

CO2-12NOV2019

Batch ID:	CO2-12NOV2019	Test ID:	5577146.048
Reported:	16-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


Mara Miller
16-Dec-2019
5:32 PM
David Green
16-Dec-2019
6:23 PM

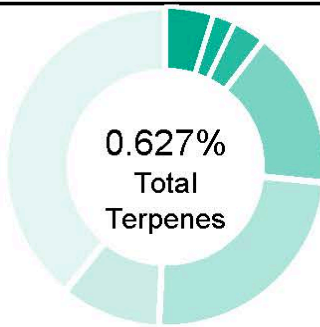
PREPARED BY / DATE

APPROVED BY / DATE

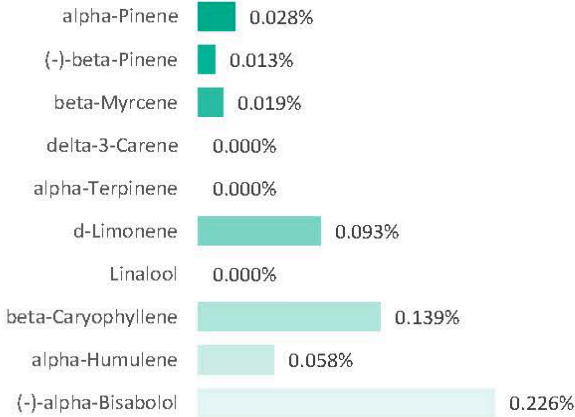
Testing results are based solely upon the sample submitted to Botanacor Services, LLC, in the condition it was received. Botanacor Services, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data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

Muscle Balm

Batch ID:	N/A	Test ID:	1414701.0019
Reported:	12-Apr-2019	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.226	2.26
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.139	1.39
(-)-Caryophyllene Oxide	0.046	0.46
p-Cymene	0.000	0
Eucalyptol	0.005	0.05
Geraniol	0.000	0
alpha-Humulene	0.058	0.58
(-)-Isopulegol	0.000	0
d-Limonene	0.093	0.93
Linalool	0.000	0
beta-Myrcene	0.019	0.19
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.028	0.28
(-)-beta-Pinene	0.013	0.13
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	0.627%	6.27mg

PREDOMINANT TERPENES


NOTES: per serving

FINAL APPROVAL


 Greg Zimpfer
 12-Apr-2019
 7:17 PM



 Chris Jungling
 12-Apr-2019
 7:44 PM

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HARVEST 2019

Batch ID:	HARVEST 2019	Test ID:	6216139.0032
Reported:	27-Nov-2019	Method:	TM16
Type:	Plant		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	59 - 2754	ND*	Malathion	357 - 2754	ND*
Acetamiprid	59 - 2754	ND*	Metalaxyl	357 - 2754	ND*
Avermectin	357 - 2754	ND*	Methiocarb	59 - 2754	ND*
Azoxystrobin	59 - 2754	ND*	Methomyl	59 - 2754	ND*
Bifenazate	357 - 2754	ND*	MGK 264 1	357 - 2754	ND*
Boscalid	357 - 2754	ND*	MGK 264 2	357 - 2754	ND*
Carbaryl	59 - 2754	ND*	Myclobutanil	59 - 2754	ND*
Carbofuran	59 - 2754	ND*	Naled	357 - 2754	ND*
Chlorantraniliprole	357 - 2754	ND*	Oxamyl	59 - 2754	ND*
Chlorpyrifos	357 - 2754	ND*	Paclobutrazol	59 - 2754	ND*
Clofentezine	357 - 2754	ND*	Permethrin	357 - 2754	ND*
Diazinon	357 - 2754	ND*	Phosmet	357 - 2754	ND*
Dichlorvos	357 - 2754	ND*	Prophos	357 - 2754	ND*
Dimethoate	59 - 2754	ND*	Propoxur	59 - 2754	ND*
E-Fenpyroximate	357 - 2754	ND*	Pyridaben	59 - 2754	ND*
Etofenprox	59 - 2754	ND*	Spinosad A	59 - 2754	ND*
Etoxazole	59 - 2754	ND*	Spinosad D	59 - 2754	ND*
Fenoxycarb	357 - 2754	ND*	Spiromesifen	59 - 2754	ND*
Fipronil	357 - 2754	ND*	Spirotetramat	357 - 2754	ND*
Flonicamid	59 - 2754	ND*	Spiroxamine 1	59 - 2754	ND*
Fludioxonil	357 - 2754	ND*	Spiroxamine 2	59 - 2754	ND*
Hexythiazox	357 - 2754	ND*	Tebuconazole	357 - 2754	ND*
Imazalil	59 - 2754	ND*	Thiacloprid	59 - 2754	ND*
Imidacloprid	59 - 2754	ND*	Thiamethoxam	59 - 2754	ND*
Kresoxim-methyl	357 - 2754	ND*	Trifloxystrobin	59 - 2754	ND*

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

N/A

FINAL APPROVAL


Sam Smith
 27-Nov-2019
 6:32 AM

PREPARED BY / DATE



David Green
 27-Nov-2019
 8:41 AM

APPROVED BY / DATE

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prepared for: **CANNAKORU**
5926 ST. VRAIN RD
LONGMONT, CO 80503

CO2-12NOV2019

Batch ID: CO2-12NOV2019

Test ID: 7053571.002

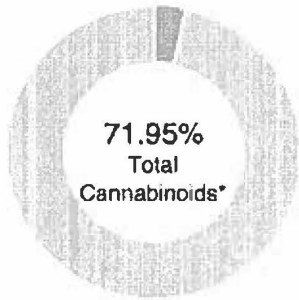
Reported: 19-Nov-2019

Method: TM14

Type: Concentrate

Test: Potency

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.29	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.14	2.32	23.2
Cannabidiolic acid (CBDA)	0.24	0.00	0.0
Cannabidiol (CBD)	0.14	63.44	634.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.16	0.00	0.0
Cannabinolic Acid (CBNA)	0.39	0.00	0.0
Cannabinol (CBN)	0.17	0.00	0.0
Cannabigerolic acid (CBGA)	0.25	0.00	0.0
Cannabigerol (CBG)	0.14	2.51	25.1
Tetrahydrocannabivarinic Acid (THCVA)	0.25	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.13	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.23	0.00	0.0
Cannabidivarin (CBDV)	0.12	0.78	7.8
Cannabichromenic Acid (CBCA)	0.21	0.00	0.0
Cannabichromene (CBC)	0.26	2.90	29.0
Total Cannabinoids		71.95	719.50
Total Potential THC**		2.32	23.20
Total Potential CBD**		63.44	634.40



NOTES
N/A

Total Concentrate = 25g x 634.40 mg = 15860 mg
 Batch = 15 1oz jars
 1057.33 mg per jar

* Percentages = Percent Weight of Analyte / Weight of Product
 ** Total Cannabinoids result reflects the gravimetric sum of all cannabinoids detected
 *** Total Potential THC/CBD is calculated using the following formulas: Total Potential THC = (THCA + (THC x 0.877)) and Total CBD = (CBD + (CBDA x 0.877))

FINAL APPROVAL

PREPARED BY / DATE

Ryan Weems
 19-Nov-2019
 4:06 PM

APPROVED BY / DATE

David Green
 19-Nov-2019
 4:15 PM

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