



## Certificate of Analysis

ICAL ID: 20220923-028 Sample: CA220923-011-049 cbdMD-CSG-30-3000-FS Strain: cbdMD-CSG-30-3000-FS Category: Ingestible

Open Book Extracts Lic.# 317 Lucy Garrett Rd Roxboro, NC 27574

Lic.#

Batch#: 22571C3.1 Batch Size Collected: Total Batch Size:

Collected: 10/13/2022; Received: 10/13/2022

Completed: 10/13/2022

Moisture Δ9-ΤΗС **CBD Total Cannabinoids** NT 3,075.37 mg/unit 3,270.70 mg/unit 54.05 mg/unit Water Activity

NT

1.80 mg/serving

102.51 mg/serving

109.02 mg/serving

Summary **SOP** Used **Date Tested** Batch Pass POT-PREP-001 Low 09/24/2022 Cannabinoids Complete Residual Solvents RS-PREP-001 09/23/2022 **Pass** Microbials MICRO-PREP-001 09/26/2022 Pass Mycotoxins PESTMYCO-LC-PREP-001 09/23/2022 Pass HM-PREP-001 Heavy Metals 09/23/2022 Pass PESTMYCO-LC-PREP-001/ Pesticides 09/23/2022 **Pass** PEST-GC-PREP-001





**Total Terpenes** 

NT

Scan to see results

#### **Cannabinoid Profile**

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
THCa	0.1840	0.0462	ND	ND	ND
Δ9-THC	0.1840	0.0512	0.281	2.81	54.05
Δ8-THC	0.1840	0.0253	ND	ND	ND
THCV	0.1840	0.0212	ND	ND	ND
CBDa	0.1840	0.0475	ND	ND	ND
CBD	0.1840	0.0407	15.976	159.76	3075.37

#### 1 Unit = container, 19.25 g. 30 serving(s) per container.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
CBDV	0.1840	0.0211	0.140	1.40	26.95
CBN	0.1840	0.0390	0.087	0.87	16.67
CBGa	0.1983	0.0661	ND	ND	ND
CBG	0.1960	0.0653	0.172	1.72	33.01
CBC	0.2275	0.0758	0.336	3.36	64.65
Total THC			0.28	2.81	54.05
Total CBD			15.98	159.76	3075.37
Total			16.99	169.91	3270.70

Total THC=THCa\* 0.877 + d9-THC; Total CBD = CBDa\* 0.877 + CBD. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids: UHPLC-DAD(POT-INST-005), Moisture: Moisture Analyzer (MOISTURE-001), Water Activity: Water Activity Meter (WA-INST-002), Foreign Material:Microscope(FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

## Terpene Profile

mg/g **Analyte** mg/g

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.

Infinite Chemical Analysis Labs 8312 Miramar Mall San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-000047-LIC

Josh Swider

Lab Director, Managing Partner 10/13/2022

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This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 15730, pursuant to 16 CCR section 15726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Infinite Chemical Analysis, LLC.

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LIC. II

#### **Residual Solvent Analysis**

Category 1	LOQ LOD L	imit :	Status	Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
	μg/g μg/g μg/g	μg/g			μg/g	μg/g	μg/g	μg/g			μg/g	μg/g	μg/g	μg/g	
1,2-Dichloro-Ethane	ND 0.264 0.088	1	Pass	Acetone	ND	51.246	0.716	5000	Pass	n-Hexane	ND	0.281	0.027	290	Pass
Benzene	ND 0.052 0.017	1	Pass	Acetonitrile	ND	0.42	0.14	410	Pass	Isopropanol	ND	2.86	0.614	5000	Pass
Chloroform	ND 0.076 0.025	1	Pass	Butane	ND	4.849	0.748	5000	Pass	Methanol	ND	2.602	0.867	3000	Pass
Ethylene Oxide	ND 0.579 0.179	1	Pass	Ethanol	ND	7.575	2.525	5000	Pass	Pentane	ND	5.075	1.692	5000	Pass
Methylene-Chloride	ND 0.729 0.08	1	Pass	Ethyl-Acetate	ND	2.288	0.175	5000	Pass	Propane	ND	9.709	3.236	5000	Pass
Trichloroethene	ND 0.145 0.028	1	Pass	Ethyl-Ether	ND	2.869	0.389	5000	Pass	Toluene	ND	0.864	0.067	890	Pass
				Heptane	3.6	2.859	0.496	5000	Pass	Xylenes	ND	2.572	0.326	2170	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP RS-INST-003.

#### **Heavy Metal Screening**

		LOQ	LOD	Limit	Status
	μg/g	µg/g	μg/g	μg/g	
Arsenic	ND	0.009	0.003	1.5	Pass
Cadmium	ND	0.002	0.001	0.5	Pass
Lead	0.008	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	3	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP HM-INST-003.

## Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Aspergillus flavus		NR	NT
Aspergillus fumigatus		NR	NT
Aspergillus niger		NR	NT
Aspergillus terreus		NR	NT
STEC		Not Detected	Pass
Salmonella SPP		Not Detected	Pass

ND=Not Detected. Analytical instrumentation used:qPCR; samples analyzed according to SOP MICRO-INST-001.



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10/13/2022

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Status

Tested

Tested

Tested

Tested

**Pass** Pass

Limit

µg/kg



## Certificate of Analysis

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Lic.#

Batch#: 22571C3.1 Batch Size Collected: Total Batch Size:

Collected: 10/13/2022; Received: 10/13/2022

µg/kg

2.6

2.04

2.97

1.89

3.87

Completed: 10/13/2022

#### **Chemical Residue Screening**

Category 1		LOQ	LOD	Status	Mycotoxins		LOQ
	μg/g	µg/g	µg/g			μg/kg	µg/kg
Aldicarb	ND	0.065	0.022	Pass	B1	ND	7.88
Carbofuran	ND	0.030	0.009	Pass	B2	ND	6.18
Chlordane	ND	0.075	0.025	Pass	G1	ND	8.99
Chlorfenapyr	ND	0.075	0.025	Pass	G2	ND	5.72
Chlorpyrifos	ND	0.053	0.018	Pass	Ochratoxin A	ND	11.72
Coumaphos	ND	0.056	0.018	Pass	Total Aflatoxins	ND	
Daminozide	ND	0.079	0.026	Pass			
Dichlorvos	ND	0.067	0.022	Pass			
Dimethoate	ND	0.036	0.012	Pass			
Ethoprophos	ND	0.053	0.017	Pass			
Etofenprox	ND	0.030	0.008	Pass			
Fenoxycarb	ND	0.043	0.014	Pass			
Fipronil	ND	0.045	0.015	Pass			
lmazalil	ND	0.047	0.016	Pass			
Methiocarb	ND	0.047	0.016	Pass			
Mevinphos	ND	0.042	0.014	Pass			
Paclobutrazol	ND	0.040	0.013	Pass			
Parathion Methyl	ND	0.024	0.008	Pass			
Propoxur	ND	0.047	0.016	Pass			
Spiroxamine	ND	0.032	0.011	Pass			
Thiacloprid	ND	0.042	0.014	Pass			

Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
	μg/g	µg/g	µg/g	µg/g			μg/g	µg/g	µg/g	µg/g	
Abamectin	ND	0.030	0.010	0.3	Pass	Kresoxim Methyl	ND	0.038	0.012	1	Pass
Acephate	ND	0.050	0.016	5	Pass	Malathion	ND	0.035	0.012	5	Pass
Acequinocyl	ND	0.059	0.019	4	Pass	Metalaxyl	ND	0.031	0.010	15	Pass
Acetamiprid	ND	0.044	0.015	5	Pass	Methomyl	ND	0.048	0.016	0.1	Pass
Azoxystrobin	ND	0.029	0.010	40	Pass	Myclobutanil	ND	0.055	0.018	9	Pass
Bifenazate	ND	0.035	0.012	5	Pass	Naled	ND	0.051	0.017	0.5	Pass
Bifenthrin	ND	0.040	0.013	0.5	Pass	Oxamyl	ND	0.046	0.015	0.3	Pass
Boscalid	ND	0.060	0.020	10	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.2	Pass
Captan	ND	0.358	0.120	5	Pass	Permethrin	ND	0.030	0.008	20	Pass
Carbaryl	ND	0.049	0.016	0.5	Pass	Phosmet	ND	0.038	0.012	0.2	Pass
Chlorantraniliprole	ND	0.063	0.021	40	Pass	Piperonyl Butoxide	ND	0.030	0.008	8	Pass
Clofentezine	ND	0.039	0.013	0.5	Pass	Prallethrin	ND	0.068	0.023	0.4	Pass
Cyfluthrin	ND	0.056	0.019	1	Pass	Propiconazole	ND	0.059	0.019	20	Pass
Cypermethrin	ND	0.044	0.015	1	Pass	Pyrethrins	ND	0.030	0.004	1	Pass
Diazinon	ND	0.030	0.006	0.2	Pass	Pyridaben	ND	0.035	0.012	3	Pass
Dimethomorph	ND	0.042	0.014	20	Pass	Spinetoram	ND	0.030	0.006	3	Pass
Etoxazole	ND	0.030	0.008	1.5	Pass	Spinosad	ND	0.030	0.004	3	Pass
Fenhexamid	ND	0.039	0.013	10	Pass	Spiromesifen	ND	0.042	0.014	12	Pass
Fenpyroximate	ND	0.030	0.010	2	Pass	Spirotetramat	ND	0.041	0.013	13	Pass
Flonicamid	ND	0.081	0.027	2	Pass	Tebuconazole	ND	0.044	0.014	2	Pass
Fludioxonil	ND	0.046	0.015	30	Pass	Thiamethoxam	ND	0.055	0.018	4.5	Pass
Hexythiazox	ND	0.078	0.026	2	Pass	Trifloxystrobin	ND	0.031	0.010	30	Pass
<u>Imidacloprid</u>	ND	0.071	0.023	3	Pass						

#### Other Analyte(s): Listeria spp: Not Detected

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.



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**Open Book Extracts** 

**Sample #:** 20220923-028 **Batch #:** 22571C3.1 Ordered: 9/23/2022; Sampled: 9/23/2022; Completed: 9/28/2022

Sample Name: cbdMD-CSG-30-3000-FS

# Microbiological Screening

Plate Count/SOP: MB-001

Analyte	Count	Client Limit*	LOQ1	Status <sup>2</sup>
APC	<loq< td=""><td>NR</td><td>10</td><td>NR</td></loq<>	NR	10	NR
Coliforms	NT	NR	10	NR
E. coli	NT	NR	10	NR
Yeast & Mold	<loq< td=""><td>NR</td><td>10</td><td>NR</td></loq<>	NR	10	NR
Enterobacteriaceae	NT	NR	10	NR

Count, Client Limit, and LOQ all reported in CFU/g.

NR = Not reported NT = No test completed TNTC = Too numerous to count

## **pH Test**

Acidic/Alkaline SOP: PH-001 PH: NT

<sup>\*</sup>Client limit is self-selected and will be replaced by official CA state limits when they become available.

<sup>&</sup>lt;sup>1</sup>LOQ = Limit of quantification

<sup>&</sup>lt;sup>2</sup>Status of Pass/Fail based on client limit selected.



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#### **Lab Director**

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