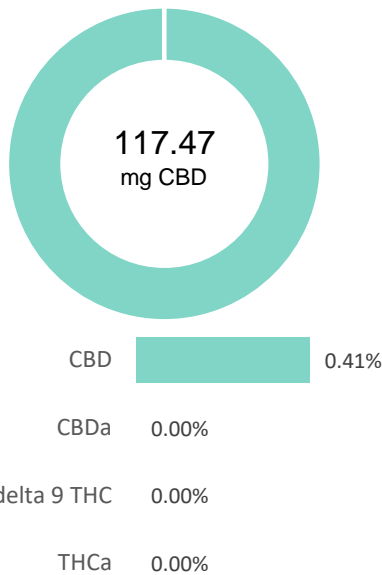


**CINNAMINT CBG 1000MG**

<b>Batch ID:</b>	IKCMTG.6	<b>Test ID:</b>	T000118970
<b>Type:</b>	Unit	<b>Submitted:</b>	01/13/2021 @ 01:18 PM
<b>Test:</b>	Potency	<b>Started:</b>	1/18/2021
<b>Method:</b>	TM14	<b>Reported:</b>	1/19/2021

**CANNABINOID PROFILE**


Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	44.23	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	49.92	ND	ND
Cannabidiolic acid (CBDA)	55.52	ND	ND
Cannabidiol (CBD)	54.13	117.47	4.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	54.97	ND	ND
Cannabinolic Acid (CBNA)	31.48	ND	ND
Cannabinol (CBN)	14.40	ND	ND
Cannabigerolic acid (CBGA)	46.14	ND	ND
Cannabigerol (CBG)	11.04	992.84	35.0
Tetrahydrocannabivarinic Acid (THCVA)	39.01	ND	ND
Tetrahydrocannabivarin (THCV)	10.04	ND	ND
Cannabidivarinic Acid (CBDVA)	23.16	ND	ND
Cannabidivarin (CBDV)	12.80	ND	ND
Cannabichromenic Acid (CBCA)	17.78	ND	ND
Cannabichromene (CBC)	19.44	35.13	1.2
<b>Total Cannabinoids</b>		<b>1145.44</b>	<b>40.3</b>
Total Potential THC**		ND	ND
Total Potential CBD**		117.47	4.1

**NOTES:**

# of Servings = 1, Sample Weight=28.4g

% = % (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**

 Taylor Brevik 19-Jan-2021 12:23 PM	 Ben Minton 19-Jan-2021 2:06 PM
---	---

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

**CINNAMINT CBG 1000MG**

<b>Batch ID:</b>	IKCMTG.6	<b>Test ID:</b>	T000118975
<b>Type:</b>	Concentrate	<b>Submitted:</b>	01/13/2021 @ 01:18 PM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	1/18/2021
<b>Method:</b>	TM04	<b>Reported:</b>	1/18/2021

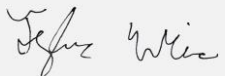
**RESIDUAL SOLVENTS**

Solvent	Dynamic Range (ppm)	Result (ppm)
<b>Propane</b>	109 - 2172	*ND
<b>Butanes</b> (Isobutane, n-Butane)	209 - 4180	*ND
<b>Methanol</b>	59 - 1182	*ND
<b>Pentane</b>	102 - 2036	*ND
<b>Ethanol</b>	106 - 2112	*ND
<b>Acetone</b>	99 - 1982	*ND
<b>Isopropyl Alcohol</b>	104 - 2075	*ND
<b>Hexane</b>	6 - 122	*ND
<b>Ethyl Acetate</b>	102 - 2038	*ND
<b>Benzene</b>	0.2 - 3.8	*ND
<b>Heptanes</b>	100 - 2002	*ND
<b>Toluene</b>	18 - 360	*ND
<b>Xylenes</b> (m,p,o-Xylenes)	133 - 2650	*ND

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

NOTES:  
N/A

**FINAL APPROVAL**

 Tyler Wiese  
18-Jan-2021  
2:12 PM

PREPARED BY / DATE

 Ben Minton  
18-Jan-2021  
3:57 PM

APPROVED BY / DATE

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Certificate #4329.02

## CINNAMINT CBG 1000MG

<b>Batch ID:</b>	IKCMTG.6	<b>Test ID:</b>	T000118973
<b>Type:</b>	Concentrate	<b>Submitted:</b>	01/13/2021 @ 01:18 PM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	1/15/2021
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	1/18/2021

## 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

  
Tori King  
18-Jan-2021  
12:00 PM  
Ben Minton  
18-Jan-2021  
3:40 PM

PREPARED BY / DATE

APPROVED BY / DATE

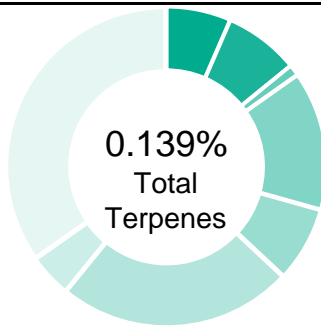
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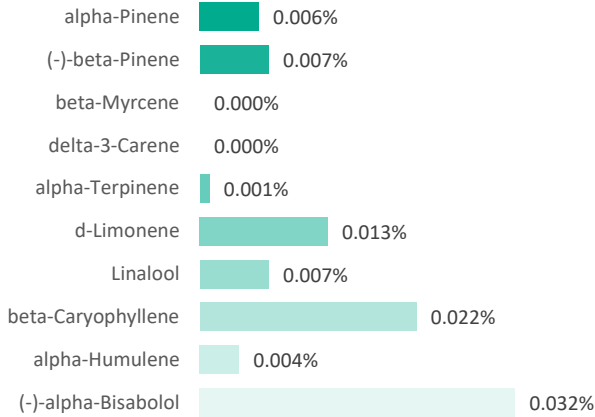
Certificate #4329.03

**CINNAMINT CBG 1000MG**

<b>Batch ID:</b>	IKCMTG.6	<b>Test ID:</b>	T000118971
<b>Type:</b>	Concentrate	<b>Submitted:</b>	01/13/2021 @ 01:18 PM
<b>Test:</b>	Terpenes	<b>Started:</b>	1/14/2021
<b>Method:</b>	TM22	<b>Reported:</b>	1/15/2021

**TERPENE PROFILE**


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.032	0.32
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.022	0.22
(-)-Caryophyllene Oxide	0.006	0.06
p-Cymene	0.004	0.04
Eucalyptol	0.029	0.29
Geraniol	0.000	0
alpha-Humulene	0.004	0.04
(-)-Isopulegol	0.005	0.05
d-Limonene	0.013	0.13
Linalool	0.007	0.07
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	0.006	0.06
(-)-beta-Pinene	0.007	0.07
alpha-Terpinene	0.001	0.01
gamma-Terpinene	0.001	0.01
Terpinolene	0.000	0
<b>Total</b>	<b>0.139%</b>	<b>1.39</b>

**PREDOMINANT TERPENES**

 NOTES:  
 0

**FINAL APPROVAL**

	Michele Gagnon 15-Jan-2021 1:04 PM		Greg Zimpfer 15-Jan-2021 3:34 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02


**CINNAMINT CBG 1000MG**

<b>Batch ID:</b>	IKCMTG.6	<b>Test ID:</b>	T000118974
<b>Type:</b>	Other	<b>Submitted:</b>	01/13/2021 @ 01:18 PM
<b>Test:</b>	Metals	<b>Started:</b>	1/18/2021
<b>Method:</b>	TM19	<b>Reported:</b>	1/19/2021


**HEAVY METALS**

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.076 - 7.57	ND
Cadmium	0.073 - 7.29	ND
Mercury	0.075 - 7.53	ND
Lead	0.088 - 8.79	ND

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

**FINAL APPROVAL**  
Sam Smith  
19-Jan-2021  
4:00 PM

PREPARED BY / DATE

  
Ben Minton  
19-Jan-2021  
6:28 PM

APPROVED BY / DATE

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