


Prepared for:


**CGC BBBL- MID- MS Peppermint Tincture-
750mg/30mL**
Canopy BBBL

Batch ID or Lot Number: LOT:0000001832	Test: Potency	Reported: 2/2/22	Location: 35715 US HWY 40, SUITE D102 Evergreen, CO 80439
Matrix: Solution	Test ID: T000189579	Started: 2/1/22	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 01/27/2022 @ 01:53 PM	Sampler ID: N/A

CANNABINOID PROFILE

Compound	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.152	0.463	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.172	0.523	ND	ND	Density = 0.94g/mL
Cannabidiolic acid (CBDA)	0.191	0.528	ND	ND	
Cannabidiol (CBD)	0.187	0.515	30.287	32.22	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.189	0.576	ND	ND	
Cannabinolic Acid (CBNA)	0.108	0.330	ND	ND	
Cannabinol (CBN)	0.049	0.151	ND	ND	
Cannabigerolic acid (CBGA)	0.159	0.483	ND	ND	
Cannabigerol (CBG)	0.038	0.116	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.134	0.408	ND	ND	
Tetrahydrocannabivarin (THCV)	0.034	0.105	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.080	0.220	ND	ND	
Cannabidivarin (CBDV)	0.044	0.122	ND	ND	
Cannabichromenic Acid (CBCA)	0.061	0.186	ND	ND	
Cannabichromene (CBC)	0.067	0.204	ND	ND	
Total Cannabinoids			30.287	32.22	
Total Potential THC**			ND	ND	
Total Potential CBD**			30.287	32.22	


 Daniel Weidensaul
 02-Feb-2022
 04:01 PM


 Sam Smith
 2-Feb-22
 4:09 PM

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Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

** 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))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

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

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.



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Prepared for:

**CGC BBBL- MID- MS Peppermint Tincture-
750mg/30mL****Canopy BBBL**

Batch ID or Lot Number: LOT:0000001832	Test: Microbial Contaminants	Reported: 1/31/22	Location: 35715 US HWY 40, SUITE D102 Evergreen, CO 80439
Matrix: Finished Product	Test ID: T000189581	Started: 1/28/22	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	Received: 01/27/2022 @ 01:53 PM	Sampler ID: N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
Total Aerobic Count*	TM-26, Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	

Sarah Henning
1/31/2022
4:57:00 PMEden Thompson-Wright
1/31/2022
5:04:00 PM

PREPARED BY / DATE

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Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples:

10² = 100 CFU
10³ = 1,000 CFU
10⁴ = 10,000 CFU
10⁵ = 100,000 CFU

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**CGC BBBL- MID- MS Peppermint Tincture-
750mg/30mL**


Prepared for:

Canopy BBBL


Batch ID or Lot Number: LOT:0000001832	Test: Mycotoxins	Reported: 2/2/22	Location: 35715 US HWY 40, SUITE D102 Evergreen, CO 80439
Matrix: Concentrate	Test ID: T000189584	Started: 2/1/22	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel)	Received: 01/27/2022 @ 01:53 PM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.6 - 127.1	ND	N/A
Aflatoxin B1	0.9 - 32.6	ND	
Aflatoxin B2	1 - 32.9	ND	
Aflatoxin G1	1 - 32.6	ND	
Aflatoxin G2	0.9 - 32.1	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	


Hannah Wright
2-Feb-22
2:14 PM

PREPARED BY / DATE


Sam Smith
2-Feb-22
2:29 PM

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Definitions

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**CGC BBBL- MID- MS Peppermint Tincture-
750mg/30mL**


Prepared for:

Canopy BBBL


Batch ID or Lot Number: LOT:0000001832	Test: Metals	Reported: 2/2/22	Location: 35715 US HWY 40, SUITE D102 Evergreen, CO 80439
Matrix: Unit Co	Test ID: T000189582	Started: 2/2/22	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals (Colorado Panel)	Received: 01/27/2022 @ 01:53 PM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.044 - 4.43	ND	
Cadmium	0.047 - 4.65	ND	
Mercury	0.043 - 4.30	ND	
Lead	0.044 - 4.41	ND	


Sam Smith
2-Feb-22
3:55 PM

PREPARED BY / DATE


Daniel Weidensaul
2-Feb-22
4:21 PM

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**CGC BBBL- MID- MS Peppermint Tincture-
750mg/30mL****Canopy BBBL**

Batch ID or Lot Number: LOT:0000001832	Test: Pesticides	Reported: 2/2/22	Location: 35715 US HWY 40, SUITE D102 Evergreen, CO 80439
Matrix: Concentrate	Test ID: T000189580	Started: 2/1/22	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 01/27/2022 @ 01:53 PM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	42	ND	Fenoxycarb	41	ND	Paclobutrazol	41	ND
Acetamiprid	41	ND	Fipronil	64	ND	Permethrin	273	ND
Avermectin	339	ND	Flonicamid	41	ND	Phosmet	42	ND
Azoxystrobin	43	ND	Fludioxonil	313	ND	Prophos	287	ND
Bifenazate	43	ND	Hexythiazox	40	ND	Propoxur	43	ND
Boscalid	40	ND	Imazalil	269	ND	Pyridaben	286	ND
Carbaryl	41	ND	Imidacloprid	44	ND	Spinosad A	33	ND
Carbofuran	42	ND	Kresoxim-methyl	150	ND	Spinosad D	47	ND
Chlorantraniliprole	57	ND	Malathion	302	ND	Spiromesifen	273	ND
Chlorpyrifos	500	ND	Metalaxyl	42	ND	Spirotetramat	290	ND
Clofentezine	287	ND	Methiocarb	45	ND	Spiroxamine 1	19	ND
Diazinon	279	ND	Methomyl	41	ND	Spiroxamine 2	24	ND
Dichlorvos	280	ND	MGK 264 1	161	ND	Tebuconazole	297	ND
Dimethoate	41	ND	MGK 264 2	110	ND	Thiacloprid	45	ND
E-Fenpyroximate	270	ND	Myclobutanil	48	ND	Thiamethoxam	44	ND
Etofenprox	42	ND	Naled	43	ND	Trifloxystrobin	43	ND
Etoxazole	282	ND	Oxamyl	1500	ND			


Daniel Weidensaul
2/2/2022
6:06:00 PM


Courtney Richards
2/2/2022
9:09:00 PM

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Definitions

LOQ = Limit of Quantification

ppb = Parts per Billion

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**CGC BBBL- MID- MS Peppermint Tincture-
750mg/30mL**
Canopy BBBL


Batch ID or Lot Number: LOT:0000001832	Test: Residual Solvents	Reported: 2/2/22	Location: 35715 US HWY 40, SUITE D102 Evergreen, CO 80439
Matrix: N/A	Test ID: T000189583	Started: 2/1/22	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents (Colorado Panel)	Received: 01/27/2022 @ 01:53 PM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	79 - 1587	*ND	
Butanes (Isobutane, n-Butane)	165 - 3296	*ND	
Methanol	55 - 1095	*ND	
Pentane	88 - 1765	*ND	
Ethanol	78 - 1566	*ND	
Acetone	92 - 1840	*ND	
Isopropyl Alcohol	90 - 1794	*ND	
Hexane	6 - 116	*ND	
Ethyl Acetate	92 - 1833	*ND	
Benzene	0.2 - 3.5	*ND	
Heptanes	90 - 1807	*ND	
Toluene	16 - 318	*ND	
Xylenes (m,p,o-Xylenes)	111 - 2211	*ND	


 Hannah Wright
 2-Feb-22
 10:24 AM

PREPARED BY / DATE


 Sam Smith
 2-Feb-22
 10:28 AM

APPROVED BY / DATE

Definitions

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