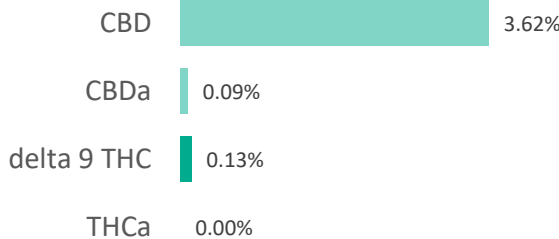
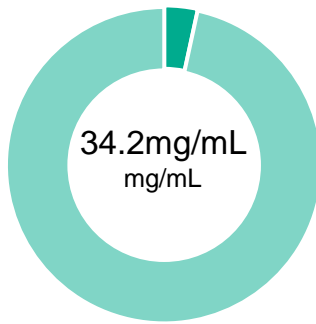


Full-Spectrum CBD RediMix 33mg/ml

Batch ID:	C00004	Test ID:	4316602.0045
Reported:	6-May-2020	Method:	TM14
Type:	Solution		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.15	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.08	1.20	1.3
Cannabidiolic acid (CBDA)	0.14	0.80	0.9
Cannabidiol (CBD)	0.08	34.20	36.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.08	ND	ND
Cannabinolic Acid (CBNA)	0.21	ND	ND
Cannabinol (CBN)	0.09	ND	ND
Cannabigerolic acid (CBGA)	0.13	ND	ND
Cannabigerol (CBG)	0.08	1.00	1.1
Tetrahydrocannabivarinic Acid (THCVA)	0.13	ND	ND
Tetrahydrocannabivarin (THCV)	0.07	ND	ND
Cannabidivarinic Acid (CBDVA)	0.13	ND	ND
Cannabidivarin (CBDV)	0.07	ND	ND
Cannabichromenic Acid (CBCA)	0.11	ND	ND
Cannabichromene (CBC)	0.14	2.00	2.1
Total Cannabinoids		39.20	41.56
Total Potential THC**		1.20	1.30
Total Potential CBD**		34.90	36.94

NOTES:

Density = 0.945709g/mL

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.

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

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

FINAL APPROVAL


 Daniel Weidensaul
 6-May-2020
 3:05 PM



 Greg Zimpfer
 6-May-2020
 4:44 PM

PREPARED BY / DATE

APPROVED BY / DATE

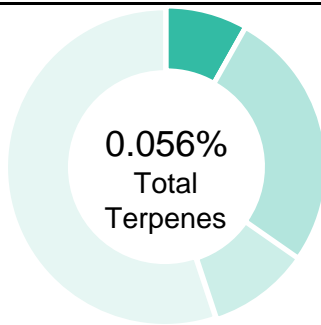
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. 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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

Full-Spectrum CBD RediMix 33mg/ml

Batch ID:	C00004	Test ID:	4873472.0024
Reported:	6-May-2020	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.027	0.27
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.013	0.13
(-)-Caryophyllene Oxide	0.007	0.07
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.005	0.05
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.000	0
beta-Myrcene	0.004	0.04
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	0.056%	0.56



PREDOMINANT TERPENES

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.004%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.000%
Linalool	0.000%
beta-Caryophyllene	0.013%
alpha-Humulene	0.005%
(-)-alpha-Bisabolol	0.027%

NOTES:

0

FINAL APPROVAL

 Michelle Gagnon 6-May-2020 4:03 PM	 Greg Zimpfer 6-May-2020 4:56 PM
---	--

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC. 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



Certificate #4329.02

Full-Spectrum CBD RediMix 33mg/ml

Batch ID:	C00004	Test ID:	4569013.0017
Reported:	7-May-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	57 - 2627	ND*	Malathion	340 - 2627	ND*
Acetamiprid	57 - 2627	ND*	Metalaxyl	57 - 2627	ND*
Abamectin	>340	ND*	Methiocarb	57 - 2627	ND*
Azoxystrobin	57 - 2627	ND*	Methomyl	57 - 2627	ND*
Bifenazate	57 - 2627	ND*	MGK 264 1	340 - 2627	ND*
Boscalid	57 - 2627	ND*	MGK 264 2	340 - 2627	ND*
Carbaryl	57 - 2627	ND*	Myclobutanil	57 - 2627	ND*
Carbofuran	57 - 2627	ND*	Naled	57 - 2627	ND*
Chlorantraniliprole	57 - 2627	ND*	Oxamyl	57 - 2627	ND*
Chlorpyrifos	57 - 2627	ND*	Paclobutrazol	57 - 2627	ND*
Clofentezine	340 - 2627	ND*	Permethrin	340 - 2627	ND*
Diazinon	340 - 2627	ND*	Phosmet	57 - 2627	ND*
Dichlorvos	>340	ND*	Prophos	340 - 2627	ND*
Dimethoate	57 - 2627	ND*	Propoxur	57 - 2627	ND*
E-Fenpyroximate	57 - 2627	ND*	Pyridaben	57 - 2627	ND*
Etofenprox	57 - 2627	ND*	Spinosad A	57 - 2627	ND*
Etoxazole	340 - 2627	ND*	Spinosad D	340 - 2627	ND*
Fenoxycarb	>57	ND*	Spiromesifen	>340	ND*
Fipronil	57 - 2627	ND*	Spirotetramat	>340	ND*
Flonicamid	57 - 2627	ND*	Spiroxamine 1	57 - 2627	ND*
Fludioxonil	>340	ND*	Spiroxamine 2	57 - 2627	ND*
Hexythiazox	57 - 2627	ND*	Tebuconazole	340 - 2627	ND*
Imazalil	340 - 2627	ND*	Thiacloprid	57 - 2627	ND*
Imidacloprid	57 - 2627	ND*	Thiamethoxam	57 - 2627	ND*
Kresoxim-methyl	57 - 2627	ND*	Trifloxystrobin	57 - 2627	ND*

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

N/A

FINAL APPROVAL


 Tyler Wiese
 7-May-2020
 6:06 PM

PREPARED BY / DATE


 Ben Minton
 7-May-2020
 6:42 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.

Full-Spectrum CBD RediMix 33mg/ml

Batch ID:	C00004	Test ID:	T000074086
Reported:	7-May-2020	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

Samantha N. Pauly

Samantha Pauly
7-May-2020
3:17 PMGreg Zimpfer
7-May-2020
4:09 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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.03



Certificate #4329.03

Full-Spectrum CBD RediMix 33mg/ml


Batch ID:	C00004	Test ID:	T000074089
Reported:	6-May-2020	Method:	TM19
Type:	Other		
Test:	Metals		

HEAVY METALS

Analyte	Dynmic Range (ppm)	Result (ppm)
Arsenic	0.075 - 7.45	ND
Cadmium	0.075 - 7.49	ND
Mercury	0.075 - 7.53	ND
Lead	0.077 - 7.70	ND


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

FINAL APPROVAL



Alex Benson
6-May-2020
10:52 AM

PREPARED BY / DATE



Greg Zimpfer
6-May-2020
3:53 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.



prepared for: Candelay Industries

4023 Kennett Pike #302

Greenville, DE 19807

Full-Spectrum CBD RediMix 33mg/ml

Batch ID: C00004

Reported: 6-May-2020

Type: Concentrate

Test: Density


DENSITY


Value	Units
0.945709	g/mL

NOTES:

Free from visual mold, mildew, and foreign matter

FINAL APPROVAL

 Daniel Weidensaul
6-May-2020
1:30 PM

 Greg Zimpfer
6-May-2020
1:52 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.