

Prepared for:

**ECBD Patch**
**MARYS NUTRITIONALS**


Batch ID or Lot Number: <b>1182</b>	Test: <b>Potency</b>	Reported: <b>7/19/21</b>	Location: 3251 N Revere Street Suite 200 Aurora, CO 80011
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Matrix: Unit	Test ID: T000149979	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=0.677g  Certificate of Analysis reissued to display correct LOD/LOQ for sample. Results are unchanged. CJ 19Jul2022
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.007	0.021	0.015*	0.02	
Cannabidiolic acid (CBDA)	0.043	0.127	ND	ND	
Cannabidiol (CBD)	0.042	0.124	18.249	26.95	
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	0.032*	0.05	
Cannabigerolic acid (CBGA)	0.037	0.111	ND	ND	
Cannabigerol (CBG)	0.009	0.027	1.033	1.53	
Tetrahydrocannabivarinic Acid (THCVA)	0.031	0.094	ND	ND	
Tetrahydrocannabivarin (THCV)	0.008	0.024	0.014*	0.02	
Cannabidivarinic Acid (CBDVA)	0.018	0.053	ND	ND	
Cannabidivarin (CBDV)	0.010	0.029	0.287	0.42	
Cannabichromenic Acid (CBCA)	0.014	0.043	ND	ND	
Cannabichromene (CBC)	0.016	0.047	ND	ND	
<b>Total Cannabinoids</b>			<b>19.630</b>	<b>28.99</b>	
Total Potential THC**			0.015	0.02	
Total Potential CBD**			18.249	26.95	

  
 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.

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

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

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:  
**MARYS NUTRITIONALS**
**ECBD Patch**

Batch ID or Lot Number: <b>1182</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>7/16/21</b>	Location: 3251 N Revere Street Suite 200 Aurora, CO 80011
Matrix: Finished Product	Test ID: T000149981	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
<b>Total Aerobic Count*</b>	TM-26 Culture Plating	10 <sup>2</sup> CFU/gram	10 <sup>3</sup> CFU/gram	<LOQ	Free from visual mold, mildew, and foreign matter
<b>Total Coliforms*</b>	TM-27 Culture Plating	10 <sup>1</sup> CFU/gram	10 <sup>2</sup> CFU/gram	<b>None Detected</b>	
<b>Total Yeast and Molds*</b>	TM-24 Culture Plating	10 <sup>1</sup> CFU/gram	10 <sup>2</sup> CFU/gram	<b>None Detected</b>	
<b>E. coli (STEC)</b>	TM-25 PCR	1 CFU/25 grams	NA	<b>Absent</b>	
<b>Salmonella</b>	TM-25 PCR	1 CFU/25 grams	NA	<b>Absent</b>	

*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:
- 10<sup>2</sup> = 100 CFU
  - 10<sup>3</sup> = 1,000 CFU
  - 10<sup>4</sup> = 10,000 CFU
  - 10<sup>5</sup> = 100,000 CFU



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Certificate #4329.02

Prepared for:

**MARYS NUTRITIONALS**
**ECBD Patch**


Batch ID or Lot Number: <b>1182</b>	Test: <b>Metals</b>	Reported: <b>7/16/21</b>	Location: 3251 N Revere Street Suite 200 Aurora, CO 80011
Matrix: Unit Co	Test ID: t000149982	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

<b>Batch ID:</b>	1182	<b>Test ID:</b>	T000149980
<b>Type:</b>	Concentrate	<b>Submitted:</b>	07/02/2021 @ 02:04 PM
<b>Test:</b>	Pesticides	<b>Started:</b>	7/8/2021
<b>Method:</b>	TM17	<b>Reported:</b>	7/12/2021


## PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	42 - 2373	ND*	Malathion	291 - 2373	ND*
Acetamiprid	42 - 2373	ND*	Metalaxyl	43 - 2373	ND*
Abamectin	>304	ND*	Methiocarb	44 - 2373	ND*
Azoxystrobin	43 - 2373	ND*	Methomyl	45 - 2373	ND*
Bifenazate	39 - 2373	ND*	MGK 264 1	170 - 2373	ND*
Boscalid	38 - 2373	ND*	MGK 264 2	113 - 2373	ND*
Carbaryl	41 - 2373	ND*	Myclobutanil	39 - 2373	ND*
Carbofuran	43 - 2373	ND*	Naled	44 - 2373	ND*
Chlorantraniliprole	48 - 2373	ND*	Oxamyl	43 - 2373	ND*
Chlorpyrifos	40 - 2373	ND*	Paclobutrazol	43 - 2373	ND*
Clofentezine	290 - 2373	ND*	Permethrin	302 - 2373	ND*
Diazinon	282 - 2373	ND*	Phosmet	44 - 2373	ND*
Dichlorvos	>296	ND*	Prophos	297 - 2373	ND*
Dimethoate	47 - 2373	ND*	Proxoxur	45 - 2373	ND*
E-Fenpyroximate	299 - 2373	ND*	Pyridaben	292 - 2373	ND*
Etofenprox	42 - 2373	ND*	Spinosad A	28 - 2373	ND*
Etozazole	293 - 2373	ND*	Spinosad D	75 - 2373	ND*
Fenoxycarb	>34	ND*	Spiromesifen	>275	ND*
Fipronil	36 - 2373	ND*	Spirotetramat	>282	ND*
Flonicamid	46 - 2373	ND*	Spiroxamine 1	20 - 2373	ND*
Fludioxonil	>316	ND*	Spiroxamine 2	23 - 2373	ND*
Hexythiazox	46 - 2373	ND*	Tebuconazole	275 - 2373	ND*
Imazalil	281 - 2373	ND*	Thiacloprid	41 - 2373	ND*
Imidacloprid	45 - 2373	ND*	Thiamethoxam	45 - 2373	ND*
Kresoxim-methyl	51 - 2373	ND*	Trifloxystrobin	44 - 2373	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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<b>LOT NUMBER</b>	1182
<b>BRAND</b>	Mary's Nutritionals
<b>PRODUCT NAME</b>	CBD Patch
<b>DATE OF MANUFACTURE</b>	07/01/2021
<b>EXPIRATION DATE</b>	07/01/2023