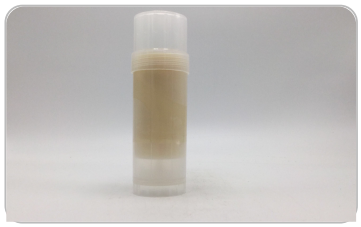
CERTIFICATE OF ANALYSIS
ISO/IEC 17025:2017 ACCREDITATION #103104

Order #: 50833
Order Name: CBD Stick 1000mg
Batch#: 5004
Received: 03/13/2020
Completed: 03/17/2020

GoGreen Hemp
1830 N University Dr. Suite 372
Plantation FL, 33322
(954) 533-0089
info@gogreenhemp.com

Sample



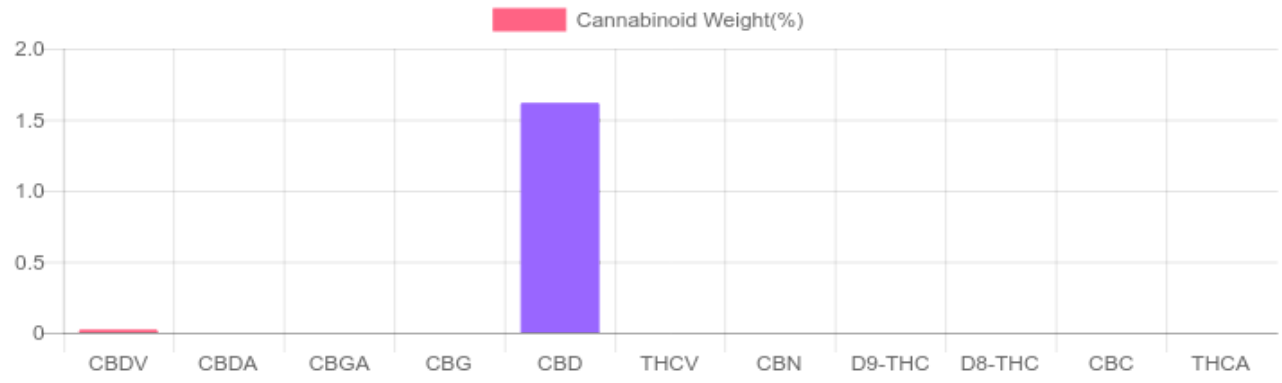
N/D	1.617%
D9-THC	Total CBD
917.3 mg	905.5 mg
Cannabinoids per stick	CBD per stick

1 stick = 56 grams per stick x Cannabinoid concentration

Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA
GSL SOP 400 **PREPARED:** 03/13/2020 16:23:34

Cannabinoids	LOQ	weight(%)	mg/g	mg/stick
D9-THC	10 PPM	N/D	N/D	N/D
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	**1.617%**	**16.169**	**905.5**
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	**0.021%**	**0.211**	**11.8**
CBC	10 PPM	N/D	N/D	N/D
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	N/D	N/D	N/D
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		**N/D**	**N/D**	**N/D**
TOTAL CBD*		**1.617%**	**16.169**	**905.5**
TOTAL CANNABINOIDS		**1.638%**	**16.380**	**917.3**



Reporting Limit 10 ppm
*Total CBD = CBD + CBDA x 0.877
N/D - Not Detected, B/LOQ - Below Limit of Quantification

Dr. Andrew Hall, Ph.D.,Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

Green Scientific Labs
info@greenscientificlabs.com
1-833 TEST CBD

Green Scientific Labs uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgment and levels listed are guidelines only and all data was reported based on standard laboratory procedures and deviations. However Green Scientific Labs makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of the data contained herein in any way. Further, Green Scientific Labs makes no claims regarding representations of the analyzed sample to the larger batch from which it was taken. Data and information in this report are intended solely for the individual(s) for whom samples were submitted and as part of our strict confidentiality policy, Green Scientific Labs can only discuss results with the original client of record.

botanacor

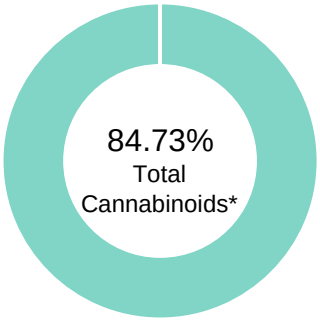
CERTIFICATE OF ANALYSIS

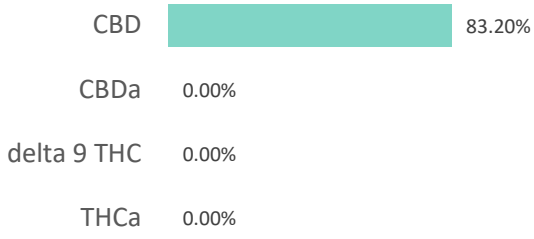
prepared for: GOGREEN HEMP
1830 N. UNIVERSITY DR.
PLANTATION, FL 33322

THC Free CBD Rich Hemp Oil

Batch ID:	0361	**Test ID:**	4733534.0065
Reported:	30-Oct-2019	**Method:**	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE





Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.17	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.08	0.00	0.0
Cannabidiolic acid (CBDA)	0.38	0.00	0.0
Cannabidiol (CBD)	0.21	83.20	832.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.09	0.00	0.0
Cannabinolic Acid (CBNA)	0.23	0.00	0.0
Cannabinol (CBN)	0.10	0.00	0.0
Cannabigerolic acid (CBGA)	0.15	0.00	0.0
Cannabigerol (CBG)	0.08	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.15	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.08	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.35	0.00	0.0
Cannabidivarin (CBDV)	0.19	1.53	15.3
Cannabichromenic Acid (CBCA)	0.13	0.00	0.0
Cannabichromene (CBC)	0.15	0.00	0.0
Total Cannabinoids		**84.73**	**847.30**
Total Potential THC**		0.00	0.00
Total Potential CBD**		83.20	832.00

% = % (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:
N/A

FINAL APPROVAL

Daniel Weidensaul
30-Oct-2019
6:11 PM
PREPARED BY / DATE

David Green
30-Oct-2019
7:30 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

ilac-MRA A2LA ACCREDITED
Certificate #4329.02

Botanacor Laboratories™, All Rights Reserved | 1001 S. Galapago St., Denver, CO 80223 | 888.800.8223 | www.Botanacor.com

botanacor

CERTIFICATE OF ANALYSIS

prepared for: GOGREEN HEMP
1830 N. UNIVERSITY DR.
PLANTATION, FL 33322

THC Free CBD Rich Hemp Oil

Batch ID:	0361	**Test ID:**	7015531.0029
Reported:	30-Oct-2019	**Method:**	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	51 - 2341	ND*
Acetamiprid	51 - 2341	ND*
Avermectin	303 - 2341	ND*
Azoxystrobin	51 - 2341	ND*
Bifenazate	51 - 2341	ND*
Boscalid	303 - 2341	ND*
Carbaryl	51 - 2341	ND*
Carbofuran	51 - 2341	ND*
Chlorantraniliprole	51 - 2341	ND*
Chlorpyrifos	303 - 2341	ND*
Clofentezine	51 - 2341	ND*
Diazinon	51 - 2341	ND*
Dichlorvos	303 - 2341	ND*
Dimethoate	51 - 2341	ND*
E-Fenpyroximate	303 - 2341	ND*
Etofenprox	303 - 2341	ND*
Etoxazole	303 - 2341	ND*
Fenoxycarb	51 - 2341	ND*
Fipronil	303 - 2341	ND*
Flonicamid	51 - 2341	ND*
Fludioxonil	303 - 2341	ND*
Hexythiazox	303 - 2341	ND*
Imazalil	303 - 2341	ND*
Imidacloprid	51 - 2341	ND*
Kresoxim-methyl	51 - 2341	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	51 - 2341	ND*
Metalaxyl	303 - 2341	ND*
Methiocarb	51 - 2341	ND*
Methomyl	51 - 2341	ND*
MGK 264 1	51 - 2341	ND*
MGK 264 2	303 - 2341	ND*
Myclobutanil	303 - 2341	ND*
Naled	303 - 2341	ND*
Oxamyl	51 - 2341	ND*
Paclobutrazol	51 - 2341	ND*
Permethrin	303 - 2341	ND*
Phosmet	51 - 2341	ND*
Prophos	303 - 2341	ND*
Propoxur	303 - 2341	ND*
Pyridaben	303 - 2341	ND*
Spinosad A	51 - 2341	ND*
Spinosad D	303 - 2341	ND*
Spiromesifen	51 - 2341	ND*
Spirotetramat	303 - 2341	ND*
Spiroxamine 1	51 - 2341	ND*
Spiroxamine 2	51 - 2341	ND*
Tebuconazole	51 - 2341	ND*
Thiacloprid	51 - 2341	ND*
Thiamethoxam	51 - 2341	ND*
Trifloxystrobin	303 - 2341	ND*

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

N/A

FINAL APPROVAL



Sam Smith
30-Oct-2019
10:01 AM

PREPARED BY / DATE



David Green
30-Oct-2019
12:47 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.

botanacor

CERTIFICATE OF ANALYSIS

prepared for: GOGREEN HEMP
1830 N. UNIVERSITY DR.
PLANTATION, FL 33322

THC Free CBD Rich Hemp Oil

Batch ID:	0361	**Test ID:**	5980482.016
Reported:	30-Oct-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

Alex Smith
30-Oct-2019
3:25 PM

PREPARED BY / DATE

David Green
30-Oct-2019
3:32 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

ilac-MRA A2LA ACCREDITED
Certificate #4329.02

botanacor

CERTIFICATE OF ANALYSIS

prepared for: GOGREEN HEMP
1830 N. UNIVERSITY DR.
PLANTATION, FL 33322

THC Free CBD Rich Hemp Oil

Batch ID:	0361	**Test ID:**	3776212.029
Reported:	28-Oct-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
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
28-Oct-2019
5:03 PM

PREPARED BY / DATE

Greg Zimpfer
28-Oct-2019
5:07 PM

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.

botanacor

CERTIFICATE OF ANALYSIS

prepared for: GOGREEN HEMP
1830 N. UNIVERSITY DR.
PLANTATION, FL 33322

THC Free CBD Rich Hemp Oil

Batch ID:	0361	**Test ID:**	T000026558
Reported:	5-Nov-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	<0.05
Mercury	0.05	<0.05

FINAL APPROVAL

Sam Smith
5-Nov-2019
7:34 AM
PREPARED BY / DATE

David Green
5-Nov-2019
8:24 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.

Botanacor Laboratories™, All Rights Reserved