

## **CERTIFICATE OF ANALYSIS**

prepared for: MYADERM 88 IVERNESS CIRCLE EAST BLDG A SUITE 101 ENGLEWOOD, CO 80112

**CBD Cream Advanced Therapy** 

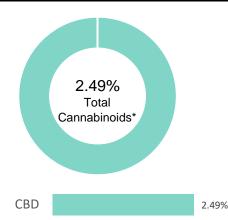
 Batch ID:
 1071
 Test ID:
 1545988.0010

 Reported:
 27-Jun-2019
 Method:
 TM14

 Type:
 Concentrate

 Test:
 Potency

#### CANNABINOID PROFILE



CBDa 0.00%

delta 9 THC 0.00%

THCa 0.00%

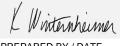
Total THC = THC + (THCa \*(0.877)) and Total CBD = CBD + (CBDa \*(0.877))

Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.03	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	0.00	0.0
Cannabidiolic acid (CBDA)	0.09	0.00	0.0
Cannabidiol (CBD)	0.05	2.49	24.9
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	0.00	0.0
Cannabinolic Acid (CBNA)	0.04	0.00	0.0
Cannabinol (CBN)	0.02	0.00	0.0
Cannabigerolic acid (CBGA)	0.03	0.00	0.0
Cannabigerol (CBG)	0.01	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.02	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.01	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.08	0.00	0.0
Cannabidivarin (CBDV)	0.04	0.00	0.0
Cannabichromenic Acid (CBCA)	0.02	0.00	0.0
Cannabichromene (CBC)	0.03	0.00	0.0
Total Cannabinoids		2.49	24.90
Total Potential THC**		0.00	0.00
Total Potential CBD**		2.49	24.90

NOTES:

N/A

#### FINAL APPROVAL



Karen Winternheimer 27-Jun-2019 2:09 PM

A7 371

Greg Zimpfer 27-Jun-2019 2:21 PM

PREPARED BY / DATE

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





Certificate #4329.02

<sup>% = % (</sup>w/w) = Percent (Weight of Analyte / Weight of Product)

 $<sup>^{\</sup>star}$  Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

<sup>\*\*</sup> Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.



#### CERTIFICATE OF ANALYSIS

prepared for: MYADERM 88 IVERNESS CIRCLE EAST BLDG A SUITE 101 ENGLEWOOD, CO 80112

**CBD Cream Advanced Therapy** 

Batch ID:	1071	Test ID:	5319791.009
Reported:	27-Jun-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	

<sup>\*</sup> CFU/g = Colony Forming Unit per Gram

Examples: 10^2 = 100 CFU

10<sup>3</sup> = 1,000 CFU 10<sup>4</sup> = 10,000 CFU 10<sup>5</sup> = 100,000 CFU

NOTES:

Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected Coliforms: None Detected

#### **FINAL APPROVAL**

Samuetto N. Hyra

Samantha Hoyle 27-Jun-2019 2:28 PM

Dumba

David Green 27-Jun-2019 2:33 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.

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

### **CBD** Powder

Sample ID: 1905NAS0524.1473 Strain: CBD Powder Matrix: Concentrates & Extracts Type: Cannabinoid Isolate Sample Size: ; Batch: Produced: Collected: Received: 05/13/2019 Completed: 05/15/2019 Batch#: 50024 Client
Myaderm
Lic. #
88 Inverness Cir E, A101
Englewood, CA 80112

Pass



ND

99.650%

Total THC

Total CBD

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
THCa	0.010	0.020	ND	ND	
Δ9-ΤΗС	0.010	0.030	ND	ND	
Δ8-ΤΗС	0.010	0.040	ND	ND	
THCV	0.010	0.020	ND	ND	
CBDa	0.010	0.020	ND	ND	
CBD	0.010	0.030	99.650	996.50	
CBDVa	0.010	0.030	ND	ND	
CBDV	0.010	0.010	ND	ND	
CBN	0.010	0.010	ND	ND	
CBGa	0.010	0.030	ND	ND	
CBG	0.010	0.030	ND	ND	
CBC	0.010	0.020	ND	ND	
Total			99.650	996.50	

Date Tested: 05/14/2019

Total THC = THCa \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDa \* 0.877 + CBD; LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Sample Prep Method: SP-200. Analysis Method: AM-300. Instrument: HPLC-DAD-SP-200.

### **Summary**

99.650%  Total Cannabinoids  05/14/2019	Not Tested  NT  Terpenes	Pass Pesticides 05/14/2019	Pass Residual Solvents 05/15/2019	Pass Microbials 05/14/2019	
Not Tested  NT  Moisture	Not Tested  NT  Water Activity	Pass Heavy Metals	Pass Foreign Matter	Pass Mycotoxins	







# **CBD Powder**

Sample ID: 1905NAS0524.1473 Strain: CBD Powder Matrix: Concentrates & Extracts Type: Cannabinoid Isolate Sample Size: ; Batch:

Produced: Collected: Received: 05/13/2019 Completed: 05/15/2019

Batch#: 50024

Client Myaderm Lic.#

88 Inverness Cir E, A101 Englewood, CA 80112

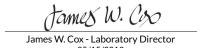
**Pesticides Pass** 

Analyte	LOD	LOQ	Limit	Mass	Status	Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	μg/g			µg/g	µg/g	µg/g	μg/g	
Abamectin	0.01	0.03	0.1	ND	Pass	Hexythiazox	0.003	0.01	0.1	ND	Pass
Acephate	0.005	0.017	0.1	ND	Pass	lmazalil	0.003	0.01	0.003	ND	Pass
Acequinocyl	0.008	0.025	0.1	ND	Pass	Imidacloprid	0.003	0.01	5	ND	Pass
Acetamiprid	0.003	0.01	0.1	ND	Pass	Kresoxim Methyl	0.003	0.01	0.1	ND	Pass
Aldicarb	0.003	0.01	0.003	ND	Pass	Malathion	0.003	0.01	0.5	ND	Pass
Azoxystrobin	0.003	0.01	0.1	ND	Pass	Metalaxyl	0.003	0.01	2	ND	Pass
Bifenazate	0.003	0.01	0.1	ND	Pass	Methiocarb	0.003	0.01	0.003	ND	Pass
Bifenthrin	0.003	0.01	3	ND	Pass	Methomyl	0.003	0.01	1	ND	Pass
Boscalid	0.003	0.01	0.1	ND	Pass	Methyl Parathion	0.013	0.039	0.013	ND	Pass
Captan	0.11	0.333	0.7	ND	Pass	Mevinphos	0.008	0.025	0.008	ND	Pass
Carbaryl	0.003	0.01	0.5	ND	Pass	Myclobutanil	0.003	0.01	0.1	ND	Pass
Carbofuran	0.003	0.01	0.003	ND	Pass	Naled	0.003	0.01	0.1	ND	Pass
Chlorantraniliprole	0.003	0.01	10	ND	Pass	Oxamyl	0.003	0.01	0.5	ND	Pass
Chlordane	0.011	0.033	0.011	ND	Pass	Paclobutrazol	0.003	0.01	0.003	ND	Pass
Chlorfenapyr	0.16	0.5	0.16	ND	Pass	Pentachloronitrobenzene	0.003	0.01	0.1	ND	Pass
Chlormequat	0.003	0.01	0.1	ND	Pass	Permethrin	0.005	0.016	0.5	ND	Pass
Chlorpyrifos	0.003	0.01	0.003	ND	Pass	Phosmet	0.003	0.01	0.1	ND	Pass
Clofentezine	0.003	0.01	0.1	ND	Pass	Piperonyl Butoxide	0.006	0.018	3	ND	Pass
Coumaphos	0.003	0.01	0.003	ND	Pass	Prallethrin	0.003	0.01	0.1	ND	Pass
Cyfluthrin	0.2	0.6	2	ND	Pass	Propiconazole	0.006	0.019	0.1	ND	Pass
Cypermethrin	0.05	0.15	1	ND	Pass	Propoxur	0.003	0.01	0.003	ND	Pass
Daminozide	0.003	0.011	0.003	ND	Pass	Pyrethrin 1	0.014	0.042		ND	Tested
Diazinon	0.003	0.01	0.1	ND	Pass	Pyrethrin 2	0.06	0.18		ND	Tested
Dichlorvos	0.003	0.01	0.003	ND	Pass	Pyrethrins	0.06	0.18	0.5	ND	Pass
Dimethoate	0.003	0.01	0.003	ND	Pass	Pyridaben	0.003	0.01	0.1	ND	Pass
Dimethomorph	0.003	0.01	2	ND	Pass	Spinetoram	0.003	0.01	0.1	ND	Pass
Ethoprophos	0.003	0.01	0.003	ND	Pass	Spinosad	0.003	0.01	0.1	ND	Pass
Etofenprox	0.003	0.01	0.003	ND	Pass	Spiromesifen	0.005	0.015	0.1	ND	Pass
Etoxazole	0.006	0.018	0.1	ND	Pass	Spirotetramat	0.003	0.01	0.1	ND	Pass
Fenhexamid	0.003	0.01	0.1	ND	Pass	Spiroxamine	0.003	0.01	0.003	ND	Pass
Fenoxycarb	0.003	0.01	0.003	ND	Pass	Tebuconazole	0.003	0.011	0.1	ND	Pass
Fenpyroximate	0.003	0.01	0.1	ND	Pass	Thiacloprid	0.003	0.01	0.003	ND	Pass
Fipronil	0.003	0.01	0.003	ND	Pass	Thiamethoxam	0.003	0.01	5	ND	Pass
Flonicamid	0.003	0.01	0.1	ND	Pass	Trifloxystrobin	0.003	0.01	0.1	ND	Pass
Fludioxonil	0.004	0.012	0.1	ND	Pass						

Date Tested: 05/14/2019

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Sample Prep Method: SP-206. Analysis Method: AM-306. Instrument: LC-MS/MS-SP-206.







Use

# **CBD** Powder

Sample ID: 1905NAS0524.1473 Strain: CBD Powder Matrix: Concentrates & Extracts Type: Cannabinoid Isolate Sample Size: ; Batch: Produced: Collected: Received: 05/13/2019 Completed: 05/15/2019

Batch#: 50024

Client Myaderm Lic.#

88 Inverness Cir E, A101 Englewood, CA 80112

Residual Solvents					Pass
Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	μg/g	
1,2-Dichloro-Ethane	0.32	0.96	1	ND	Pass
Acetone	4.8	14.4	5000	ND	Pass
Acetonitrile	0.38	1.16	410	ND	Pass
Benzene	0.32	0.96	1	ND	Pass
Butane	19.2	57.6	5000	ND	Pass
Chloroform	0.2	0.6	1	ND	Pass
Ethanol	6.4	19.2	5000	ND	Pass
Ethyl-Acetate	2.25	6.8	5000	ND	Pass
Ethyl-Ether	3.2	9.6	5000	ND	Pass
Ethylene Oxide	0.33	1	1	ND	Pass
Heptane	3.2	9.6	5000	ND	Pass
Isopropanol	3.2	9.6	5000	ND	Pass
Methanol	6.4	19.2	3000	ND	Pass
Methylene-Chloride	0.33	1	1	ND	Pass
n-Hexane	0.16	0.48	290	ND	Pass
Pentane	4.8	14.4	5000	2232.31	Pass
Propane	1	3.2	5000	ND	Pass
Toluene	0.96	2.88	890	ND	Pass
Trichloroethene	0.16	0.48	1	ND	Pass
Xylenes	0.96	2.88	2170	ND	Pass

Date Tested: 05/15/2019

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Sample Prep Method: SP-206. Analysis Method: AM-307. Instrument: GC-MS- SP-207.







# **CBD Powder**

Sample ID: 1905NAS0524.1473 Strain: CBD Powder Matrix: Concentrates & Extracts Type: Cannabinoid Isolate Sample Size: ; Batch:

Produced: Collected: Received: 05/13/2019 Completed: 05/15/2019

Batch#: 50024

Client Myaderm Lic.#

88 Inverness Cir E, A101 Englewood, CA 80112

Microbials		Pass
Analyte	Result	Status
Aspergillus flavus	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga toxin-producing E. Coli	Not Detected in 1g	Pass
Salmonella	Not Detected in 1g	Pass

Date Tested: 05/14/2019

Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Sample Prep Method: SP-203. Analysis Method: SP-303. Instrument: PCR-SP-203.

**Pass** Mycotoxins

Analyte	LOD	LOQ	Limit	Units	Status
	µg/kg	μg/kg	μg/kg	μg/kg	
B1	1	1		ND	Tested
B2	1	1		ND	Tested
G1	1	1		ND	Tested
G2	1	1		ND	Tested
Total Aflatoxins	1	1	20	ND	Pass
Ochratoxin A	1	1	20	ND	Pass

Date Tested: 05/14/2019

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Instrument: LC-MS/MS-SP-205.

**Heavy Metals Pass** 

Analyte	LOD	LOQ	Limit	Units	Status
	μg/g	μg/g	μg/g	μg/g	
Arsenic	0.002	0.006	0.2	<loq< th=""><th>Pass</th></loq<>	Pass
Cadmium	0.001	0.004	0.2	<loq< th=""><th>Pass</th></loq<>	Pass
Lead	0.008	0.025	0.5	0.034	Pass
Mercury	0.001	0.004	0.1	<loq< th=""><th>Pass</th></loq<>	Pass

Date Tested: 05/15/2019

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Instrument: ICP-MS-SP-202.



James W. Cox - Laboratory Director

