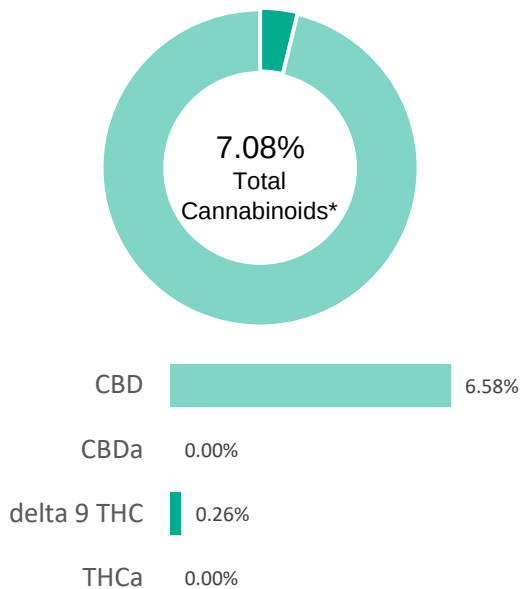


30mg Gel Capsules-Batch 1713

Batch ID:	CAM301713	Test ID:	6049970.0032
Reported:	23-Dec-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.03	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.02	0.26	2.6
Cannabidiolic acid (CBDA)	0.02	0.00	0.0
Cannabidiol (CBD)	0.01	6.58	65.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	0.00	0.0
Cannabinolic Acid (CBNA)	0.04	0.00	0.0
Cannabinol (CBN)	0.02	0.00	0.0
Cannabigerolic acid (CBGA)	0.03	0.00	0.0
Cannabigerol (CBG)	0.02	0.10	1.0
Tetrahydrocannabivarinic Acid (THCVA)	0.03	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.01	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.02	0.00	0.0
Cannabidivarin (CBDV)	0.01	0.00	0.0
Cannabichromenic Acid (CBCA)	0.02	0.00	0.0
Cannabichromene (CBC)	0.03	0.14	1.4
Total Cannabinoids		7.08	70.80
Total Potential THC**		0.26	2.60
Total Potential CBD**		6.58	65.80

% = % (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


Tyler Wiese
 23-Dec-2019
 6:50 PM
 PREPARED BY / DATE


David Green
 23-Dec-2019
 7:27 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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02

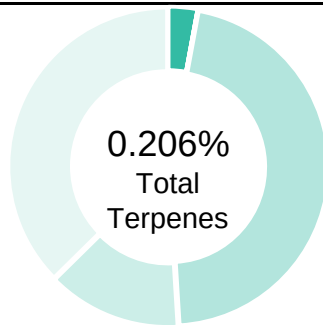


Certificate #4329.02

30mg Gel Capsules-Batch 1713

Batch ID:	CAM301713	Test ID:	5018354.002
Reported:	23-Dec-2019	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE



PREDOMINANT TERPENES

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.006%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.000%
Linalool	0.000%
beta-Caryophyllene	0.095%
alpha-Humulene	0.028%
(-)-alpha-Bisabolol	0.077%

Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.077	0.77
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.095	0.95
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.028	0.28
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.000	0
beta-Myrcene	0.006	0.06
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
	0.206%	2.06

NOTES:
0

FINAL APPROVAL

Daniel Weidensaul
22-Dec-2019
7:45 PMDavid Green
23-Dec-2019
10:55 AM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

30mg Gel Capsules-Batch 1713

Batch ID:	CAM301713	Test ID:	4549925.0044
Reported:	20-Dec-2019	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	52 - 2408	ND*	Malathion	52 - 2408	ND*
Acetamiprid	52 - 2408	ND*	Metalaxyl	312 - 2408	ND*
Avermectin	312 - 2408	ND*	Methiocarb	52 - 2408	ND*
Azoxystrobin	52 - 2408	ND*	Methomyl	52 - 2408	ND*
Bifenazate	52 - 2408	ND*	MGK 264 1	52 - 2408	ND*
Boscalid	312 - 2408	ND*	MGK 264 2	312 - 2408	ND*
Carbaryl	52 - 2408	ND*	Myclobutanil	312 - 2408	ND*
Carbofuran	52 - 2408	ND*	Naled	312 - 2408	ND*
Chlorantraniliprole	52 - 2408	ND*	Oxamyl	52 - 2408	ND*
Chlorpyrifos	312 - 2408	ND*	Paclobutrazol	52 - 2408	ND*
Clofentezine	52 - 2408	ND*	Permethrin	312 - 2408	ND*
Diazinon	52 - 2408	ND*	Phosmet	52 - 2408	ND*
Dichlorvos	312 - 2408	ND*	Prophos	312 - 2408	ND*
Dimethoate	52 - 2408	ND*	Propoxur	312 - 2408	ND*
E-Fenpyroximate	312 - 2408	ND*	Pyridaben	312 - 2408	ND*
Etofenprox	312 - 2408	ND*	Spinosad A	52 - 2408	ND*
Etoxazole	312 - 2408	ND*	Spinosad D	312 - 2408	ND*
Fenoxycarb	52 - 2408	ND*	Spiromesifen	52 - 2408	ND*
Fipronil	312 - 2408	ND*	Spirotetramat	312 - 2408	ND*
Flonicamid	52 - 2408	ND*	Spiroxamine 1	52 - 2408	ND*
Fludioxonil	312 - 2408	ND*	Spiroxamine 2	52 - 2408	ND*
Hexythiazox	312 - 2408	ND*	Tebuconazole	52 - 2408	ND*
Imazalil	312 - 2408	ND*	Thiacloprid	52 - 2408	ND*
Imidacloprid	52 - 2408	ND*	Thiamethoxam	52 - 2408	ND*
Kresoxim-methyl	52 - 2408	ND*	Trifloxystrobin	312 - 2408	ND*

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

N/A

FINAL APPROVAL

 Alex Smith
20-Dec-2019
2:52 PM

PREPARED BY / DATE

 Greg Zimpfer
20-Dec-2019
4:38 PM

APPROVED BY / DATE

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prepared for: RAD EXTRACTS

860 COMMERCIAL LANE

PALMER LAKE, CO 80133

30mg Gel Capsules-Batch 1713

Batch ID:	CAM301713	Test ID:	1582929.002
Reported:	21-Dec-2019	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



Robert Belfon
21-Dec-2019
3:23 PM



Mike Branvold
21-Dec-2019
8:12 PM

PREPARED BY / DATE

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.

30mg Gel Capsules-Batch 1713

Batch ID:	CAM301713	Test ID:	8894605.003
Reported:	23-Dec-2019	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

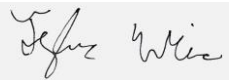
RESIDUAL SOLVENTS

Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100 - 2000	0
Butanes (Isobutane, n-Butane)	100 - 2000	0
Pentane	100 - 2000	0
Ethanol	100 - 2000	277
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


Tyler Wiese
23-Dec-2019
6:20 PM
David Green
23-Dec-2019
6:39 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

prepared for: RAD EXTRACTS

860 COMMERCIAL LANE

PALMER LAKE, CO 80133

30mg Gel Capsules-Batch 1713

Batch ID:	CAM301713	Test ID:	T000045253
Reported:	9-Jan-2020	Method:	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
Type:	Other		
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

 Sam Smith
9-Jan-2020
5:30 AM

PREPARED BY / DATE

 Greg Zimpfer
9-Jan-2020
8:09 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.