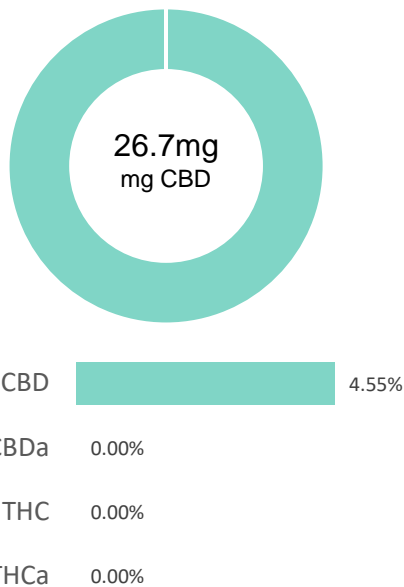


CBD SOFTGELS

Batch ID:	4	Test ID:	4579725.0026
Reported:	20-Jul-2019	Method:	TM14
Type:	Unit		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.26	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.13	0.00	0.0
Cannabidiolic acid (CBDA)	0.24	0.00	0.0
Cannabidiol (CBD)	0.14	26.70	45.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.14	0.00	0.0
Cannabinolic Acid (CBNA)	0.35	0.00	0.0
Cannabinol (CBN)	0.16	0.00	0.0
Cannabigerolic acid (CBGA)	0.22	0.00	0.0
Cannabigerol (CBG)	0.13	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.22	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.11	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.23	0.00	0.0
Cannabidivarin (CBDV)	0.12	0.00	0.0
Cannabichromenic Acid (CBCA)	0.19	0.00	0.0
Cannabichromene (CBC)	0.23	0.00	0.0
Total Cannabinoids		26.70	45.51
Total Potential THC**		0.00	0.00
Total Potential CBD**		26.70	45.51

% = % (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.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

NOTES:

of Servings = 1, Sample Weight=0.58662g

N/A

FINAL APPROVAL


Daniel Weidensaul
 20-Jul-2019
 3:32 PM
 PREPARED BY / DATE


Mike Branvold
 20-Jul-2019
 7:42 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



GEL CAPS

Batch ID:	04	Test ID:	9496656.003
Reported:	4-Aug-2019	Method:	Edible - Test Methods: TM05, TM06
Type:	Edible		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	None Detected
Salmonella	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
4-Aug-2019
4:00 PM



Mike Branvold
4-Aug-2019
8:47 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Gel Caps

Batch ID:	04	Test ID:	7434248.007
Reported:	12-Aug-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	1333
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 12-Aug-2019 3:38 PM	 David Green 12-Aug-2019 3:40 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02


Gel Caps

Batch ID:	04	Test ID:	1786451.006
Reported:	6-Aug-2019	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	49 - 2285	ND*	Malathion	49 - 2285	ND*
Acetamiprid	49 - 2285	ND*	Metalaxyl	296 - 2285	ND*
Avermectin	296 - 2285	N/A	Methiocarb	49 - 2285	ND*
Azoxystrobin	49 - 2285	ND*	Methomyl	49 - 2285	ND*
Bifenazate	49 - 2285	ND*	MGK 264 1	49 - 2285	ND*
Boscalid	296 - 2285	ND*	MGK 264 2	296 - 2285	ND*
Carbaryl	49 - 2285	ND*	Myclobutanil	296 - 2285	ND*
Carbofuran	49 - 2285	ND*	Naled	296 - 2285	ND*
Chlorantraniliprole	49 - 2285	ND*	Oxamyl	49 - 2285	ND*
Chlorpyrifos	296 - 2285	ND*	Paclobutrazol	49 - 2285	ND*
Clofentezine	49 - 2285	ND*	Permethrin	296 - 2285	ND*
Diazinon	49 - 2285	ND*	Phosmet	49 - 2285	ND*
Dichlorvos	296 - 2285	ND*	Prophos	296 - 2285	ND*
Dimethoate	49 - 2285	ND*	Propoxur	296 - 2285	ND*
E-Fenpyroximate	296 - 2285	ND*	Pyridaben	296 - 2285	ND*
Etofenprox	296 - 2285	ND*	Spinosad A	49 - 2285	ND*
Etoxazole	296 - 2285	ND*	Spinosad D	296 - 2285	ND*
Fenoxycarb	49 - 2285	ND*	Spiromesifen	49 - 2285	ND*
Fipronil	296 - 2285	N/A	Spirotetramat	296 - 2285	ND*
Flonicamid	49 - 2285	ND*	Spiroxamine 1	49 - 2285	ND*
Fludioxonil	296 - 2285	ND*	Spiroxamine 2	49 - 2285	ND*
Hexythiazox	296 - 2285	ND*	Tebuconazole	49 - 2285	ND*
Imazalil	296 - 2285	ND*	Thiacloprid	49 - 2285	ND*
Imidacloprid	49 - 2285	ND*	Thiamethoxam	49 - 2285	ND*
Kresoxim-methyl	49 - 2285	ND*	Trifloxystrobin	296 - 2285	ND*

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

FINAL APPROVAL


Chris Jungling
 6-Aug-2019
 7:51 PM

PREPARED BY / DATE



Mike Branvold
 6-Aug-2019
 8:25 PM

APPROVED BY / DATE

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