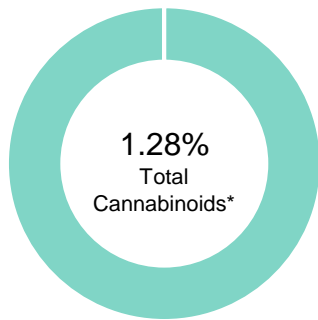


Full Spectrum CBD Body & Muscle Cream-2oz 600mg

Batch ID:	104544	Test ID:	T000125703
Type:	Concentrate	Submitted:	02/23/2021 @ 10:57 AM
Test:	Potency	Started:	2/24/2021
Method:	TM14	Reported:	2/25/2021

CANNABINOID PROFILE


CBD	1.17%
CBDa	0.00%
delta 9 THC	0.00%
THCa	0.00%

Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.05	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.06	ND	ND
Cannabidiolic acid (CBDA)	0.04	ND	ND
Cannabidiol (CBD)	0.04	1.17	11.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.06	ND	ND
Cannabinolic Acid (CBNA)	0.04	ND	ND
Cannabinol (CBN)	0.02	ND	ND
Cannabigerolic acid (CBGA)	0.05	ND	ND
Cannabigerol (CBG)	0.01	0.05	0.5
Tetrahydrocannabivarinic Acid (THCVA)	0.04	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.02	ND	ND
Cannabidivarin (CBDV)	0.01	ND	ND
Cannabichromenic Acid (CBCA)	0.02	ND	ND
Cannabichromene (CBC)	0.02	0.06	0.6
Total Cannabinoids		1.28	12.8
Total Potential THC**		ND	ND
Total Potential CBD**		1.17	11.7

NOTES:
 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

	Ryan Weems 25-Feb-2021 3:50 PM		Ben Minton 25-Feb-2021 4:11 PM
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PREPARED BY / DATE

APPROVED BY / DATE

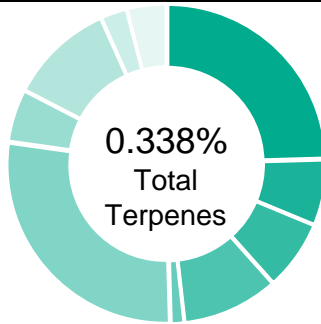
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. 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



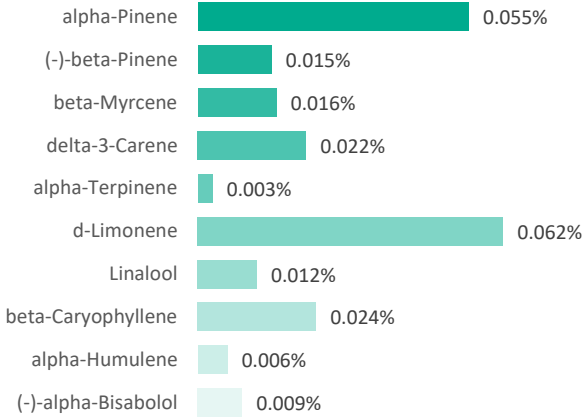
Certificate #4329.02

Full Spectrum CBD Body & Muscle Cream-2oz 600mg



Batch ID:	104544	Test ID:	T000125704
Type:	Topical	Submitted:	02/23/2021 @ 10:57 AM
Test:	Terpenes	Started:	2/25/2021
Method:	TM22	Reported:	2/26/2021

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.009	0.09
Camphene	0.005	0.05
delta-3-Carene	0.022	0.22
beta-Caryophyllene	0.024	0.24
(-)-Caryophyllene Oxide	0.005	0.05
p-Cymene	0.005	0.05
Eucalyptol	0.090	0.9
Geraniol	0.000	0
alpha-Humulene	0.006	0.06
(-)-Isopulegol	0.000	0
d-Limonene	0.062	0.62
Linalool	0.012	0.12
beta-Myrcene	0.016	0.16
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.001	0.01
beta-Ocimene	0.000	0
alpha-Pinene	0.055	0.55
(-)-beta-Pinene	0.015	0.15
alpha-Terpinene	0.003	0.03
gamma-Terpinene	0.006	0.06
Terpinolene	0.002	0.02
	0.338%	3.38

PREDOMINANT TERPENES

 NOTES:
 0

FINAL APPROVAL

 Ryan Weems 26-Feb-2021 3:37 PM	 Greg Zimpfer 26-Feb-2021 6:09 PM
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Certificate #4329.02

Full Spectrum CBD Body & Muscle Cream-2oz 600mg

Batch ID:	104544	Test ID:	T000125706
Type:	Concentrate	Submitted:	02/23/2021 @ 10:57 AM
Test:	Microbial Contaminants	Started:	2/23/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	2/26/2021

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	Absent
E. coli (STEC)	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
26-Feb-2021
2:44 PM

PREPARED BY / DATE


Greg Zimpfer
26-Feb-2021
6:05 PM

APPROVED BY / DATE

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Certificate #4329.03

Full Spectrum CBD Body & Muscle Cream-2oz 600mg

Batch ID:	104544	Test ID:	T000125705
Type:	Concentrate	Submitted:	02/23/2021 @ 10:57 AM
Test:	Pesticides	Started:	2/25/2021
Method:	TM17	Reported:	3/1/2021


PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	32 - 2320	ND*	Malathion	274 - 2320	ND*
Acetamiprid	38 - 2320	ND*	Metalaxyl	37 - 2320	ND*
Abamectin	>321	ND*	Methiocarb	36 - 2320	ND*
Azoxystrobin	40 - 2320	ND*	Methomyl	40 - 2320	ND*
Bifenazate	26 - 2320	ND*	MGK 264 1	150 - 2320	ND*
Boscalid	40 - 2320	ND*	MGK 264 2	95 - 2320	ND*
Carbaryl	36 - 2320	ND*	Myclobutanil	35 - 2320	ND*
Carbofuran	37 - 2320	ND*	Naled	39 - 2320	ND*
Chlorantraniliprole	34 - 2320	ND*	Oxamyl	36 - 2320	ND*
Chlorpyrifos	40 - 2320	ND*	Paclobutrazol	38 - 2320	ND*
Clofentezine	253 - 2320	ND*	Permethrin	252 - 2320	ND*
Diazinon	264 - 2320	ND*	Phosmet	39 - 2320	ND*
Dichlorvos	>269	ND*	Propfos	280 - 2320	ND*
Dimethoate	38 - 2320	ND*	Propxur	36 - 2320	ND*
E-Fenpyroximate	263 - 2320	ND*	Pyridaben	264 - 2320	ND*
Etofenprox	39 - 2320	ND*	Spinosad A	28 - 2320	ND*
Etoazole	272 - 2320	ND*	Spinosad D	71 - 2320	ND*
Fenoxycarb	>29	ND*	Spiromesifen	>257	ND*
Fipronil	36 - 2320	ND*	Spirotetramat	>281	ND*
Flonicamid	35 - 2320	ND*	Spiroxamine 1	16 - 2320	ND*
Fludioxonil	>269	ND*	Spiroxamine 2	20 - 2320	ND*
Hexythiazox	33 - 2320	ND*	Tebuconazole	268 - 2320	ND*
Imazalil	256 - 2320	ND*	Thiacloprid	40 - 2320	ND*
Imidacloprid	39 - 2320	ND*	Thiamethoxam	36 - 2320	ND*
Kresoxim-methyl	41 - 2320	ND*	Trifloxystrobin	38 - 2320	ND*

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

N/A

FINAL APPROVAL

 Tyler Wiese
 1-Mar-2021
 12:03 PM

 Ben Minton
 1-Mar-2021
 1:06 PM

PREPARED BY / DATE

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Full Spectrum CBD Body & Muscle Cream-2oz 600mg

Batch ID:	104544	Test ID:	T000125707
Type:	Other	Submitted:	02/23/2021 @ 10:57 AM
Test:	Metals	Started:	2/26/2021
Method:	TM19	Reported:	3/1/2021


HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.138 - 13.80	ND
Cadmium	0.144 - 14.30	ND
Mercury	0.143 - 14.20	ND
Lead	0.141 - 14.10	ND

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

FINAL APPROVAL
Daniel Weidensaul
1-Mar-2021
12:44 PM

PREPARED BY / DATE


Greg Zimpfer
1-Mar-2021
2:45 PM

APPROVED BY / DATE

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Full Spectrum CBD Body & Muscle Cream-2oz 600mg

Batch ID:	104544	Test ID:	T000125708
Type:	Concentrate	Submitted:	02/23/2021 @ 10:57 AM
Test:	Residual Solvents	Started:	2/26/2021
Method:	TM04	Reported:	2/26/2021


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	98 - 1957	*ND
Butanes (Isobutane, n-Butane)	188 - 3756	*ND
Methanol	57 - 1147	*ND
Pentane	93 - 1867	*ND
Ethanol	92 - 1843	>1843
Acetone	94 - 1871	*ND
Isopropyl Alcohol	95 - 1894	*ND
Hexane	6 - 114	*ND
Ethyl Acetate	95 - 1890	*ND
Benzene	0.2 - 3.8	*ND
Heptanes	93 - 1866	*ND
Toluene	17 - 340	*ND
Xylenes (m,p,o-Xylenes)	124 - 2472	*ND


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

NOTES:
N/A

FINAL APPROVAL


Mara Miller
26-Feb-2021
4:02 PM

PREPARED BY / DATE


Greg Zimpfer
26-Feb-2021
6:08 PM

APPROVED BY / DATE

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