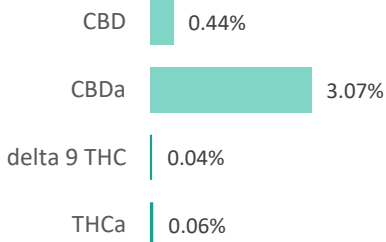
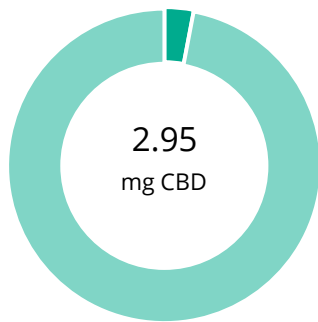


20mg Raw Softgel CBDa

Batch ID:	2358	Test ID:	T000187676
Type:	Unit	Submitted:	01/18/2022 @ 10:42 AM
Test:	Potency	Started:	1/19/2022
Method:	TM14 (HPLC-DAD)	Reported:	1/20/2022

CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.22	0.43	0.6
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.25	0.27	0.4
Cannabidiolic acid (CBDA)	0.24	20.54	30.7
Cannabidiol (CBD)	0.23	2.95	4.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.28	ND	ND
Cannabinolic Acid (CBNA)	0.16	ND	ND
Cannabinol (CBN)	0.07	ND	ND
Cannabigerolic acid (CBGA)	0.23	ND	ND
Cannabigerol (CBG)	0.06	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.20	ND	ND
Tetrahydrocannabivarin (THCV)	0.05	ND	ND
Cannabidivarinic Acid (CBDVA)	0.10	0.24	0.4
Cannabidivarin (CBDV)	0.06	ND	ND
Cannabichromenic Acid (CBCA)	0.09	0.88	1.3
Cannabichromene (CBC)	0.10	0.16	0.2
Total Cannabinoids		25.47	38.1
Total Potential THC**		0.65	1.0
Total Potential CBD**		20.96	31.4

% = % (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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * 0.877)$$



$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * 0.877)$$

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

NOTES:

of Servings = 1, Sample Weight=0.668g

FINAL APPROVAL

 Hannah Wriah 20-Jan-2022 6:41 PM	 Rvan Weems 20-Jan-2022 6:44 PM
PREPARED BY / DATE	APPROVED BY / DATE

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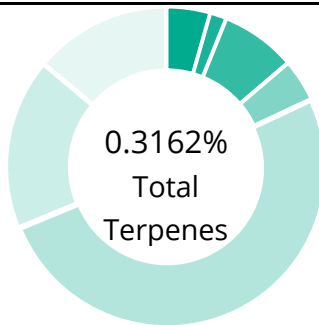


Certificate #4329.02

20mg Raw Softgel CBDa

Batch ID:	2358	Test ID:	T000187677
Type:	Unit	Submitted:	01/18/2022 @ 10:42 AM
Test:	Terpenes	Started:	1/20/2022
Method:	TM22 (GC-MS)	Reported:	1/21/2022

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0292	0.292
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.1067	1.067
(-)-Caryophyllene Oxide	0.0980	0.980
p-Cymene	0.0000	0.000
Eucalyptol	0.0033	0.033
Geraniol	0.0000	0.000
alpha-Humulene	0.0365	0.365
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0090	0.090
Linalool	0.0000	0.000
beta-Myrcene	0.0161	0.161
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0000	0.000
Ocimene	0.0008	0.008
beta-Ocimene	0.0021	0.021
alpha-Pinene	0.0093	0.093
(-)-beta-Pinene	0.0035	0.035
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0006	0.006
Terpinolene	0.0011	0.011
	0.3162	3.162

PREDOMINANT TERPENES

alpha-Pinene	0.0093
(-)-beta-Pinene	0.0035
beta-Myrcene	0.0161
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0090
Linalool	0.0000
beta-Caryophyllene	0.1067
alpha-Humulene	0.0365
(-)-alpha-Bisabolol	0.0292

NOTES:

N/A

FINAL APPROVAL



Jacob Miller
21-Jan-2022
11:48 AM



Ryan Weems
21-Jan-2022
11:50 AM

PREPARED BY / DATE

APPROVED BY / DATE

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A2LA Certificate Number 4329.02



Certificate #4329.02

20mg Raw Softgel CBDa

Batch ID:	2358	Test ID:	T000187679
Matrix:	Finished Product	Received:	01/18/2022 @ 10:42 AM
Test:	Microbial Contaminants	Started:	1/18/2022
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Reported:	1/21/2022

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
Total Yeast and Mold*	TM-24 Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴ CFU/g	None Detected
Total Aerobic Bacteria*	TM-26 Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵ CFU/g	None Detected
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴ CFU/g	None Detected
STEC	TM-25 PCR	10 ⁰ CFU/g	N/A	Absent
Salmonella	TM-25 PCR	10 ⁰ CFU/g	N/A	Absent

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: 10² = 100 CFU
 10³ = 1,000 CFU
 10⁴ = 10,000 CFU
 10⁵ = 100,000 CFU

NOTES:


Free from visual mold, mildew, and foreign matter

DEFINITIONS:

CFU/g = Colony Forming Units per gram | LOD = Limit of Detection | STEC = Shiga toxin-producing E. coli
 LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL

 Brianna Maillot
 1/21/2022
 3:28:00 PM

 Brett Hudson
 1/21/2022
 5:25:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

Prepared for:

20mg Raw Softgel CBDa**Endobotanical LLC**

Batch ID or Lot Number: 2358	Test: Mycotoxins	Reported: 1/20/22	Location: 2014 W 6th Court Spokane, WA 99201
Matrix: Concentrate	Test ID: T000187681	Started: 1/19/22	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 01/18/2022 @ 10:42 AM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.8 - 141.8	ND	N/A
Aflatoxin B1	1 - 35.5	ND	
Aflatoxin B2	1 - 35.4	ND	
Aflatoxin G1	1 - 35.3	ND	
Aflatoxin G2	1 - 34.6	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	



PREPARED BY / DATE



APPROVED BY / DATE

Definitions

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

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Certificate #4329.02


Prepared for:

20mg Raw Softgel CBDa
Endobotanical LLC


Batch ID or Lot Number: 2358	Test: Residual Solvents	Reported: 1/19/22	Location: 2014 W 6th Court Spokane, WA 99201
Matrix: N/A	Test ID: T000187680	Started: 1/13/22	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 01/18/2022 @ 10:42 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	72 - 1449	*ND	
Butanes (Isobutane, n-Butane)	147 - 2933	*ND	
Methanol	49 - 979	*ND	
Pentane	75 - 1493	*ND	
Ethanol	77 - 1531	*ND	
Acetone	77 - 1549	*ND	
Isopropyl Alcohol	80 - 1598	*ND	
Hexane	5 - 94	*ND	
Ethyl Acetate	78 - 1569	*ND	
Benzene	0.2 - 3.1	*ND	
Heptanes	77 - 1536	*ND	
Toluene	14 - 283	*ND	
Xylenes (m,p,o-Xylenes)	103 - 2059	*ND	



PREPARED BY / DATE



APPROVED BY / DATE

Definitions

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

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Certificate #4329.02


Prepared for:


20mg Raw Softgel CBDa
Endobotanical LLC

Batch ID or Lot Number: 2358	Test: Pesticides	Reported: 1/21/22	Location: 2014 W 6th Court Spokane, WA 99201
Matrix: Concentrate	Test ID: T000187678	Started: 1/19/22	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 01/18/2022 @ 10:42 AM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	41	ND	Fenoxycarb	43	ND	Paclobutrazol	46	ND
Acetamiprid	41	ND	Fipronil	49	ND	Permethrin	322	ND
Avermectin	302	ND	Flonicamid	45	ND	Phosmet	44	ND
Azoxystrobin	46	ND	Fludioxonil	319	ND	Prophos	324	ND
Bifenazate	43	ND	Hexythiazox	37	ND	Propoxur	44	ND
Boscalid	46	ND	Imazalil	258	ND	Pyridaben	293	ND
Carbaryl	41	ND	Imidacloprid	45	ND	Spinosad A	33	ND
Carbofuran	44	ND	Kresoxim-methyl	150	ND	Spinosad D	65	ND
Chlorantraniliprole	42	ND	Malathion	303	ND	Spiromesifen	297	ND
Chlorpyrifos	500	ND	Metalaxyl	42	ND	Spirotetramat	303	ND
Clofentezine	292	ND	Methiocarb	43	ND	Spiroxamine 1	15	ND
Diazinon	288	ND	Methomyl	43	ND	Spiroxamine 2	20	ND
Dichlorvos	280	ND	MGK 264 1	168	ND	Tebuconazole	291	ND
Dimethoate	42	ND	MGK 264 2	118	ND	Thiacloprid	44	ND
E-Fenpyroximate	300	ND	Myclobutanil	40	ND	Thiamethoxam	41	ND
Etofenprox	45	ND	Naled	48	ND	Trifloxystrobin	48	ND
Etoxazole	287	ND	Oxamyl	1500	ND			


 Sam Smith
 1/21/2022
 11:49:00 AM


 Karen Winternheimer
 1/21/2022
 12:03:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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