

Prepared for:

ECBD Patch
MARYS NUTRITIONALS


Batch ID or Lot Number: 1188	Test: Potency	Reported: 7/26/21	Location: 3251 N Revere Street Suite 200 Aurora, CO 80011
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Matrix: Unit	Test ID: T000152905	Started: 7/22/21	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC (Colorado Panel)	Received: 07/20/2021 @ 09:49 AM	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)	0.006	0.018	ND	ND	# of Servings = 1 Sample Weight=0.629g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.007	0.020	0.023	0.04	
Cannabidiolic acid (CBDA)	0.163	0.558	ND	ND	
Cannabidiol (CBD)	0.159	0.544	20.500	32.57	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.206	0.578	ND	ND	
Cannabinolic Acid (CBNA)	0.118	0.331	ND	ND	
Cannabinol (CBN)	0.054	0.151	ND	ND	
Cannabigerolic acid (CBGA)	0.173	0.485	ND	ND	
Cannabigerol (CBG)	0.041	0.116	1.206	1.92	
Tetrahydrocannabivarinic Acid (THCVA)	0.146	0.410	ND	ND	
Tetrahydrocannabivarin (THCV)	0.038	0.106	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.068	0.233	ND	ND	
Cannabidivarin (CBDV)	0.038	0.129	0.290	0.46	
Cannabichromenic Acid (CBCA)	0.067	0.187	ND	ND	
Cannabichromene (CBC)	0.073	0.204	ND	ND	
Total Cannabinoids			22.019	34.99	
Total Potential THC**			0.023	0.04	
Total Potential CBD**			20.500	32.57	


 Daniel Weidensaul
 26-Jul-2021
 10:48 AM


 Ryan Weems
 26-Jul-21
 10:50 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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

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:

ECBD Patch

MARYS NUTRITIONALS

Batch ID or Lot Number: 1188	Test: Microbial Contaminants	Reported: 7/23/21	Location: 3251 N Revere Street Suite 200 Aurora, CO 80011
Matrix: Finished Product	Test ID: T000152907	Started: 7/20/21	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	Received: 07/20/2021 @ 09:49 AM	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 ² CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ² 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	

Brianne Maillot
 Brianne Maillot
 7/23/2021
 9:33:00 AM

Robert Belfon
 Robert Belfon
 7/23/2021
 2:27:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

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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MARYS NUTRITIONALS
ECBD Patch

Batch ID or Lot Number: 1188	Test: Metals	Reported: 7/23/21	Location: 3251 N Revere Street Suite 200 Aurora, CO 80011
Matrix: Other	Test ID: T000152908	Started: 7/22/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals (Colorado Panel)	Received: 07/20/2021 @ 09:49 AM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Arsenic	0.051 - 5.11	ND	
Cadmium	0.044 - 4.45	ND	
Mercury	0.044 - 4.39	ND	
Lead	0.043 - 4.34	ND	


 Ryan Weems
 23-Jul-21
 2:53 PM

PREPARED BY / DATE


 Daniel Weidensaul
 23-Jul-21
 2:55 PM

APPROVED BY / DATE

Definitions

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

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ECBD Patch

Batch ID:	1188	Test ID:	T000152906
Type:	Concentrate	Submitted:	07/20/2021 @ 09:49 AM
Test:	Pesticides	Started:	7/23/2021
Method:	TM17 (UHPLC-QQQ LC MS/MS)	Reported:	7/26/2021

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	43 - 2444	ND*	Malathion	283 - 2444	ND*
Acetamiprid	42 - 2444	ND*	Metalaxyl	39 - 2444	ND*
Abamectin	>354	ND*	Methiocarb	42 - 2444	ND*
Azoxystrobin	42 - 2444	ND*	Methomyl	40 - 2444	ND*
Bifenazate	39 - 2444	ND*	MGK 264 1	162 - 2444	ND*
Boscalid	62 - 2444	ND*	MGK 264 2	116 - 2444	ND*
Carbaryl	39 - 2444	ND*	Myclobutanil	45 - 2444	ND*
Carbofuran	40 - 2444	ND*	Naled	43 - 2444	ND*
Chlorantraniliprole	48 - 2444	ND*	Oxamyl	41 - 2444	ND*
Chlorpyrifos	46 - 2444	ND*	Paclbutrazol	44 - 2444	ND*
Clofentezine	277 - 2444	ND*	Permethrin	271 - 2444	ND*
Diazinon	275 - 2444	ND*	Phosmet	42 - 2444	ND*
Dichlorvos	>263	ND*	Prophos	264 - 2444	ND*
Dimethoate	42 - 2444	ND*	Propoxur	38 - 2444	ND*
E-Fenpyroximate	313 - 2444	ND*	Pyridaben	295 - 2444	ND*
Etofenprox	38 - 2444	ND*	Spinosad A	27 - 2444	ND*
Etoxazole	296 - 2444	ND*	Spinosad D	81 - 2444	ND*
Fenoxycarb	>38	ND*	Spiromesifen	>275	ND*
Fipronil	56 - 2444	ND*	Spirotetramat	>329	ND*
Flonicamid	47 - 2444	ND*	Spiroxamine 1	17 - 2444	ND*
Fludioxonil	>275	ND*	Spiroxamine 2	23 - 2444	ND*
Hexythiazox	36 - 2444	ND*	Tebuconazole	313 - 2444	ND*
Imazalil	273 - 2444	ND*	Thiacloprid	42 - 2444	ND*
Imidacloprid	43 - 2444	ND*	Thiamethoxam	41 - 2444	ND*
Kresoxim-methyl	43 - 2444	ND*	Trifloxystrobin	39 - 2444	ND*

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

N/A

FINAL APPROVAL



 Sam Smith
 26-Jul-2021
 7:52 AM



 Taylor Brevik
 26-Jul-2021
 7:53 AM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

LOT NUMBER	1188
BRAND	Mary's Nutritionals
PRODUCT NAME	CBD Patch
DATE OF MANUFACTURE	07/07/2021
EXPIRATION DATE	07/07/2023