	PPB	PPB	
Arsenic	1		<LOQ	Tested
Cadmium	1		2	Tested
Lead	1		12	Tested
Mercury	1		<LOQ	Tested

ND = Not Detected; LOQ = Limit of Quantification; Tested Metals: Arsenic, Cadmium, Lead, Mercury. Heavy Metals analyzed per Digipath Labs SOP-321 using an Agilent 7700 ICP-MS.

Complete

Microbials

Complete

Analyte	LOQ	Limit	Units	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	100		<100	Tested
Bile-Tolerant Gram-Negative Bacteria	100		<100	Tested
Coliforms	100		NR	NT
Yeast & Mold	100		NR	NT
STEC E. coli			Negative	Tested
Salmonella			Negative	Tested
Aspergillus niger			NR	NT
Aspergillus flavus			NR	NT
Aspergillus fumigatus			NR	NT
Aspergillus terreus			NR	NT

NR = Not Reported; NT = Not Tested; TNTC = Too Numerous to Count > 10x Limit; Microbials analyzed per Digipath Labs SOP-350 using a Bio-Rad CFX96 real-time system or SOP-351 using 3M petrifilm plates.

Mycotoxins

Not Tested

Analyte	LOQ	Limit	Mass	Status
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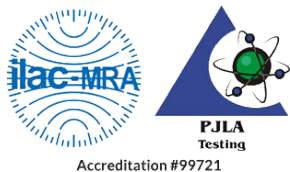
Tested Mycotoxins: aflatoxin B1, aflatoxin B2, aflatoxin G1, aflatoxin G2, and Ochratoxin. LOQ = Limit of Quantification; LOD = Limit of Detection; Aflatoxin LOD = 20 PPB Ochratoxin LOD = 1.9 ppb. Analyzed per Digipath Labs SOP-353 using a PE Victor X3 Plate Reader.

Solvents

Complete

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	3.579		<LOQ	Tested
Heptanes	1.086		<LOQ	Tested
Propane	2.613		<LOQ	Tested

NR = Not Reported; ND = Not Detected; LOQ = Limit of Quantification. Solvents analyzed per Digipath Labs SOP-320 on an Agilent 7697A/7890B/5977A Headspace GC/MS.




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Lab Director

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