

Prepared for:

ECBD Patch

MARYS NUTRITIONALS


Batch ID or Lot Number: 1175	Test: Potency	Reported: 7/19/21	Location: 3251 N Revere Street Suite 200 Aurora, CO 80011
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Matrix: Unit	Test ID: T000149967	Started: 7/9/21	USDA License: N/A
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Status: N/A	Method: TM14: Full Spectrum Cannabinoid Potency	Received: 07/02/2021 @ 02:04 PM	Sampler ID: N/A
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CANNABINOID PROFILE

Compound	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.007	0.018	ND	ND	# of Servings = 1 Sample Weight=0.638g Certificate of Analysis reissued to display correct LOD/LOQ for sample. Results are unchanged. CJ 19Jul2021
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.007	0.021	0.013*	0.02	
Cannabidiolic acid (CBDA)	0.043	0.127	ND	ND	
Cannabidiol (CBD)	0.042	0.124	22.333	35.02	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.044	0.133	ND	ND	
Cannabinolic Acid (CBNA)	0.025	0.076	ND	ND	
Cannabinol (CBN)	0.012	0.035	0.039	0.06	
Cannabigerolic acid (CBGA)	0.037	0.111	ND	ND	
Cannabigerol (CBG)	0.009	0.027	1.229	1.93	
Tetrahydrocannabivarinic Acid (THCVA)	0.031	0.094	ND	ND	
Tetrahydrocannabivarin (THCV)	0.008	0.024	0.016*	0.03	
Cannabidivarinic Acid (CBDVA)	0.018	0.053	ND	ND	
Cannabidivarin (CBDV)	0.010	0.029	0.349	0.55	
Cannabichromenic Acid (CBCA)	0.014	0.043	ND	ND	
Cannabichromene (CBC)	0.016	0.047	ND	ND	
Total Cannabinoids			23.979	37.60	
Total Potential THC**			0.013	0.02	
Total Potential CBD**			22.333	35.02	


Daniel Weidensaul
15-Jul-2021
05:26 PM


Chris Jungling
19-Jul-21
10:34 AM

PREPARED BY / DATE

APPROVED BY / DATE

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.



CDPHE Certified



Certificate #4329.02

Prepared for:
MARYS NUTRITIONALS
ECBD Patch

Batch ID or Lot Number: 1175	Test: Microbial Contaminants	Reported: 7/16/21	Location: 3251 N Revere Street Suite 200 Aurora, CO 80011
Matrix: Finished Product	Test ID: T000149969	Started: 7/6/21	USDA License: N/A
Status: N/A	Methods: TM24, TM25, TM26, TM27	Received: 07/02/2021 @ 02:04 PM	Sampler ID: N/A

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	LOQ	Result	Notes
Total Aerobic Count*	TM-26 Culture Plating	10 ² CFU/gram	10 ³ CFU/gram	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/gram	10 ² CFU/gram	None Detected	
Total Yeast and Molds*	TM-24 Culture Plating	10 ¹ CFU/gram	10 ² CFU/gram	None Detected	
E. coli (STEC)	TM-25 PCR	1 CFU/25 grams	NA	Absent	
Salmonella	TM-25 PCR	1 CFU/25 grams	NA	Absent	

Brianne Maillot
 Brianne Maillot
 9-Jul-21
 1:58 PM

Sarah Henning
 Sarah Henning
 16-Jul-21
 1:40 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

CFU/g = Colony Forming Units 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: 10² = 100 CFU
 10³ = 1,000 CFU
 10⁴ = 10,000 CFU
 10⁵ = 100,000 CFU



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Certificate #4329.02

Prepared for:

MARYS NUTRITIONALS
ECBD Patch


Batch ID or Lot Number: 1175	Test: Metals	Reported: 7/16/21	Location: 3251 N Revere Street Suite 200 Aurora, CO 80011
Matrix: Unit Co	Test ID: t000149970	Started: 7/7/21	USDA License: N/A
Status: N/A	Method: TM19: Heavy Metals (Colorado Panel)	Received: 07/02/2021 @ 02:04 PM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Arsenic	0.047 - 4.69	ND	
Cadmium	0.044 - 4.40	ND	
Mercury	0.044 - 4.42	ND	
Lead	0.042 - 4.23	ND	


 Ryan Weems
 16-Jul-21
 3:00 PM

PREPARED BY / DATE


 Courtney Richards
 16-Jul-21
 3:04 PM

APPROVED BY / DATE

Definitions

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

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CDPHE Certified



Certificate #4329.02

ECBD Patch

Batch ID:	1175	Test ID:	T000149968
Type:	Concentrate	Submitted:	07/02/2021 @ 02:04 PM
Test:	Pesticides	Started:	7/8/2021
Method:	TM17	Reported:	7/12/2021


PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	48 - 2724	ND*	Malathion	335 - 2724	ND*
Acetamiprid	48 - 2724	ND*	Metalaxyl	50 - 2724	ND*
Abamectin	>348	ND*	Methiocarb	50 - 2724	ND*
Azoxystrobin	49 - 2724	ND*	Methomyl	51 - 2724	ND*
Bifenazate	45 - 2724	ND*	MGK 264 1	195 - 2724	ND*
Boscalid	44 - 2724	ND*	MGK 264 2	130 - 2724	ND*
Carbaryl	48 - 2724	ND*	Myclobutanil	45 - 2724	ND*
Carbofuran	50 - 2724	ND*	Naled	51 - 2724	ND*
Chlorantraniliprole	55 - 2724	ND*	Oxamyl	49 - 2724	ND*
Chlorpyrifos	46 - 2724	ND*	Paclobutrazol	49 - 2724	ND*
Clofentezine	333 - 2724	ND*	Permethrin	346 - 2724	ND*
Diazinon	324 - 2724	ND*	Phosmet	50 - 2724	ND*
Dichlorvos	>340	ND*	Prophos	341 - 2724	ND*
Dimethoate	54 - 2724	ND*	Proxoxur	51 - 2724	ND*
E-Fenpyroximate	343 - 2724	ND*	Pyridaben	335 - 2724	ND*
Etofenprox	48 - 2724	ND*	Spinosad A	32 - 2724	ND*
Etoazole	337 - 2724	ND*	Spinosad D	86 - 2724	ND*
Fenoxycarb	>39	ND*	Spiromesifen	>316	ND*
Fipronil	42 - 2724	ND*	Spirotetramat	>324	ND*
Flonicamid	53 - 2724	ND*	Spiroxamine 1	23 - 2724	ND*
Fludioxonil	>363	ND*	Spiroxamine 2	27 - 2724	ND*
Hexythiazox	53 - 2724	ND*	Tebuconazole	315 - 2724	ND*
Imazalil	323 - 2724	ND*	Thiacloprid	47 - 2724	ND*
Imidacloprid	52 - 2724	ND*	Thiamethoxam	52 - 2724	ND*
Kresoxim-methyl	59 - 2724	ND*	Trifloxystrobin	51 - 2724	ND*

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

N/A

FINAL APPROVAL


 Taylor Brevik
 12-Jul-2021
 4:20 PM


 Courtney Richards
 12-Jul-2021
 9:30 PM

PREPARED BY / DATE

APPROVED BY / DATE

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LOT NUMBER	1175
BRAND	Mary's Nutritionals
PRODUCT NAME	CBD Patch
DATE OF MANUFACTURE	06/24/2021
EXPIRATION DATE	06/24/2023