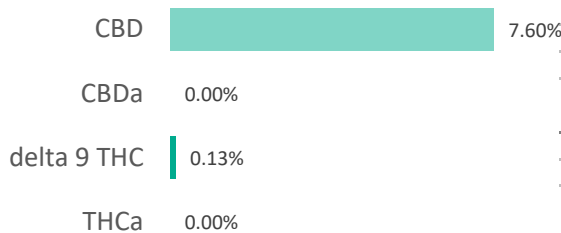
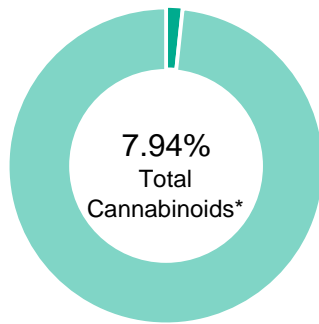


SOFT GELS

Batch ID:	19G1012111	Test ID:	4614744.0029
Reported:	27-Nov-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.06	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.03	0.13	1.3
Cannabidiolic acid (CBDA)	0.06	0.00	0.0
Cannabidiol (CBD)	0.03	7.60	76.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.03	0.00	0.0
Cannabinolic Acid (CBNA)	0.08	0.00	0.0
Cannabinol (CBN)	0.04	0.00	0.0
Cannabigerolic acid (CBGA)	0.05	0.00	0.0
Cannabigerol (CBG)	0.03	0.05	0.5
Tetrahydrocannabivarinic Acid (THCVA)	0.05	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.03	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.05	0.00	0.0
Cannabidivarin (CBDV)	0.03	0.00	0.0
Cannabichromenic Acid (CBCA)	0.04	0.00	0.0
Cannabichromene (CBC)	0.05	0.16	1.6
Total Cannabinoids		7.94	79.40
Total Potential THC**		0.13	1.30
Total Potential CBD**		7.60	76.00


NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of 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 step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$
FINAL APPROVAL


Tyler Wiese
27-Nov-2019
1:45 PM

PREPARED BY / DATE



Greg Zimpfer
27-Nov-2019
1:56 PM

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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



SOFT GELS

Batch ID:	19G1012111	Test ID:	8155225.013
Reported:	27-Nov-2019	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100 - 2000	0
Butanes (Isobutane, n-Butane)	100 - 2000	0
Pentane	100 - 2000	0
Ethanol	100 - 2000	0
Acetone	100 - 2000	0
Isopropyl Alcohol	100 - 2000	0
Hexane	6 - 120	0
Benzene	0.2 - 4	0.0
Heptanes	100 - 2000	0
Toluene	18 - 360	0
Xylenes (m,p,o-Xylenes)	43 - 860	0

NOTES:

Free from visual mold, mildew, and foreign matter.

FINAL APPROVAL

 Karen Winternheimer 27-Nov-2019 3:26 PM	 Greg Zimpfer 27-Nov-2019 3:38 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

SOFT GELS

Batch ID:	19G1012111	Test ID:	5995039.021
Reported:	25-Nov-2019	Method:	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
<i>E. coli</i>	None Detected
<i>Salmonella</i>	None Detected

* CFU/g = Colony Forming Unit per Gram

** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU

NOTES:



Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

FINAL APPROVAL


Robert Belfon
25-Nov-2019
4:28 PM
David Green
25-Nov-2019
5:42 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Services, LLC, in the condition it was received. Botanacor Services, 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 Services, LLC.

SOFT GELS

Batch ID:	19G1012111	Test ID:	8856428.0030
Reported:	26-Nov-2019	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	46 - 2131	ND*	Malathion	46 - 2131	ND*
Acetamiprid	46 - 2131	ND*	Metalaxyl	276 - 2131	ND*
Avermectin	276 - 2131	ND*	Methiocarb	46 - 2131	ND*
Azoxystrobin	46 - 2131	ND*	Methomyl	46 - 2131	ND*
Bifenazate	46 - 2131	ND*	MGK 264 1	46 - 2131	ND*
Boscalid	276 - 2131	ND*	MGK 264 2	276 - 2131	ND*
Carbaryl	46 - 2131	ND*	Myclobutanil	276 - 2131	ND*
Carbofuran	46 - 2131	ND*	Naled	276 - 2131	ND*
Chlorantraniliprole	46 - 2131	ND*	Oxamyl	46 - 2131	ND*
Chlorpyrifos	276 - 2131	ND*	Paclobutrazol	46 - 2131	ND*
Clofentezine	46 - 2131	ND*	Permethrin	276 - 2131	ND*
Diazinon	46 - 2131	ND*	Phosmet	46 - 2131	ND*
Dichlorvos	276 - 2131	ND*	Prophos	276 - 2131	ND*
Dimethoate	46 - 2131	ND*	Propoxur	276 - 2131	ND*
E-Fenpyroximate	276 - 2131	ND*	Pyridaben	276 - 2131	ND*
Etofenprox	276 - 2131	ND*	Spinosad A	46 - 2131	ND*
Etoxazole	276 - 2131	ND*	Spinosad D	276 - 2131	ND*
Fenoxycarb	46 - 2131	ND*	Spiromesifen	46 - 2131	ND*
Fipronil	276 - 2131	ND*	Spirotetramat	276 - 2131	ND*
Flonicamid	46 - 2131	ND*	Spiroxamine 1	46 - 2131	ND*
Fludioxonil	276 - 2131	ND*	Spiroxamine 2	46 - 2131	ND*
Hexythiazox	276 - 2131	ND*	Tebuconazole	46 - 2131	ND*
Imazalil	276 - 2131	ND*	Thiacloprid	46 - 2131	ND*
Imidacloprid	46 - 2131	ND*	Thiamethoxam	46 - 2131	ND*
Kresoxim-methyl	46 - 2131	ND*	Trifloxystrobin	276 - 2131	ND*

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

N/A

FINAL APPROVAL


Sam Smith
 26-Nov-2019
 7:08 AM
 PREPARED BY / DATE


David Green
 26-Nov-2019
 8:15 AM
 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.

SOFT GELS

Batch ID:	19G1012111	Test ID:	T000045211
Reported:	31-Dec-2019	Method:	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
Type:	Other		
Test:	Metals		

HEAVY METALS

Compound	Reporting Limit (ppm)	Result (ppm)
Arsenic	0.05	<0.05
Cadmium	0.05	<0.05
Lead	0.05	0.08
Mercury	0.05	<0.05

FINAL APPROVAL


Sam Smith
31-Dec-2019
1:59 PM
PREPARED BY / DATE


David Green
31-Dec-2019
2:07 PM
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.



EXTRACT LABS
AMERICAN HEMP

3620 Walnut Street
Boulder, CO 80301
(303) 927-6130

Product Specification

Full Spectrum Hemp Soft Gels 1000mg/30 capsules

Product Information

Product	Full Spectrum Hemp Soft Gels
Botanical name	<i>Cannabis sativa</i> L.
Plant Part	Flower
Country of Origin	USA
Extraction Process	CO2 Extraction, Winterization
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):	1000mg per 30 capsules; 33mg per capsule
Tetrahydrocannabinol Content (THC):	<0.3%

Shelf Life

Shelf life in original container for up to one year.

Packaging

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: Alyssa Rosenblum

Title: Quality Manager

Date: February 7th, 2020