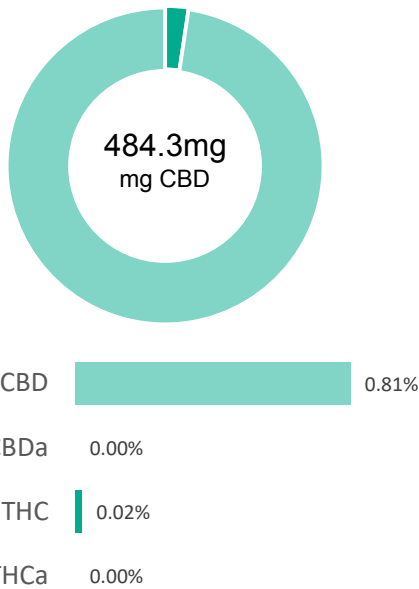


AR500-001

Batch ID:	AR500_0001	Test ID:	3438657.0032
Reported:	11-Jun-2019	Method:	TM14
Type:	Topical		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	10.06	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	5.02	11.80	0.2
Cannabidiolic acid (CBDA)	10.79	0.00	0.0
Cannabidiol (CBD)	6.03	484.30	8.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	5.50	0.00	0.0
Cannabinolic Acid (CBNA)	13.79	0.00	0.0
Cannabinol (CBN)	6.11	0.00	0.0
Cannabigerolic acid (CBGA)	8.79	0.00	0.0
Cannabigerol (CBG)	4.95	7.20	0.1
Tetrahydrocannabivarinic Acid (THCVA)	8.63	0.00	0.0
Tetrahydrocannabivarin (THCV)	4.48	0.00	0.0
Cannabidivarinic Acid (CBDVA)	10.03	0.00	0.0
Cannabidivarin (CBDV)	5.49	0.00	0.0
Cannabichromenic Acid (CBCA)	7.54	0.00	0.0
Cannabichromene (CBC)	9.08	27.20	0.5
Total Cannabinoids		530.50	8.84
Total Potential THC**		11.80	0.20
Total Potential CBD**		484.30	8.07

% = % (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:
 # of Servings = 1, Sample Weight=60g

N/A

FINAL APPROVAL

Alex Smith
 Alex Smith
 11-Jun-2019
 7:59 AM
 PREPARED BY / DATE

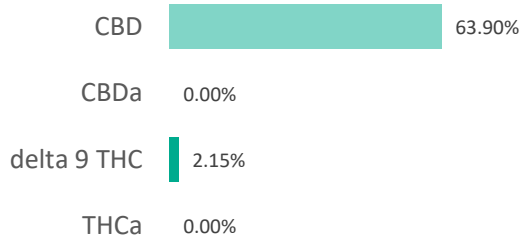
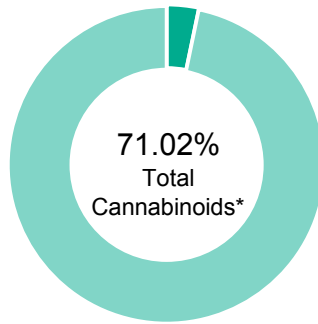
Greg Zimpfer
 Greg Zimpfer
 11-Jun-2019
 9:27 AM
 APPROVED BY / DATE

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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



RAW042619PM-18_05

Batch ID:	RAW042619PM-18_05	Test ID:	9093183.0013
Reported:	2-May-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.24	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.12	2.15	21.5
Cannabidiolic acid (CBDA)	0.19	0.00	0.0
Cannabidiol (CBD)	0.11	63.90	639.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.13	0.00	0.0
Cannabinolic Acid (CBNA)	0.33	0.00	0.0
Cannabinol (CBN)	0.15	0.28	2.8
Cannabigerolic acid (CBGA)	0.21	0.00	0.0
Cannabigerol (CBG)	0.12	0.89	8.9
Tetrahydrocannabivarinic Acid (THCVA)	0.21	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.11	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.18	0.00	0.0
Cannabidivarin (CBDV)	0.10	0.14	1.4
Cannabichromenic Acid (CBCA)	0.18	0.00	0.0
Cannabichromene (CBC)	0.22	3.66	36.6
Total Cannabinoids		71.02	710.20
Total Potential THC**		2.15	21.50
Total Potential CBD**		63.90	639.00

% = % (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.

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

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

N/A

FINAL APPROVAL


Daniel Weidensaul
2-May-2019
6:28 PM

PREPARED BY / DATE



Mike Branvold
2-May-2019
7:25 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

