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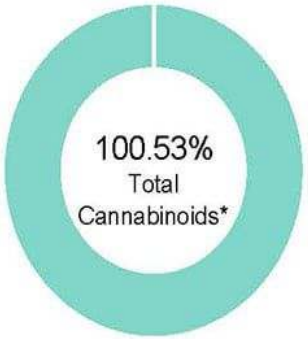
CERTIFICATE OF ANALYSIS

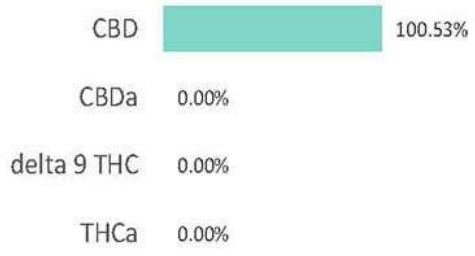
prepared for: PROLEVE DISTRIBUTION
N/A
N/A, N/A N/A

CBD ISOLATE

Batch ID:		**Test ID:**	2616743.0021
Reported:	30-Oct-2019	**Method:**	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE





Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.22	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.11	0.00	0.0
Cannabidiolic acid (CBDA)	0.38	0.00	0.0
Cannabidiol (CBD)	0.21	100.53	1005.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.12	0.00	0.0
Cannabinolic Acid (CBNA)	0.30	0.00	0.0
Cannabinol (CBN)	0.13	0.00	0.0
Cannabigerolic acid (CBGA)	0.19	0.00	0.0
Cannabigerol (CBG)	0.11	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.19	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.10	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.36	0.00	0.0
Cannabidivarin (CBDV)	0.19	0.00	0.0
Cannabichromenic Acid (CBCA)	0.16	0.00	0.0
Cannabichromene (CBC)	0.20	0.00	0.0
Total Cannabinoids		**100.53**	**1005.30**
Total Potential THC**		0.00	0.00
Total Potential CBD**		100.53	1005.30

% = % (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

Sam Smith
30-Oct-2019
7:18 AM
PREPARED BY / DATE

David Green
30-Oct-2019
8:53 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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02

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CBD ISOLATE

Batch ID:		**Test ID:**	1108045.0045
Reported:	4-Nov-2019	**Method:**	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	54 - 2514	ND*
Acetamiprid	54 - 2514	ND*
Avermectin	326 - 2514	ND*
Azoxystrobin	54 - 2514	ND*
Bifenazate	54 - 2514	ND*
Boscalid	326 - 2514	ND*
Carbaryl	54 - 2514	ND*
Carbofuran	54 - 2514	ND*
Chlorantraniliprole	54 - 2514	ND*
Chlorpyrifos	326 - 2514	ND*
Clofentezine	54 - 2514	ND*
Diazinon	54 - 2514	ND*
Dichlorvos	326 - 2514	ND*
Dimethoate	54 - 2514	ND*
E-Fenpyroximate	326 - 2514	ND*
Etofenprox	326 - 2514	ND*
Etoxazole	326 - 2514	ND*
Fenoxycarb	54 - 2514	ND*
Fipronil	326 - 2514	ND*
Flonicamid	54 - 2514	ND*
Fludioxonil	326 - 2514	ND*
Hexythiazox	326 - 2514	ND*
Imazalil	326 - 2514	ND*
Imidacloprid	54 - 2514	ND*
Kresoxim-methyl	54 - 2514	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	54 - 2514	ND*
Metalaxyl	326 - 2514	ND*
Methiocarb	54 - 2514	ND*
Methomyl	54 - 2514	ND*
MGK 264 1	54 - 2514	ND*
MGK 264 2	326 - 2514	ND*
Myclobutanil	326 - 2514	ND*
Naled	326 - 2514	ND*
Oxamyl	54 - 2514	ND*
Paclobutrazol	54 - 2514	ND*
Permethrin	326 - 2514	ND*
Phosmet	54 - 2514	ND*
Prophos	326 - 2514	ND*
Propoxur	326 - 2514	ND*
Pyridaben	326 - 2514	ND*
Spinosad A	54 - 2514	ND*
Spinosad D	326 - 2514	ND*
Spiromesifen	54 - 2514	ND*
Spirotetramat	326 - 2514	ND*
Spiroxamine 1	54 - 2514	ND*
Spiroxamine 2	54 - 2514	ND*
Tebuconazole	54 - 2514	ND*
Thiacloprid	54 - 2514	ND*
Thiamethoxam	54 - 2514	ND*
Trifloxystrobin	326 - 2514	ND*

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

N/A

FINAL APPROVAL

Samantha Smith
Sam Smith
4-Nov-2019
7:20 AM
PREPARED BY / DATE

David Green
4-Nov-2019
8:14 AM
APPROVED BY / DATE

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CBD Isolate

Batch ID:	N/A	**Test ID:**	T000028414
Reported:	11-Nov-2019	**Method:**	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
Type:	Concentrate		
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

Samantha Smith
Sam Smith
11-Nov-2019
10:41 AM
PREPARED BY / DATE

Greg Zimpfer
11-Nov-2019
3:12 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.

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CBD ISOLATE

Batch ID:	N/A	**Test ID:**	9288191.007
Reported:	1-Nov-2019	**Method:**	MIP - Test Methods: TM05, TM06
Type:	MIP		
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

FINAL APPROVAL

Robert Belfon
1-Nov-2019
4:48 PM

PREPARED BY / DATE

David Green
1-Nov-2019
5:33 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.

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prepared for: PROLEVE DISTRIBUTION
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N/A, N/A N/A

CBD ISOLATE

Batch ID:	N/A	**Test ID:**	4432371.029
Reported:	3-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

Chris Jungling
3-Nov-2019
7:00 PM
PREPARED BY / DATE

Greg Zimpfer
3-Nov-2019
7:41 PM
APPROVED BY / DATE