

## Certificate of Analysis

ICAL ID: 20221117-007 Sample: CA221117-007-019 cbdMD-TIN-NF-1500-FS Strain: cbdMD-TIN-NF-1500-FS Category: Ingestible CBDMD Lic. # 10130 Perimeter Pkwy Charlotte, NC 28216

Lic. #

#### **QA SAMPLE - INFORMATIONAL ONLY**

1 of 3

Batch#: 23131T1.1 Batch Size Collected: Total Batch Size: Collected: 11/23/2022; Received: 11/23/2022 Completed: 11/23/2022

Mois N Water A N	<b>T</b> Activity	д9-тнс <b>73.14 mg/unit</b>	свD <b>1,663.54 mg/unit</b>	Total Cannabinoids <b>1,898.21 mg/unit</b>	Total Terpenes <b>NT</b>
<b>Summary</b> Batch	SOP Used	Date Tested	Pass		
Cannabinoids	POT-PREP-004	High 11/07/2022	Complete		

Batch			Pass
Cannabinoids	POT-PREP-004 High	11/07/2022	Complete
<b>Residual Solvents</b>	RS-PREP-001	11/17/2022	Pass
Microbials	MICRO-PREP-001	11/22/2022	Pass
Mycotoxins	PESTMYCO-LC-PREP-001	11/17/2022	Pass
Heavy Metals	HM-PREP-001	11/18/2022	Pass
Pesticides	PESTMYCO-LC-PREP-001/	11/17/2022	Pass
	PEST-GC-PREP-001		





1 Unit = 30mL bottl. 28.5 g. 1 mL = 0.95 g.

### **Cannabinoid Profile**

		••									,	- 8	
Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/mL	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/mL	mg/unit
THCa	0.1841	0.0614	ND	ND	ND	ND	CBDV	0.0741	0.0247	0.075	0.75	0.71	21.26
∆9-THC	0.0794	0.0265	0.257	2.57	2.44	73.14	CBN	0.1112	0.0371	0.051	0.51	0.49	14.62
∆8-THC	0.0824	0.0275	ND	ND	ND	ND	CBGa	0.2669	0.0890	ND	ND	ND	ND
THCV	0.0714	0.0238	ND	ND	ND	ND	CBG	0.0915	0.0305	0.172	1.72	1.63	48.93
CBDa	0.0880	0.0293	ND	ND	ND	ND	CBC	0.2221	0.0740	0.269	2.69	2.56	76.72
CBD	0.0755	0.0252	5.837	58.37	55.45	1663.54	Total THC			0.26	2.57	2.44	73.14
							Total CBD			5.84	58.37	55.45	1663.54
							Total			6.66	66.60	63.27	1898.21

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 Profil	е							
Analyte	LOQ (mg/g)	LOD (mg/g) %	mg/g	Analyte	LOQ (mg/g)	LOD (mg/g)	%	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# C8-0000047-LIC

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Josh Swider Lab Director, Managing Partner 11/23/2022

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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**Residual Solvent Analysis** 

Category 1		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
1,2-Dichloro-Ethane	µg/g ND	µg/g 0.31	µg/g 0.1032	µg/g 1	Pass	Acetone	µg/g ND	µg/g 51,246	μg/g 2 572	µg/g 5000	Pass	n-Hexane	µg/g ND	µg/g 0.931	μg/g 0.31	µg/g 290	Pass
Benzene	ND (	0.088	0.023	1	Pass	Acetonitrile	ND	0.798	0.266	410	Pass	Isopropanol	112.0	5.037	1.679	5000	Pass
Chloroform	ND (		01000	1	Pass	Butane	ND	4.849	and a star and a	5000	Pass	Methanol	ND	4.665	1.555	3000	Pass
Ethylene Oxide	ND (		0.252	1	Pass	Ethanol	ND		13.513		Pass	Pentane	ND	17.200	5.752	0000	Pass
Methylene-Chloride	ND (	).729	0.148	1	Pass	Ethyl-Acetate	ND	2.288	0.436		Pass	Propane	ND	26.11		5000	Pass
Trichloroethene	ND	0.19	0.063	1	Pass	Ethyl-Ether	ND	2.869	0.593	5000	Pass	Toluene	ND	0.864	0.136	890	Pass
						Heptane	14.4	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	<loq< th=""><th>0.004</th><th>0.001</th><th>0.5</th><th>Pass</th></loq<>	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.

Infinite Chemical Analysis Labs

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#### **Chemical Residue Screening**

Category 1		LOQ	LOD	Status
	µg/g	µg/g	µg/g	
Aldicarb	ND	0.030	0.009	Pass
Carbofuran	ND	0.030	0.002	Pass
Chlordane	ND	0.075	0.025	Pass
Chlorfenapyr	ND	0.075	0.025	Pass
Chlorpyrifos	ND	0.030	0.008	Pass
Coumaphos	ND	0.030	0.005	Pass
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
Thiacloprid	ND	0.030	0.002	Pass

S	Mycotoxins		LOQ	LOD	Limit	Status
		µg/kg	µg/kg	µg/kg	µg/kg	
S	B1	ND	6.2	2.05		Tested
S	B2	ND	5	1.63		Tested
s	G1	ND	5.38	1.77		Tested
s	G2	ND	5	1.02		Tested
s	Ochratoxin A	ND	16.41	5.42	20	Pass
S	Total Aflatoxins	ND			20	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	0.039	0.013	0.3	Pass	Kresoxim Methyl	ND	0.030	0.007	1	Pass
Acephate	ND	0.063	0.021	5	Pass	Malathion	ND	0.030	0.005	5	Pass
Acequinocyl	ND	0.035	0.011	4	Pass	Metalaxyl	<loq< th=""><th>0.030</th><th>0.003</th><th>15</th><th>Pass</th></loq<>	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
Fenpyroximate	ND	0.030	0.005	2	Pass	Spirotetramat	ND	0.030	0.006	13	Pass
Flonicamid	ND	0.046	0.015	2	Pass	Tebuconazole	ND	0.030	0.009	2	Pass
Fludioxonil	ND	0.048	0.016	30	Pass	Thiamethoxam	ND	0.030	0.006	4.5	Pass
Hexythiazox	ND	0.031	0.010	2	Pass	Trifloxystrobin	ND	0.030	0.002	30	Pass
Imidacloprid	ND	0.030	0.009	3	Pass						

#### Other Analyte(s):

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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# **Infinite Chemical Analysis Labs**



## **Certificate of Analysis**

	Sample Name	cbdMD-TIN-NF-1500-FS	ICAL ID	20221117-007	
	Batch	23131T1.1	Registering Laboratory	San Diego	
_	Client	CBDMD	Contact	Customer Service Team	
cbdMD	Address		Address	8312 Miramar Mall San Diego, CA 92121	
CBD 01L 1500 MG	Telephone		Telephone	(858) 623-2740	
the second s	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	NT	10		
E. coli	NT	10		
Yeast & Mold	<mdl< td=""><td>10</td><td></td><td></td></mdl<>	10		
Enterobacteriaceae	NT	10		
Salmonella spp.	NT	10		
Listeria spp.	<mdl< td=""><td>10</td><td></td><td></td></mdl<>	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 Swider losh Swider

Lab Director, CEO November 26, 2022