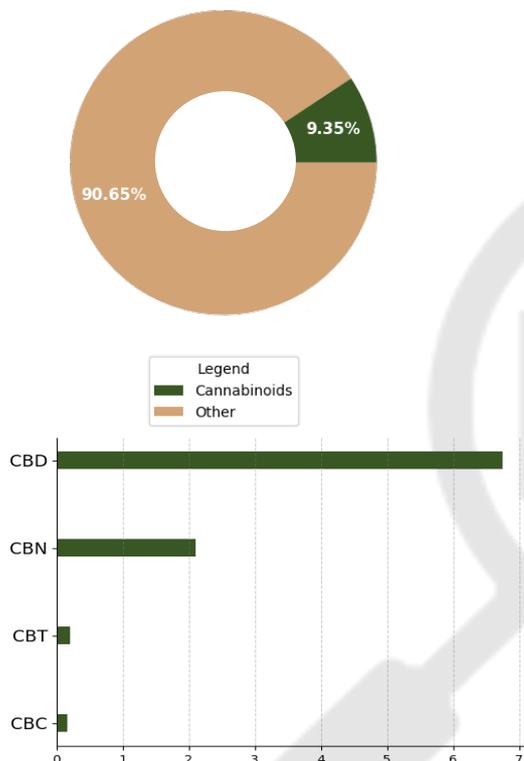


CBN Soft Gels

Batch ID:	21G2011507	Received:	07/16/2021	Analysis:	18 Cannabinoid Potency
Sample Type:	Soft Gel/Capsule	Analyzed:	07/20/2021	Method:	2021.18P.01
		Test ID:	1109	Equipment:	UHPLC

CANNABINOID PROFILE
TOTAL CANNABINOID CONTENT


Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	5.85e-05	1.77e-04	6.75	67.54
Cannabigerol (CBG)	5.46e-05	1.66e-05	0.01	0.10
Δ9-Tetrahydrocannabinol (Δ9-THC)	4.87e-05	1.48e-04	0.13	1.33
Cannabacitrin (CBT)	5.03e-05	1.52e-04	0.20	1.99
Cannabichromene (CBC)	4.96e-05	1.50e-04	0.16	1.55
Cannabinol (CBN)	4.94e-05	1.50e-04	2.10	21.02
Cannabicyclol (CBL)	2.04e-05	6.19e-05	ND	ND
Cannabicyclic acid (CBLA)	3.88e-05	1.17e-04	ND	ND
Tetrahydrocannabivarin (THCV)	5.74e-05	1.74e-04	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	6.81e-05	2.06e-04	ND	ND
Cannabinolic (CBNA)	2.56e-05	7.76e-05	ND	ND
Tetrahydrocannabivarin Acid (THCVA)	5.24e-05	1.59e-04	ND	ND
Cannabigerolic acid (CBGA)	5.18e-05	1.57e-04	ND	ND
Cannabidiolic acid (CBDA)	5.53e-05	1.68e-04	ND	ND
Cannabidivarin (CBDV)	4.64e-05	1.41e-04	ND	ND
Tetrahydrocannabinolic Acid (THCA)	5.99e-05	1.82e-04	ND	ND
Cannabichromenic acid (CBCA)	5.41e-05	1.64e-04	ND	ND
Cannabidivarinic Acid (CBDVA)	4.88e-05	1.48e-04	ND	ND
Total Cannabinoid**			9.35	93.54
Total Potential THC*			0.13	1.33
Total Potential CBD*			6.75	67.54
Total Potential CBG*			0.01	0.10

* Total Potential THC/CBD/CBG is calculated using the following formulas to consider the loss of a carboxyl group during decarboxylation step.

* Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDA *(0.877)) and Total CBG = CBG + (CBGa*(0.877))

** Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

REMARKS

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION


Brian McCoy 07/20/2021 01:23 PM

ANALYZED BY/DATE


Logan Cline 07/20/2021 02:56 PM

AUTHORIZED BY/DATE


Madi Smith 07/20/2021 03:00 PM

RELEASED BY/DATE

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License No. 800025015
 FL License # CMTL-0003
 CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Extract Labs
 3620 Walnut St
 Boulder, CO 80301

Batch # 21G2011507
 Batch Date: 2021-07-15
 Extracted From: Hemp

Test Reg State: Oregon

Order # EXT210716-010046
 Order Date: 2021-07-16
 Sample # AABQ477

Sampling Date: 2021-07-20
 Lab Batch Date: 2021-07-20
 Completion Date: 2021-07-23

Initial Gross Weight: 15.570 g
 Net Weight: 5.590 g

Number of Units: 2
 Net Weight per Unit: 2795.000 mg



Product Image

Mycotoxins
 Passed

Microbiology
 (qPCR)
 Passed

Potency Panel Not Included

Xueli Gao Lab Toxicologist
 Ph.D., DABT

Aixia Sun Lab Director/Principal Scientist
 D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram



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License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Extract Labs
3620 Walnut St
Boulder, CO 80301

Batch # 21G2011507
Batch Date: 2021-07-15
Extracted From: Hemp

Test Reg State: Oregon

Order # EXT210716-010046
Order Date: 2021-07-16
Sample # AABQ477

Sampling Date: 2021-07-20
Lab Batch Date: 2021-07-20
Completion Date: 2021-07-23

Initial Gross Weight: 15.570 g
Net Weight: 5.590 g

Number of Units: 2
Net Weight per Unit: 2795.000 mg

Mycotoxins

Specimen Weight: 184.180 mg

Passed
(LCMS)

Dilution Factor: 8.144

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin B2	6	20	<LOQ
Aflatoxin G1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Ochratoxin A	12	20	<LOQ				

Microbiology (qPCR)

Specimen Weight: 243.520 mg

Passed
(qPCR)

Dilution Factor: 1.000

Analyte	Result	Analyte	Result
Total Aerobic Count	Passed	Total Coliform	Passed
Total Enterobacteriaceae	Passed	Total Yeast/Mold	Passed

Xueli Gao
Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

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CBN Soft Gels

Batch ID:	21G2011507	Received:	07/16/2021	Analysis:	Residual Solvents
Sample Type:	Soft Gel/Capsule	Analyzed:	07/20/2021	Method:	2021.RS.01
		Test ID:	1110	Equipment:	GCMS

RESIDUAL SOLVENTS

SOLVENT	REPORTABLE RANGE	RESULT (ppm)
Acetone	100 - 1000	*ND
Acetonitrile	100 - 1000	*ND
Benzene	0.2 - 4	*ND
Butanes	100 - 1000	*ND
Ethanol	100 - 1000	*ND
Ethyl Acetate	100 - 1000	*ND
Heptane	100 - 1000	*ND
Hexanes	6 - 120	*ND
Isopropyl Alcohol	100 - 1000	*ND
Methanol	100 - 1000	*ND
Pentanes	100 - 1000	*ND
Propane	100 - 1000	*ND
Toluene	18 - 360	*ND
Xylenes	43 - 860	*ND

*ND = Below Reportable Range

REMARKS

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION


Brian McCoy 07/20/2021 08:31 AM

ANALYZED BY/DATE


Logan Cline 07/20/2021 09:57 AM

AUTHORIZED BY/DATE


Madi Smith 07/20/2021 10:12 AM

RELEASED BY/DATE

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Product Specification

Full Spectrum PM Hemp Soft Gels

Product Information

Product	Full Spectrum Hemp PM Soft Gels
Botanical name	<i>Cannabis sativa</i> L.
Plant Part	Flower
Country of Origin	USA
Extraction Process	CO2 Extraction, Winterization, Distillation
Ingredient Statement	Organic Fractionated Coconut Oil, CO2-Extracted Full Spectrum Hemp Oil, Vegetable Glycerin, Gelatin

Organoleptic Description

Appearance	Golden, light amber colored gel capsules
Aroma	Typical
Taste	Characteristic

Physical Characteristics

Cannabidiol Content (CBD):	900mg per 30 capsules; 30mg per capsule
Cannabinol Content (CBN):	300mg per 30 capsules, 10mg per capsule
Tetrahydrocannabinol Content (THC):	<0.3%

Shelf Life

Shelf life in original container two years from manufacture date.

Packaging

Gross weight 1.1oz (30g), net weight 0.73oz (20.7g)
White, plastic bottle containing 30 capsules.

Recommended Storage Conditions

Store at ambient conditions in airtight container.

GMP Certification

This product was formulated in a cGMP Compliant Facility, audited through Eurofins, Certificate #4949.

I declare that the information given is believed to be correct as of date specified below.

Name: Nick Peters

Title: Quality Manager

Date: May 25, 2021

KF

Batch ID:	N/A	Test ID:	T000107185
Type:	Plant	Submitted:	10/30/2020 @ 12:08 PM
Test:	Metals	Started:	11/4/2020
Method:	TM19	Reported:	11/4/2020

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.036 - 3.56	ND
Cadmium	0.035 - 3.49	ND
Mercury	0.036 - 3.56	ND
Lead	0.034 - 3.40	ND

* ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL

Daniel Weidensaul
4-Nov-2020
5:58 PMGreg Zimpfer
4-Nov-2020
8:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.

KF

Batch ID:		Test ID:	T000107184
Type:	Plant	Submitted:	10/30/2020 @ 12:08 PM
Test:	Pesticides	Started:	11/3/2020
Method:		Reported:	11/4/2020

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	38 - 2235	ND*	Malathion	272 - 2235	ND*
Acetamiprid	37 - 2235	ND*	Metalaxyl	261 - 2235	ND*
Abamectin	>250	ND*	Methiocarb	38 - 2235	ND*
Azoxystrobin	41 - 2235	ND*	Methomyl	37 - 2235	ND*
Bifenazate	271 - 2235	ND*	MGK 264 1	143 - 2235	ND*
Boscalid	265 - 2235	ND*	MGK 264 2	109 - 2235	ND*
Carbaryl	38 - 2235	ND*	Myclobutanil	39 - 2235	ND*
Carbofuran	38 - 2235	ND*	Naled	256 - 2235	ND*
Chlorantraniliprole	247 - 2235	ND*	Oxamyl	35 - 2235	ND*
Chlorpyrifos	273 - 2235	ND*	Paclobutrazol	39 - 2235	ND*
Clofentezine	259 - 2235	ND*	Permethrin	282 - 2235	ND*
Diazinon	272 - 2235	ND*	Phosmet	266 - 2235	ND*
Dichlorvos	>242	ND*	Prophos	249 - 2235	ND*
Dimethoate	37 - 2235	ND*	Propoxur	38 - 2235	ND*
E-Fenpyroximate	291 - 2235	ND*	Pyridaben	39 - 2235	ND*
Etofenprox	43 - 2235	ND*	Spinosad A	38 - 2235	ND*
Etoxazole	42 - 2235	ND*	Spinosad D	11 - 2235	ND*
Fenoxycarb	>253	ND*	Spiromesifen	>30	ND*
Fipronil	315 - 2235	ND*	Spirotetramat	>256	ND*
Flonicamid	40 - 2235	ND*	Spiroxamine 1	15 - 2235	ND*
Fludioxonil	>299	ND*	Spiroxamine 2	21 - 2235	ND*
Hexythiazox	297 - 2235	ND*	Tebuconazole	274 - 2235	ND*
Imazalil	55 - 2235	ND*	Thiacloprid	37 - 2235	ND*
Imidacloprid	39 - 2235	ND*	Thiamethoxam	36 - 2235	ND*
Kresoxim-methyl	246 - 2235	ND*	Trifloxystrobin	38 - 2235	ND*

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL

 Tyler Wiese
 4-Nov-2020
 5:59 PM


 Greg Zimpfer
 4-Nov-2020
 8:39 PM

PREPARED BY / DATE

APPROVED BY / DATE

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