

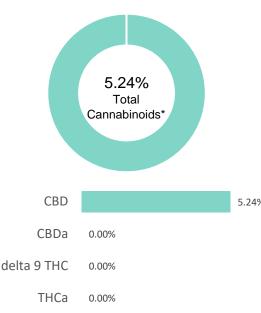
#### prepared for: MYADERM

88 IVERNESS CIRCLE EAST BLDG A SUITE 101 ENGLEWOOD, CO 80112

#### DS ADVANCED

Batch ID:	1112	Test ID:	4112257.0026	
Reported:	23-Oct-2019	Method:	TM14	
Туре:	Concentrate			
Test:	Potency			

### CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.02	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	0.00	0.0
Cannabidiolic acid (CBDA)	0.02	0.00	0.0
Cannabidiol (CBD)	0.01	5.24	52.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.01	0.00	0.0
Cannabinolic Acid (CBNA)	0.02	0.00	0.0
Cannabinol (CBN)	0.01	0.00	0.0
Cannabigerolic acid (CBGA)	0.01	0.00	0.0
Cannabigerol (CBG)	0.01	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.01	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.01	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.02	0.00	0.0
Cannabidivarin (CBDV)	0.01	0.00	0.0
Cannabichromenic Acid (CBCA)	0.01	0.00	0.0
Cannabichromene (CBC)	0.02	0.00	0.0
Total Cannabinoids		5.24	52.40
Total Potential THC**		0.00	0.00
Total Potential CBD**		5.24	52.40

NOTES:

N/A

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

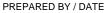
\* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa \*(0.877)) and Total CBD = CBD + (CBDa \*(0.877))

## FINAL APPROVAL



Tyler Wiese 23-Oct-2019 6:29 PM





David Green 23-Oct-2019 6:45 PM

APPROVED BY / DATE

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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



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#### prepared for: MYADERM

88 IVERNESS CIRCLE EAST BLDG A SUITE 101 ENGLEWOOD, CO 80112

### DS ADVANCED

Batch ID:	1112	Test ID:	3049467.010
Reported:	21-Oct-2019	Method:	Topical - Test Methods: TM05, TM06
Туре:	Topical		
Test:	Microbial Contaminants		

### MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	None Detected
Salmonella	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

Milli	Mara Miller 21-Oct-2019 3:49 PM	Dunuh	David Green 21-Oct-2019 3:55 PM	
PREPARED BY / DATE		APPROVED BY / DATE		

Testing results are based solely upon the sample submitted to Botanacor Services, LLC, in the condition it was received. Botanacor Services, 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 Services, LLC.

# **Certificate of Analysis**

Final Product: Cannabidiol Isolate Date of Manufacture: 07/2019

#### Lot Number: IL1906I-037

Test		Methodology	Specification	Test Results (Average)¹	Pass/Fail
Color and Appearance		TM-004 (Visual)	White, crystalline powder free of particulates	Conforms	Pass
CBD Identification		TM-001 (DAD Retention Time)	Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
		TM-001 (DAD UV Spectrum)	UV Spectrum of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
CBD Potency (% w	v/w)	TM-001 (HPLC-DAD)	≥ 98%	99.6	Pass
	THC	TM-001 (HPLC-DAD)	≤ LOQ <sup>2</sup>	≤LOQ	Pass
THC Content (% w/w)	THCA	TM-001 (HPLC-DAD)	≤ LOQ <sup>2</sup>	ND	Pass
	CBDA	TM-001 (HPLC-DAD)	Report	ND	NA
	CBN	TM-001 (HPLC-DAD)	Report	ND	NA
Related Cannabinoid	CBDV	TM-001 (HPLC-DAD)	Report	0.17	NA
Content (%w/w)	CBG	TM-001 (HPLC-DAD)	Report	ND	NA
	Other (Highest)	TM-001 (HPLC-DAD)	Report	0.23	NA
	Total	TM-001 (HPLC-DAD)	Report	0.47	NA
Total Cannabinoid (CBD plus total RC		TM-001 (HPLC-DAD)	Report	100.03	NA
	Pentane	TM-005 (HS-GC-FID)	≤ 500 ppm	194	Pass
Residual	Acetone	TM-005 (HS-GC-FID)	≤ 500 ppm	ND	Pass
Solvents (ppm)	Isopropyl Alcohol	TM-005 (HS-GC-FID)	≤ 500 ppm	< LOQ	Pass
	Hexane	TM-005 (HS-GC-FID)	≤ 25 ppm	< LOQ	Pass
Pesticides (Highest, ppm)	Individual Pesticide Content Test List <sup>3</sup>	LC-MS <sup>4</sup>	≤ LOQ <sup>3</sup>	< LOQ	Pass
	Arsenic	ICP-MS <sup>4</sup>	< 1.5 ppm	< LOQ	Pass
Elemental Impurities (ppm)	Cadmium	ICP-MS <sup>4</sup>	< 0.5 ppm	< LOQ	Pass
	Lead	ICP-MS <sup>4</sup>	< 0.5 ppm	< LOQ	Pass
	Mercury	ICP-MS <sup>4</sup>	< 1.5 ppm	< LOQ	Pass

<sup>1</sup>Number of replicates: 22  $^{2}$ TM-001 LOQ of 0.05% w/w for related cannabinoids.

<sup>3</sup>Full list of individual pesticide residues on file, Eurofins LOQ of 0.05 ppm for individual residues.

<sup>4</sup>Contract Testing performed by Eurofins BioDiagnostics.

#### Prepared by

D

DocuSigned by:

z

Signer Name: Danea Burgess Signing Reason: I am the author of this document Signing Time: 7/26/2019 3:22:07 PM PDT

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#### **Quality Approval**



Beth Grant

D

Signer Name: Beth Grant

Signing Reason: I approve this document Signing Time: 7/26/2019 3:39:14 PM PDT

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