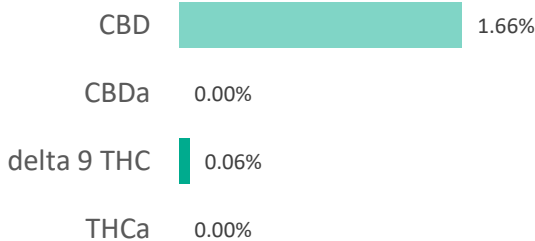
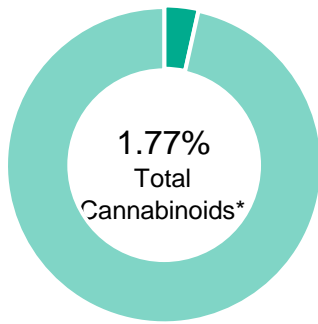


Keto Coffee Additive-Batch 163370

Batch ID:	163370	Test ID:	1180143.0035
Reported:	2-Mar-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.00	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.00	0.06	0.6
Cannabidiolic acid (CBDA)	0.01	ND	ND
Cannabidiol (CBD)	0.00	1.66	16.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.00	ND	ND
Cannabinolic Acid (CBNA)	0.01	ND	ND
Cannabinol (CBN)	0.00	ND	ND
Cannabigerolic acid (CBGA)	0.00	ND	ND
Cannabigerol (CBG)	0.00	0.03	0.3
Tetrahydrocannabivarinic Acid (THCVA)	0.00	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	ND	ND
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.00	ND	ND
Cannabichromenic Acid (CBCA)	0.00	ND	ND
Cannabichromene (CBC)	0.00	0.02	0.2
Total Cannabinoids		1.77	17.70
Total Potential THC**		0.06	0.60
Total Potential CBD**		1.66	16.60

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
2-Mar-2020
1:23 PM



Greg Zimpfer
2-Mar-2020
5:32 PM

PREPARED BY / DATE

APPROVED BY / DATE

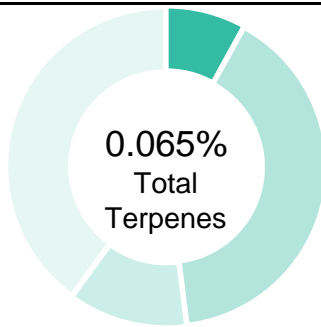
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods.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

Keto Coffee Additive-Batch 163370

Batch ID:	163370	Test ID:	9924436.0021
Reported:	17-Mar-2020	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE




Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.020	0.2
Camphene	N/A	N/A
delta-3-Carene	0.000	0
beta-Caryophyllene	0.020	0.2
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.006	0.06
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.000	0
beta-Myrcene	0.004	0.04
cis-Nerolidol	0.012	0.12
trans-Nerolidol	0.003	0.03
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
	0.065%	0.65

PREDOMINANT TERPENES

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.004%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.000%
Linalool	0.000%
beta-Caryophyllene	0.020%
alpha-Humulene	0.006%
(-)-alpha-Bisabolol	0.020%

 NOTES:
 0

FINAL APPROVAL

 Michelle Gagnon 17-Mar-2020 1:51 PM	 Greg Zimpfer 17-Mar-2020 2:45 PM
--	---

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC. 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

Keto Coffee Additive-Batch 163370

Batch ID:	163370	Test ID:	7189115.0051
Reported:	14-Mar-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	53 - 2457	ND*	Malathion	53 - 2457	ND*
Acetamiprid	53 - 2457	ND*	Metalaxyl	318 - 2457	ND*
Abamectin		ND*	Methiocarb	53 - 2457	ND*
Azoxystrobin	53 - 2457	ND*	Methomyl	53 - 2457	ND*
Bifenazate	53 - 2457	ND*	MGK 264 1	53 - 2457	ND*
Boscalid	318 - 2457	ND*	MGK 264 2	318 - 2457	ND*
Carbaryl	53 - 2457	ND*	Myclobutanil	318 - 2457	ND*
Carbofuran	53 - 2457	ND*	Naled	318 - 2457	ND*
Chlorantraniliprole	53 - 2457	ND*	Oxamyl	53 - 2457	ND*
Chlorpyrifos	318 - 2457	ND*	Paclobutrazol	53 - 2457	ND*
Clofentezine	53 - 2457	ND*	Permethrin	318 - 2457	ND*
Diazinon	53 - 2457	ND*	Phosmet	53 - 2457	ND*
Dichlorvos	318 - 2457	ND*	Prophos	318 - 2457	ND*
Dimethoate	53 - 2457	ND*	Propoxur	318 - 2457	ND*
E-Fenpyroximate	318 - 2457	ND*	Pyridaben	318 - 2457	ND*
Etofenprox	318 - 2457	ND*	Spinosad A	53 - 2457	ND*
Etoxazole	318 - 2457	ND*	Spinosad D	318 - 2457	ND*
Fenoxycarb	53 - 2457	ND*	Spiromesifen	53 - 2457	ND*
Fipronil	318 - 2457	ND*	Spirotetramat	318 - 2457	ND*
Flonicamid	53 - 2457	ND*	Spiroxamine 1	53 - 2457	ND*
Fludioxonil	318 - 2457	ND*	Spiroxamine 2	53 - 2457	ND*
Hexythiazox	318 - 2457	ND*	Tebuconazole	53 - 2457	ND*
Imazalil	318 - 2457	ND*	Thiacloprid	53 - 2457	ND*
Imidacloprid	53 - 2457	ND*	Thiamethoxam	53 - 2457	ND*
Kresoxim-methyl	53 - 2457	ND*	Trifloxystrobin	318 - 2457	ND*

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

N/A

FINAL APPROVAL


Tyler Wiese
 14-Mar-2020
 12:41 PM

PREPARED BY / DATE



Greg Zimpfer
 14-Mar-2020
 7:57 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.

Keto Coffee Additive-Batch 163370

Batch ID:	163370	Test ID:	T000066833
Reported:	15-Mar-2020	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
14-Mar-2020
9:09 PM
Greg Zimpfer
15-Mar-2020
6:13 PM

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 4329.03



Certificate #4329.03

Keto Coffee Additive-Batch 163370

Batch ID:	163370	Test ID:	T000066832
Reported:	12-Mar-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	86 - 1728	*ND
Butanes (Isobutane, n-Butane)	173 - 3468	*ND
Methanol	65 - 1305	*ND
Pentane	97 - 1930	*ND
Ethanol	99 - 1973	*ND
Acetone	104 - 2080	*ND
Isopropyl Alcohol	112 - 2235	*ND
Hexane	6 - 127	*ND
Ethyl Acetate	106 - 2121	*ND
Benzene	0.2 - 4.2	*ND
Heptanes	101 - 2015	*ND
Toluene	19 - 382	*ND
Xylenes (m,p,o-Xylenes)	141 - 2813	*ND

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

NOTES:
N/A

FINAL APPROVAL

Tyler Wiese
12-Mar-2020
9:23 PMGreg Zimpfer
12-Mar-2020
9:32 PM

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


Keto Coffee Additive-Batch 163370

Batch ID:	163370	Test ID:	T000066836
Reported:	20-Mar-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


Daniel Weidensaul
20-Mar-2020
4:57 PM

PREPARED BY / DATE


Greg Zimpfer
20-Mar-2020
5:20 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.