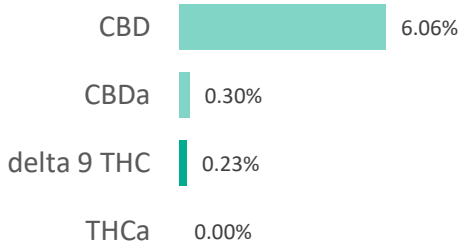
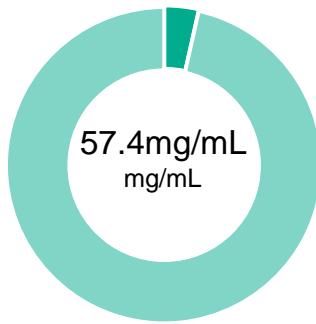


Full-Spectrum CBD RediMix 50mg/ml

Batch ID:	C00003	Test ID:	4316602.0044
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)	0.07	2.20	2.3
Cannabidiolic acid (CBDA)	0.13	2.90	3.0
Cannabidiol (CBD)	0.07	57.40	60.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.08	ND	ND
Cannabinolic Acid (CBNA)	0.20	ND	ND
Cannabinol (CBN)	0.09	ND	ND
Cannabigerolic acid (CBGA)	0.13	ND	ND
Cannabigerol (CBG)	0.07	1.60	1.7
Tetrahydrocannabivarinic Acid (THCVA)	0.13	ND	ND
Tetrahydrocannabivarin (THCV)	0.07	ND	ND
Cannabidivarinic Acid (CBDVA)	0.12	ND	ND
Cannabidivarin (CBDV)	0.07	ND	ND
Cannabichromenic Acid (CBCA)	0.11	ND	ND
Cannabichromene (CBC)	0.13	3.40	3.6
Total Cannabinoids		67.50	71.20
Total Potential THC**		2.20	2.30
Total Potential CBD**		59.94	63.25

NOTES:

Density = 0.946639g/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
 Daniel Weidensaul
 6-May-2020
 3:05 PM

Greg Zimpfer
 Greg Zimpfer
 6-May-2020
 4:44 PM

PREPARED BY / DATE

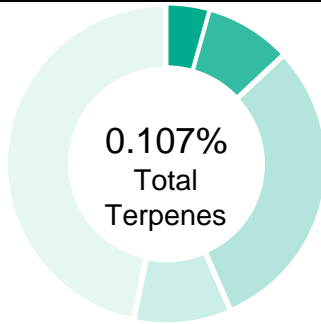
APPROVED BY / DATE

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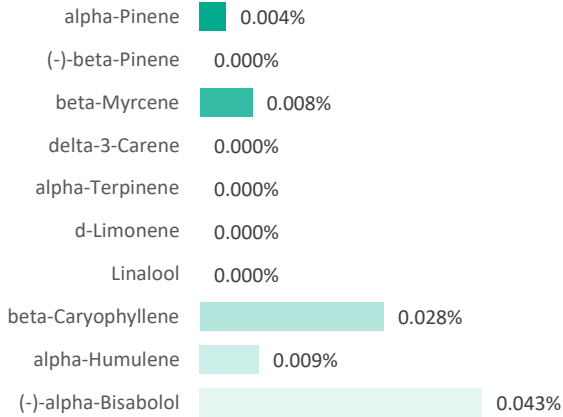


Full-Spectrum CBD RediMix 50mg/ml

Batch ID:	C00003	Test ID:	4873472.0023
Reported:	6-May-2020	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.043	0.43
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.028	0.28
(-)-Caryophyllene Oxide	0.013	0.13
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.009	0.09
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.000	0
beta-Myrcene	0.008	0.08
cis-Nerolidol	0.000	0
trans-Nerolidol	0.002	0.02
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.004	0.04
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	0.107%	1.07

PREDOMINANT TERPENES

NOTES:

0

FINAL APPROVAL

 Michelle Gagnon 6-May-2020 4:03 PM	 Greg Zimpfer 6-May-2020 4:56 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

Full-Spectrum CBD RediMix 50mg/ml

Batch ID:	C00003	Test ID:	4569013.0016
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	54 - 2483	ND*	Malathion	322 - 2483	ND*
Acetamiprid	54 - 2483	ND*	Metalaxyl	54 - 2483	ND*
Abamectin	>322	ND*	Methiocarb	54 - 2483	ND*
Azoxystrobin	54 - 2483	ND*	Methomyl	54 - 2483	ND*
Bifenazate	54 - 2483	ND*	MGK 264 1	322 - 2483	ND*
Boscalid	54 - 2483	ND*	MGK 264 2	322 - 2483	ND*
Carbaryl	54 - 2483	ND*	Myclobutanil	54 - 2483	ND*
Carbofuran	54 - 2483	ND*	Naled	54 - 2483	ND*
Chlorantraniliprole	54 - 2483	ND*	Oxamyl	54 - 2483	ND*
Chlorpyrifos	54 - 2483	ND*	Paclobutrazol	54 - 2483	ND*
Clofentezine	322 - 2483	ND*	Permethrin	322 - 2483	ND*
Diazinon	322 - 2483	ND*	Phosmet	54 - 2483	ND*
Dichlorvos	>322	ND*	Prophos	322 - 2483	ND*
Dimethoate	54 - 2483	ND*	Propoxur	54 - 2483	ND*
E-Fenpyroximate	54 - 2483	ND*	Pyridaben	54 - 2483	ND*
Etofenprox	54 - 2483	ND*	Spinosad A	54 - 2483	ND*
Etoxazole	322 - 2483	ND*	Spinosad D	322 - 2483	ND*
Fenoxycarb	>54	ND*	Spiromesifen	>322	ND*
Fipronil	54 - 2483	ND*	Spirotetramat	>322	ND*
Flonicamid	54 - 2483	ND*	Spiroxamine 1	54 - 2483	ND*
Fludioxonil	>322	ND*	Spiroxamine 2	54 - 2483	ND*
Hexythiazox	54 - 2483	ND*	Tebuconazole	322 - 2483	ND*
Imazalil	322 - 2483	ND*	Thiacloprid	54 - 2483	ND*
Imidacloprid	54 - 2483	ND*	Thiamethoxam	54 - 2483	ND*
Kresoxim-methyl	54 - 2483	ND*	Trifloxystrobin	54 - 2483	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

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Full-Spectrum CBD RediMix 50mg/ml

Batch ID:	C00003	Test ID:	T000074080
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
<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

Samantha N. Pauly

Samantha Pauly
7-May-2020
3:17 PMGreg Zimpfer
7-May-2020
4:09 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

Full-Spectrum CBD RediMix 50mg/ml


Batch ID:	C00003	Test ID:	T000074083
Reported:	6-May-2020	Method:	TM19
Type:	Other		
Test:	Metals		

HEAVY METALS

Analyte	Dynmic Range (ppm)	Result (ppm)
Arsenic	0.075 - 7.51	ND
Cadmium	0.076 - 7.55	ND
Mercury	0.076 - 7.60	ND
Lead	0.078 - 7.77	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

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Full-Spectrum CBD RediMix 50mg/ml

Batch ID:	C00003	Test ID:	T000081296
Reported:	17-Jun-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	87 - 1736	*ND
Butanes (Isobutane, n-Butane)	182 - 3641	*ND
Methanol	70 - 1410	*ND
Pentane	97 - 1943	*ND
Ethanol	106 - 2121	*ND
Acetone	108 - 2168	*ND
Isopropyl Alcohol	127 - 2543	*ND
Hexane	7 - 131	*ND
Ethyl Acetate	112 - 2238	*ND
Benzene	0.2 - 4.3	*ND
Heptanes	102 - 2049	*ND
Toluene	20 - 400	*ND
Xylenes (m,p,o-Xylenes)	145 - 2891	*ND

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

NOTES:
N/A**FINAL APPROVAL**Tyler Wiese
17-Jun-2020
2:08 PMGreg Zimpfer
17-Jun-2020
8:55 PM

PREPARED BY / DATE

APPROVED BY / DATE

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