

BlueLeaf Laboratory 673 N. Bardstown Rd. Mount Washington, KY, 40047 (502) 444-2044 www.blueleaflaboratory.com Lic # 19-05-02P



Matrix: Topical

Harvest/Lot ID: Seed to Sale: *

Batch Date: 03/08/22 Batch #: 04142215

Ordered: 03/08/22 Completed: 05/21/22

Sample Size Received: 60 ml Retail Product Size:

Skin Formula CBD lotion 500mg

Accession Number: 030822UD0006

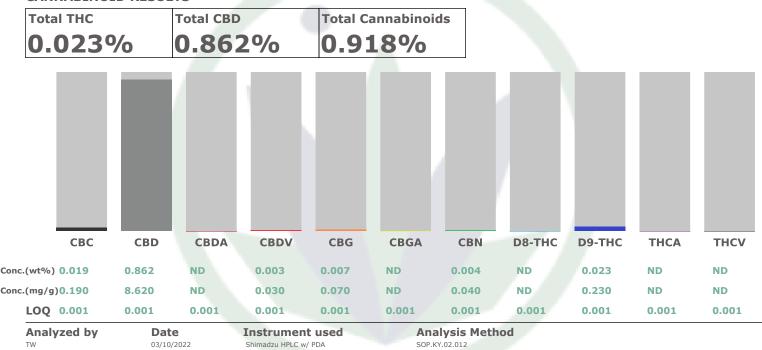
Sampling Method: SOP Client Method

Certificate of Analysis

May 21,2022 | Cornbread Hemp CORNBREAD

Louisville, KENTUCKY,

CANNABINOID RESULTS



Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-PDA). SOP.KY.02.005 for sample prep and SOP.KY.02.012 for analysis. % = %w/w = Percent (Weight of Analyte/Weight Product) Total Cannabinoids result reflects the absolute sum of all cannabinoids detected. **Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation Total THC = THC + (THCa*0.877) Total CBD = CBD + (CBDa*0.877)

PASSED

Filth & Foreign Matter

Analyzed by	Date	Instrument used	Analysis Method				
TW	03/10/2022	Microscope (Amscope)	SOP.KY.02.011				

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and byproducts. An SH-2B/T Stereo Microscope is used for inspection. (Method: SOP.KY.02.011)

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Daniel Burriss Lab Director

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> PJLA Testing

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Certificate of Analysis

Cornbread Hemp

Louisville, KENTUCKY, **Telephone**:

Email: Melissa@cornbreadhemp.com



Matrix: Topical Accession Number: 030822UD0006 Harvest/Lot ID: Seed to Sale: * Batch Date: 03/08/22 Batch #: 04142215 Sample Size Received: 60 ml Retail Product Size: Ordered: 03/08/22 Completed: 05/21/22

Skin Formula CBD lotion 500mg

Sampling Method: SOP Client Method

Pesticides									Ρ	AS:	SED
Pesticides	LLOQ	Result	Units	Action Level	Pass / Fail	Pesticides	LLOQ	Result	Units	Action Level	Pass / Fail
Abamectin B1a	0.02	ND	ppm	0.5	PASS	Acephate	0.01	ND	ppm	0.4	PASS
Acequinocyl	0.05	ND	ppm	2	PASS	Acetamiprid	0.01	ND	ppm	0.2	PASS
Aldicarb	0.02	ND	ppm	0.4	PASS	Azoxystrobin	0.01	ND	ppm	0.2	PASS
Bifenazate	0.01	ND	ppm	3.0	PASS	Bifenthrin	0.01	ND	ppm	0.2	PASS
Boscalid	0.01	ND	ppm	0.4	PASS	Carbaryl	0.01	ND	ppm	0.2	PASS
Carbofuran	0.01	ND	ppm	0.2	PASS	Chlorantraniliprole	0.01	ND	ppm	0.2	PASS
Chlorpyrifos	0.01	ND	ppm	0.2	PASS	cis-Permethrin	0.0041	ND	ppm	0.4	PASS
Clofentezine	0.01	ND	ppm	0.2	PASS	Coumaphos	0.01	ND	ppm	0.2	PASS
Cypermethrin	0.02	ND	ppm	1	PASS	Daminozide	0.02	ND	ppm	1	PASS
Diazanon	0.01	ND	ppm	0.2	PASS	Dichlorvos	0.05	ND	ppm	0.1	PASS
Dimethoate	0.01	ND	ppm	0.2	PASS	Dimethomorph	0.005	ND	ppm	0.1	PASS
Ethoprophos	0.01	ND	ppm	0.2	PASS	Etofenprox	0.01	ND	ppm	0.4	PASS
Etoxazole	0.01	ND	ppm	0.2	PASS	Fenhexamid	0.005	ND	ppm	0.1	PASS
Fenoxycarb	0.01	ND	ppm	0.2	PASS	Fenpyroximate	0.01	ND	ppm	0.4	PASS
Fipronil	0.02	ND	ppm	0.4	PASS	Flonicamid	0.01	ND	ppm	1	PASS
Fludioxonil	0.01	ND	ppm	0.4	PASS	Hexythiazox	0.01	ND	ppm	1	PASS
Imazalil	0.01	ND	ppm	0.2	PASS	Imidacloprid	0.01	ND	ppm	0.4	PASS
Kresoxim-Methyl	0.01	ND	ppm	0.4	PASS	Malathion	0.01	ND	ppm	0.2	PASS
Metalaxyi	0.01	ND	ppm	0.2	PASS	Methiocarb	0.01	ND	ppm	0.2	PASS
Methomyl	0.01	ND	ppm	0.4	PASS	Mevinphos	0.01	ND	ppm	0.1	PASS
Myclobutanil	0.01	ND	ppm	0.2	PASS	Naled	0.01	ND	ppm	0.5	PASS
Oxamyl	0.01	ND	ppm	1	PASS	Paclobutrazol	0.01	ND	ppm	0.4	PASS
Permethrins (sum)	0.05	ND	ppm	1	PASS	Phosmet	0.01	ND	ppm	0.2	PASS
Piperonyl Butoxide	0.01	ND	ppm	2	PASS	Prallethrin	0.05	ND	ppm	0.2	PASS
Propiconazole	0.01	ND	ppm	0.4	PASS	Propoxur	0.01	ND	ppm	0.2	PASS
Pyrethrin I	0.01	ND	ppm	1	PASS	Pyridaben	0.01	ND	ppm	0.2	PASS
Spinetoram	0.01	ND	ppm	0.5	PASS	Spinosad (Spinosyn A)	0.01	ND	ppm	0.2	PASS
Spinosad (Spinosyn D)	0.01	ND	ppm	0.2	PASS	Spiromesifen	0.01	ND	ppm	0.2	PASS
Spirotetramat	0.02	ND	ppm	0.2	PASS	Spiroxamine	0.01	ND	ppm	0.2	PASS
Tebuconazole	0.01	ND	ppm	0.4	PASS	Thiacloprid	0.01	ND	ppm	0.2	PASS
Thiamethoxam	0.01	ND	ppm	0.2	PASS	trans-Permethrin	0.0118	ND	ppm	0.4	PASS
Trifloxystrobin	0.01	ND	ppm	0.2	PASS						
Analyzed by	Date]	nstrum	ent used		Analysis Metho	d				
DB	03/10/202	2	Shimadzu LC№	ISMS 8060		SOP.KY.02.022					

Pesticide screening is performed using LC/MS/MS which can screen down to below single digit ppb concentrations for the 57 pesticides analyzed. (Method: SOP.KY.02.022)

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Daniel Burriss

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Skin Formula CBD lotion 500mg **Certificate of Analysis** Matrix: Topical Accession Number: 030822UD0006 Harvest/Lot ID: **Cornbread Hemp** Seed to Sale: * CORNBREAD Batch Date: 03/08/22 Batch #: 04142215 Louisville, KENTUCKY, Sample Size Received: 60 ml Telephone: **Retail Product Size:** Email: Melissa@cornbreadhemp.com Ordered: 03/08/22 Completed: 05/21/22 Sampling Method: SOP Client Method PASSE **Mycotoxins** Pass / Pass / Action Action LLOQ LLOQ Analyte Result Units Analyte Result Units Fail Fail Level Level Aflatoxin B1 0.001 ND ppm 0.2 Aflatoxin B2 0.001 ND 0.2 PASS ppm PASS Aflatoxin G1 0.001 ND ppm 0.2 Aflatoxin G2 0.001 ND 0.2 PASS ppm PASS Ocratoxin A+ 0.001 ND ppm 0.2 PASS Analyzed by Date Instrument used Analysis Method DB 03/10/2022 Shimadzu LCMSMS 8060 SOP.KY.02.022 Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC/MS/MS. (Method: SOP.KY.02.022) Residual PASSE PASS **Heavy Metals** Solvents Metal LLOO Result Unit Action Pass / Solvent LLOQ Result Units Action Pass/Fail Level Fail Level (PPM) ND PASS Arsenic ppm Cadmium 0.2 ND PASS ppm 2 2-Propanol 60 ND ppm PASS 5000 PASS Lead 0.2 ND ppm 5 Acetone 60 ND PASS ppm 5000 Mercury 0.2 ND ppm PASS Acetonitrile 60 ND ppm 410 PASS 200 ND PASS Analyzed by Date Instrument used **Analysis Method** Butane ppm 5000 60 ND PASS 03/10/2022 Ethyl Acetate DB Shimadzu ICP/MS SOP.KY.02.020 ppm 5000 Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer which can screen for toxic heavy metals (Arsenic, Cadmium, Lead, and Mercury). (Method SOP.KY.02 Ethvl Ether 40 ND PASS ppm 5000 nic, Cadmium, Lead, and Mercury). (Method SOP.KY.02.020) ppm Heptane 40 ND PASS 5000 Hexane 40 ND ppm 290 PASS PASSE 200 ND PASS Isobutan ppm 5000 Microbials PASS M/P-Xylene 80 ND ppm 2170 Methanol 40 ND ppm 3000 PASS Analyte Result O-Xylene 40 ND PASS ppm 2170 Pentane 60 ND ppm 5000 PASS Aspergillus Flavus not present in 1 gram. 400 PASS Propane ND ppm Aspergillus Fumigatus 5000 not present in 1 gram. PASS 40 ND Toluene ppm 890 Aspergillus Niger not present in 1 gram. Total Xylenes 120 ND PASS ppm 2170 Aspergillus Terreus not present in 1 gram. **Analysis Method** E. Coli not present in 1 gram. Analyzed by Date Instrument used 03/10/2022 Salmonella Shimadzu GC 2010+ SOP.KY.02.016 not present in 1 gram. DB Residual solvents testing for 16 common extraction solvents is performed via GC/MS. (Method Analyzed by Date Instrument used Analysis Method SOP.KY.02.024) 03/14/2022 SOP.KY.02.018 TW PathogenDX Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method avoids guardination of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.KY.02.018) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

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