



## Certificate of Analysis

ICAL ID: 20221108-019 Sample: CA221108-008-022 cbdMD-TIN-CM-3000-FS Strain: cbdMD-TIN-CM-3000-FS Category: Ingestible

**CBDMD** Lic.# 10130 Perimeter Pkwy Charlotte, NC 28216

Lic.#

Batch#: 23121T3.1 Batch Size Collected: Total Batch Size:

Collected: 11/14/2022; Received: 11/14/2022

Completed: 11/14/2022

Moisture Δ9-ΤΗС **CBD Total Cannabinoids** NT 3,415.53 mg/unit 3,645.48 mg/unit 82.63 mg/unit Water Activity

**Total Terpenes** NT

NT

Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-004 High	10/28/2022	Complete
Residual Solvents	RS-PREP-001	11/08/2022	Pass
Microbials	MICRO-PREP-001	11/10/2022	Pass
Mycotoxins	PESTMYCO-LC-PREP-001	11/08/2022	Pass
Heavy Metals	HM-PREP-001	11/09/2022	Pass
Pesticides	PESTMYCO-LC-PREP-001/	11/08/2022	Pass
	PEST-GC-PREP-001		





Scan to see results

1 Unit = 30 mL bottle, 28.5 g, 1 mL = 0.95 g.

#### **Cannabinoid Profile**

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/mL	mg/unit
THCa	0.1841	0.0614	ND	ND	ND	ND
Δ9-THC	0.0794	0.0265	0.290	2.90	2.75	82.63
Δ8-THC	0.0824	0.0275	ND	ND	ND	ND
THCV	0.0714	0.0238	ND	ND	ND	ND
CBDa	0.0880	0.0293	ND	ND	ND	ND
CBD	0.0755	0.0252	11.984	119.84	113.85	3415.53

				,	g	6.
Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/mL	mg/unit
CBDV	0.0741	0.0247	0.094	0.94	0.89	26.73
CBN	0.1112	0.0371	0.023	0.23	0.22	6.56
CBGa	0.2669	0.0890	ND	ND	ND	ND
CBG	0.0915	0.0305	0.083	0.83	0.78	23.51
CBC	0.2221	0.0740	0.318	3.18	3.02	90.53
Total THC			0.29	2.90	2.75	82.63
Total CBD			11.98	119.84	113.85	3415.53
Total			12.79	127.91	121.52	3645.48

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 11/14/2022

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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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## Certificate of Analysis

ICAL ID: 20221108-019 Sample: CA221108-008-022 cbdMD-TIN-CM-3000-FS Strain: cbdMD-TIN-CM-3000-FS Category: Ingestible CBDMD Lic. # 10130 Perimeter Pkwy Charlotte, NC 28216

Lic.#

Batch#: 23121T3.1 Batch Size Collected: Total Batch Size:

Collected: 11/14/2022; Received: 11/14/2022 Completed: 11/14/2022

#### **Residual Solvent Analysis**

Category 1		LOQ	LOD	Limit	Status
	μg/g	µg/g	μg/g	μg/g	
1,2-Dichloro-Ethane	ND	0.31	0.1032	1	Pass
Benzene	ND	0.088	0.023	1	Pass
Chloroform	ND	0.174	0.058	1	Pass
Ethylene Oxide	ND	0.757	0.252	1	Pass
Methylene-Chloride	ND	0.729	0.148	1	Pass
Trichloroethene	ND	0.19	0.063	1	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	
Acetone	ND	51.246	2.572 5000	Pass	n-Hexane	ND	0.931	0.31	290	Pass
Acetonitrile	ND	0.798	0.266 410	Pass	Isopropanol	ND	5.037	1.679	5000	Pass
Butane	ND	4.849	1.114 5000	Pass	Methanol	ND	4.665	1.555	3000	Pass
Ethanol	852.4	40.542	13.513 5000	Pass	Pentane	ND	17.255	5.752	5000	Pass
Ethyl-Acetate	ND	2.288	0.436 5000	Pass	Propane	ND	26.11	8.703	5000	Pass
Ethyl-Ether	ND	2.869	0.593 5000	Pass	Toluene	ND	0.864	0.136	890	Pass
Heptane	ND	6.548	2.183 5000	Pass	Xylenes	ND	0.857	0.241	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	ND	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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Status

Tested

Tested

Tested

Tested

**Pass** 

**Pass** 

Limit

µg/kg

20



## Certificate of Analysis

ICAL ID: 20221108-019 Sample: CA221108-008-022 cbdMD-TIN-CM-3000-FS Strain: cbdMD-TIN-CM-3000-FS Category: Ingestible CBDMD Lic. # 10130 Perimeter Pkwy Charlotte, NC 28216

Lic.#

Batch#: 23121T3.1 Batch Size Collected: Total Batch Size:

Collected: 11/14/2022; Received: 11/14/2022 Completed: 11/14/2022

> μg/kg 6.2

> > 5.38

16.41

µg/kg

NĎ

ND

ND

ND

ND

ND

μg/kg 2.05

1.63

1.77

1.02

5.42

#### **Chemical Residue Screening**

Category 1		LOQ	LOD	Status	Mycotoxins
_	μg/g	µg/g	μg/g	<u>.</u>	
Aldicarb	ND	0.030	0.009	Pass	B1
Carbofuran	ND	0.030	0.002	Pass	B2
Chlordane	ND	0.075	0.025	Pass	G1
Chlorfenapyr	ND	0.075	0.025	Pass	G2
Chlorpyrifos	ND	0.030	0.008	Pass	Ochratoxin A
Coumaphos	ND	0.030	0.005	Pass	<b>Total Aflatoxins</b>
Daminozide	ND	0.033	0.011	Pass	
Dichlorvos	ND	0.030	0.007	Pass	
Dimethoate	ND	0.030	0.007	Pass	
Ethoprophos	ND	0.030	0.004	Pass	
Etofenprox	ND	0.030	0.006	Pass	
Fenoxycarb	ND	0.030	0.006	Pass	
Fipronil	ND	0.030	0.008	Pass	
Imazalil	ND	0.030	0.009	Pass	
Methiocarb	ND	0.030	0.005	Pass	
Mevinphos	ND	0.032	0.011	Pass	
Paclobutrazol	ND	0.030	0.006	Pass	
Parathion Methyl	ND	0.024	0.008	Pass	
Propoxur	ND	0.030	0.005	Pass	
Spiroxamine	ND	0.030	0.003	Pass	
				_	

Parathion Methyl Propoxur Spiroxamine	ND ND ND	0.0	30 0 30 0	.008 .005 .003	Pass Pass Pass						
<u>Thiacloprid</u>	ND	0.0	30 0	.002	Pass						
Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
Abamectin	μg/g ND	μg/g 0.039	μg/g 0.013	μg/g 0.3	Pass	Kresoxim Methyl	μg/g ND	µg/g 0.030	μg/g 0.007	µg/g 1	Pass
Acephate	ND	0.063	0.013	5	Pass	Malathion	ND	0.030	0.007	5	Pass
Acequinocyl	ND	0.035	0.011	4	Pass	Metalaxyl	ND	0.030	0.003	15	Pass
Acetamiprid	ND	0.030	0.006	5	Pass	Methomyl	ND	0.030	0.006	0.1	Pass
Azoxystrobin	ND	0.030	0.003	40	Pass	Myclobutanil	ND	0.030	0.007	9	Pass
Bifenazate	ND	0.030	0.005	5	Pass	Naled	ND	0.030	0.005	0.5	Pass
Bifenthrin	ND	0.030	0.006	0.5	Pass	Oxamyl	ND	0.030	0.009	0.3	Pass
Boscalid	ND	0.030	0.007	10	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.2	Pass
Captan	ND	0.358	0.120	5	Pass	Permethrin	ND	0.030	0.002	20	Pass
Carbaryl	ND	0.030	0.004	0.5	Pass	Phosmet	ND	0.030	0.005	0.2	Pass
Chlorantraniliprole	ND	0.030	0.006	40	Pass	Piperonyl Butoxide	ND	0.030	0.006	8	Pass
Clofentezine	ND	0.030	0.005	0.5	Pass	Prallethrin	ND	0.055	0.018	0.4	Pass
Cyfluthrin	ND	0.056	0.019	1	Pass	Propiconazole	ND	0.037	0.012	20	Pass
Cypermethrin	ND	0.044	0.015	1	Pass	Pyrethrins	ND	0.030	0.002	1	Pass
Diazinon	ND	0.030	0.009	0.2	Pass	Pyridaben	ND	0.030	0.005	3	Pass
Dimethomorph	ND	0.030	0.009	20	Pass	Spinetoram	ND	0.030	0.003	3	Pass
Etoxazole	ND	0.030	0.003	1.5	Pass	Spinosad	ND	0.030	0.003	3	Pass
Fenhexamid	ND	0.030	0.008	10	Pass	Spiromesifen	ND	0.030	0.005	12	Pass

#### Other Analyte(s):

Fenpyroximate

Flonicamid

Fludioxonil

Hexythiazox

Imidacloprid

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Pass

Pass

**Pass** 

Pass

Pass

2

2

30

Spirotetramat

Tebuconazole

Thiamethoxam

Trifloxystrobin



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ND

ND

ND

ND

ND

0.030

0.046

0.048

0.031

0.030

0.005

0.015

0.016

0.009

Josh W Swider

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0.006

0.009

0.006

0.00

13

2

4.5

Pass

Pass

**Pass** 

**Pass** 

ND

ND

ND

ND

0.030

0.030



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# Infinite Chemical Analysis Labs



## **Certificate of Analysis**



Sample Name	cbdMD-TIN-CM-3000-FS	ICAL ID	20221108-019
Batch	23121T3.1	Registering Laboratory	San Diego
Client	cbdMD	Contact	Customer Service Team
Address		Address	8312 Miramar Mall San Diego, CA 92121
Telephone		Telephone	(858) 623-2740
Email		Email	questions@infinitecal.com
Sampler		COA Issue Date	November 26, 2022

This report supersedes any previous revision with this reference. This document must not be reproduced, except in full. If samples were provided by the customer, results apply only to the samples 'as received' and responsibility for representative sampling rests with the customer. Water results are reported on an 'as is' basis. Infinite Chemical Analysis Labs, LLC makes no claims pertaining to the efficacy, safety, or other risks associated with any detected or non-detected levels of any compounds reported herein.

#### **Definitions**

| <: Less Than | >: Greater Than | RP: Result Pending | MPN: Most Probable Number | CFU: Colony Forming Units | - - -: Not Requested | NA: Not Applicable | ND: Not Detected | MDL: Method Detection Limit | LCMRL:Lowest Concentration Minimum Reporting Level | NT: Not Tested | ~: Estimated | TBA: To Be Advised | TNTC: Too numerous to count |

#### **Microbial Plate Panel**

Analyte	CFU/g	MDL	Client Limit <sup>1</sup>	Status <sup>2</sup>
Aerobic (APC)	<mdl< td=""><td>10</td><td></td><td></td></mdl<>	10		
Coliforms	<mdl< td=""><td>10</td><td></td><td></td></mdl<>	10		
E. coli	<mdl< td=""><td>10</td><td></td><td></td></mdl<>	10		
Yeast & Mold	<mdl< td=""><td>10</td><td></td><td></td></mdl<>	10		
Enterobacteriaceae	NT	10		
Salmonella spp.	NT	10		
Listeria spp.	NT	10		

#### **Analysis Location**

All analyses were completed by Infinite Chemical Analysis – San Diego.

#### **Analysis Comments**

Method ID: MICRO-PLATE-001

<sup>1</sup>Client limit is self-selected and will be replaced by official CA state limits when they become available.

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

Josh M Surder Josh Swider

Josh Swider Lab Director, CEO November 26, 2022