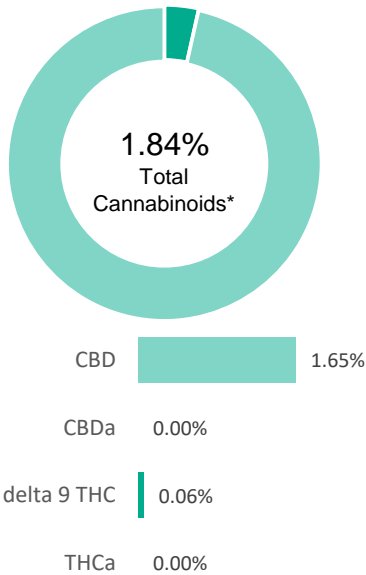


**Organic Keto Coffee Additive MCT 450**

<b>Batch ID:</b>	O164538	<b>Test ID:</b>	T000125667
<b>Type:</b>	Concentrate	<b>Submitted:</b>	02/23/2021 @ 10:57 AM
<b>Test:</b>	Potency	<b>Started:</b>	2/24/2021
<b>Method:</b>	TM14	<b>Reported:</b>	2/25/2021

**CANNABINOID PROFILE**


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.02	0.06	0.6
Cannabidiolic acid (CBDA)	0.01	ND	ND
Cannabidiol (CBD)	0.01	1.65	16.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	ND	ND
Cannabinolic Acid (CBNA)	0.01	ND	ND
Cannabinol (CBN)	0.00	ND	ND
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.00	0.05	0.5
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	ND	ND
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.00	0.01	0.1
Cannabichromenic Acid (CBCA)	0.01	ND	ND
Cannabichromene (CBC)	0.01	0.07	0.7
<b>Total Cannabinoids</b>		<b>1.84</b>	<b>18.4</b>
<b>Total Potential THC**</b>		<b>0.06</b>	<b>0.6</b>
<b>Total Potential CBD**</b>		<b>1.65</b>	<b>16.5</b>

**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 25-Feb-2021 3:50 PM	 Ben Minton 25-Feb-2021 4:11 PM
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PREPARED BY / DATE

APPROVED BY / DATE

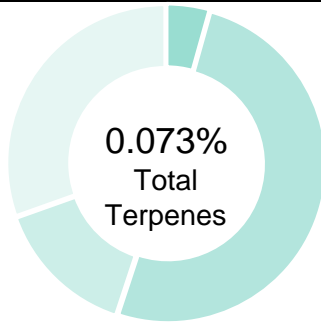
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Certificate #4329.02

**Organic Keto Coffee Additive MCT 450**

<b>Batch ID:</b>	O164538	<b>Test ID:</b>	T000125668
<b>Type:</b>	Concentrate	<b>Submitted:</b>	02/23/2021 @ 10:57 AM
<b>Test:</b>	Terpenes	<b>Started:</b>	2/25/2021
<b>Method:</b>	TM22	<b>Reported:</b>	2/26/2021

**TERPENE PROFILE**




Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.021	0.21
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.035	0.35
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.010	0.1
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.003	0.03
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.002	0.02
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	0.002	0.02
<b>Total</b>	<b>0.073%</b>	<b>0.73</b>

**PREDOMINANT TERPENES**

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.000%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.000%
Linalool	0.003%
beta-Caryophyllene	0.035%
alpha-Humulene	0.010%
(-)-alpha-Bisabolol	0.021%

 NOTES:  
 0

**FINAL APPROVAL**

 <b>Ryan Weems</b> 26-Feb-2021 3:37 PM	 <b>Greg Zimpfer</b> 26-Feb-2021 6:09 PM
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Certificate #4329.02

## Organic Keto Coffee Additive MCT 450

<b>Batch ID:</b>	O164538	<b>Test ID:</b>	T000125670
<b>Type:</b>	Concentrate	<b>Submitted:</b>	02/23/2021 @ 10:57 AM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	2/23/2021
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	2/26/2021

## MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
<b>Total Aerobic Count**</b>	None Detected
<b>Total Coliforms**</b>	None Detected
<b>Total Yeast and Molds**</b>	None Detected
<b>E. coli</b>	Absent
<b>E. coli (STEC)</b>	None Detected
<b>Salmonella</b>	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  
26-Feb-2021  
2:44 PM  
Greg Zimpfer  
26-Feb-2021  
6:05 PM

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Certificate #4329.03

**Organic Keto Coffee Additive MCT 450**

<b>Batch ID:</b>	O164538	<b>Test ID:</b>	T000125669
<b>Type:</b>	Concentrate	<b>Submitted:</b>	02/23/2021 @ 10:57 AM
<b>Test:</b>	Pesticides	<b>Started:</b>	2/25/2021
<b>Method:</b>	TM17	<b>Reported:</b>	3/1/2021


**PESTICIDE RESIDUE**


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	32 - 2383	ND*	Malathion	281 - 2383	ND*
Acetamiprid	39 - 2383	ND*	Metalaxyl	38 - 2383	ND*
Abamectin	>330	ND*	Methiocarb	37 - 2383	ND*
Azoxystrobin	41 - 2383	ND*	Methomyl	41 - 2383	ND*
Bifenazate	27 - 2383	ND*	MGK 264 1	154 - 2383	ND*
Boscalid	41 - 2383	ND*	MGK 264 2	97 - 2383	ND*
Carbaryl	37 - 2383	ND*	Myclobutanil	36 - 2383	ND*
Carbofuran	38 - 2383	ND*	Naled	40 - 2383	ND*
Chlorantraniliprole	35 - 2383	ND*	Oxamyl	37 - 2383	ND*
Chlorpyrifos	41 - 2383	ND*	Paclobutrazol	39 - 2383	ND*
Clofentezine	260 - 2383	ND*	Permethrin	259 - 2383	ND*
Diazinon	271 - 2383	ND*	Phosmet	40 - 2383	ND*
Dichlorvos	>276	ND*	Propfos	288 - 2383	ND*
Dimethoate	39 - 2383	ND*	Propxur	37 - 2383	ND*
E-Fenpyroximate	270 - 2383	ND*	Pyridaben	272 - 2383	ND*
Etofenprox	40 - 2383	ND*	Spinosad A	29 - 2383	ND*
Etoazole	279 - 2383	ND*	Spinosad D	73 - 2383	ND*
Fenoxycarb	>30	ND*	Spiromesifen	>264	ND*
Fipronil	37 - 2383	ND*	Spirotetramat	>289	ND*
Flonicamid	36 - 2383	ND*	Spiroxamine 1	16 - 2383	ND*
Fludioxonil	>276	ND*	Spiroxamine 2	21 - 2383	ND*
Hexythiazox	34 - 2383	ND*	Tebuconazole	275 - 2383	ND*
Imazalil	263 - 2383	ND*	Thiacloprid	41 - 2383	ND*
Imidacloprid	40 - 2383	ND*	Thiamethoxam	37 - 2383	ND*
Kresoxim-methyl	42 - 2383	ND*	Trifloxystrobin	39 - 2383	ND*

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

N/A

**FINAL APPROVAL**

 Tyler Wiese  
 1-Mar-2021  
 12:03 PM

 Ben Minton  
 1-Mar-2021  
 1:06 PM

PREPARED BY / DATE

APPROVED BY / DATE

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**Organic Keto Coffee Additive MCT 450**

<b>Batch ID:</b>	O164538	<b>Test ID:</b>	T000125671
<b>Type:</b>	Other	<b>Submitted:</b>	02/23/2021 @ 10:57 AM
<b>Test:</b>	Metals	<b>Started:</b>	2/26/2021
<b>Method:</b>	TM19	<b>Reported:</b>	3/1/2021


**HEAVY METALS**

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.071 - 7.12	ND
Cadmium	0.074 - 7.41	ND
Mercury	0.073 - 7.34	ND
Lead	0.073 - 7.27	ND

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

**FINAL APPROVAL**  
Daniel Weidensaul  
1-Mar-2021  
12:44 PM

PREPARED BY / DATE

  
Greg Zimpfer  
1-Mar-2021  
2:45 PM

APPROVED BY / DATE

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## Organic Keto Coffee Additive MCT 450

<b>Batch ID:</b>	O164538	<b>Test ID:</b>	T000125672
<b>Type:</b>	Concentrate	<b>Submitted:</b>	02/23/2021 @ 10:57 AM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	2/26/2021
<b>Method:</b>	TM04	<b>Reported:</b>	2/26/2021

## RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	91 - 1828	*ND
Butanes (Isobutane, n-Butane)	175 - 3509	*ND
Methanol	54 - 1071	*ND
Pentane	87 - 1744	*ND
Ethanol	86 - 1722	*ND
Acetone	87 - 1748	*ND
Isopropyl Alcohol	88 - 1769	*ND
Hexane	5 - 107	*ND
Ethyl Acetate	88 - 1766	*ND
Benzene	0.2 - 3.5	*ND
Heptanes	87 - 1743	*ND
Toluene	16 - 317	*ND
Xylenes (m,p,o-Xylenes)	115 - 2309	*ND

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


NOTES:  
N/A

## FINAL APPROVAL



Mara Miller  
26-Feb-2021  
4:02 PM

PREPARED BY / DATE



Greg Zimpfer  
26-Feb-2021  
6:08 PM

APPROVED BY / DATE

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