

Pesticides

Certificate of Analysis

ICAL ID: 20230503-019 Sample: CA230503-019-029 cbdMD - TIN-NF-7500 - ITM000820 Strain: cbdMD - TIN-NF-7500 - ITM000820 Category: Ingestible Type: Tincture

PESTMYCO-LC-PREP-001/

PEST-GC-PREP-001

05/04/2023

Pass

CBDMD Lic. # 10130 Perimeter Pkwy Charlotte, NC 28216

Lic. #

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

Batch#: 31111T7.1 Batch Size Collected: Total Batch Size: Collected: 05/03/2023; Received: 05/09/2023 Completed: 05/09/2023

Mois	ture	∆9-THC	CBD	Total Cannabinoids	Total Terpenes	
NT Water Activity NT		ND	7,664.21 mg/unit	7,805.69 mg/unit	0.533 mg/g	
Summary	SOP Used	Date Tested				
Batch Cannabinoids Ferpenes Residual Solvents Microbials Mycotoxins Heavy Metals	POT-PREP-004 High TERP-PREP-001 RS-PREP-001 MICRO-PREP-001 PESTMYCO-LC-PREP-001 HM-PREP-001	04/24/2023 05/04/2023 05/03/2023 05/05/2023 05/05/2023 05/04/2023	Pass Complete Pass Pass Pass Pass Pass	there i		

Scan to see results

Cannabinoid Profile

1 Unit = bottle, 27.58 g. 1 mL = 0.96 g.

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	CBGa	0.2669	0.0890	ND	ND	ND	ND
∆9-THC	0.0794	0.0265	ND	ND	ND	ND	CBG	0.0915	0.0305	0.264	2.64	2.53	72.81
∆8-THC	0.0824	0.0275	ND	ND	ND	ND	CBN	0.1112	0.0371	0.147	1.47	1.41	40.54
THCV	0.0714	0.0238	ND	ND	ND	ND	Total THC			ND	ND	ND	ND
CBDa	0.0880	0.0293	ND	ND	ND	ND	Total CBD			27.79	277.89	266.77	7664.21
CBD	0.0755	0.0252	27.789	277.89	266.77	7664.21	Total			28.30	283.02	271.70	7805.69
CBDV	0.0741	0.0247	0.102	1.02	0.98	28.13							
CBC	0.2221	0.0740	ND	ND	ND	ND							

Total THC=THCa * 0.877 + d9-THC + d8-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

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
δ-Limonene	0.449	0.150	0.0533	0.533	Citronellol	0.598	0.120	ND	ND
α-Bisabolol	0.193	0.064	ND	ND	δ-3-Carene	0.306	0.024	ND	ND
α-Cedrene	0.151	0.032	ND	ND	Eucalyptol	0.244	0.081	ND	ND
α-Humulene	0.151	0.026	ND	ND	Fenchol	0.152	0.024	ND	ND
α-Pinene	0.151	0.022	ND	ND	Fenchone	0.151	0.025	ND	ND
α-Terpinene	0.163	0.054	ND	ND	y-Terpinene	0.152	0.033	ND	ND
α-Terpineol	0.154	0.033	ND	ND	Geraniol	0.609	0.114	ND	ND
β-Caryophyllene	0.608	0.179	ND	ND	Geranyl Acetate	0.151	0.030	ND	ND
β-Eudesmol	0.227	0.076	ND	ND	Isoborneol	0.151	0.033	ND	ND
β-Myrcene	0.153	0.015	ND	ND	Linalool	0.154	0.036	ND	ND
β-Pinene	0.306	0.027	ND	ND	Menthol	0.215	0.072	ND	ND
Borneol	0.154	0.024	ND	ND	(-)-Guaiol	0.154	0.029	ND	ND
Camphene	0.151	0.017	ND	ND	Pulegone	0.169	0.056	ND	ND
Camphor	0.306	0.055	ND	ND	p-Cymene	0.175	0.058	ND	ND
Caryophyllene Oxide	0.602	0.113	ND	ND	Terpinolene	0.154	0.013	ND	ND
Cedrol	0.207	0.069	ND	ND	trans-Nerolidol	0.222	0.074	ND	ND
cis-Nerolidol	0.251	0.084	ND	ND	<u> </u>			0.0533	0.533

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 05/09/2023

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.



Certificate of Analysis

ICAL ID: 20230503-019 Sample: CA230503-019-029 cbdMD - TIN-NF-7500 - ITM000820 Strain: cbdMD - TIN-NF-7500 - ITM000820 Category: Ingestible Type: Tincture CBDMD Lic. # 10130 Perimeter Pkwy Charlotte, NC 28216

Lic. #

2 of 3

Batch#: 31111T7.1 Batch Size Collected: Total Batch Size: Collected: 05/03/2023; Received: 05/09/2023 Completed: 05/09/2023

Residual Solvent Analysis

Category 1		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD Li	mit Statu	JS	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 μ 2.572 50	g/g)00 Pa :	ss	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 4	10 Pa	SS	Isopropanol	485.2	5.037	1.679	5000	Pass
Chloroform	ND (0.174	0.058	1	Pass	Butane	ND	4.849	1.114 50	00 Pa	SS	Methanol	ND	4.665	1.555	3000	Pass
Ethylene Oxide	ND (0.757	0.252	1	Pass	Ethanol	ND	40.542	13.513 50	00 Pa	SS	Pentane	ND	17.255	5.752	5000	Pass
Methylene-Chloride	ND (0.729	0.148	1	Pass	Ethyl-Acetate	ND	2.288	0.436 50	00 Pa	SS	Propane	ND	26.11	8.703	5000	Pass
Trichloroethene	ND	0.19	0.063	1	Pass	Ethyl-Ether	ND	2.869	0.593 50	00 Pa	SS	Toluene	ND	0.864	0.136	890	Pass
						Heptane	<loq< th=""><th>6.548</th><th>2.183 50</th><th>00 Pa</th><th>SS</th><th>Xylenes</th><th>ND</th><th>0.857</th><th>0.241</th><th>2170</th><th>Pass</th></loq<>	6.548	2.183 50	00 Pa	SS	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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Josh Swider Lab Director, Managing Partner 05/09/2023

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Certificate of Analysis

ICAL ID: 20230503-019 Sample: CA230503-019-029 cbdMD - TIN-NF-7500 - ITM000820 Strain: cbdMD - TIN-NF-7500 - ITM000820 Category: Ingestible Type: Tincture

CBDMD Lic.# 10130 Perimeter Pkwy Charlotte, NC 28216

Lic.#

QA SAMPLE - INFORMATIONAL ONLY

3 of 3 Batch#: 31111T7.1 Batch Size Collected: Total Batch Size: Collected: 05/03/2023; Received: 05/09/2023 Completed: 05/09/2023

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

Mycotoxins		LOQ	LOD	Limit	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
B1	ND	6.2	2.05		Tested
B2	ND	5	1.63		Tested
G1	ND	5.38	1.77		Tested
G2	ND	5	1.02		Tested
Ochratoxin A	ND	16.41	5.42	20	Pass
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	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
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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Josh Swider 05/09/2023

Lab Director, Managing Partner

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Infinite Chemical Analysis Labs



Certificate of Analysis

	Sample Name	cbdMD - TIN-NF-7500 - ITM000820	ICAL ID	20230503-019	
	Batch	3111177.1	Registering Laboratory	San Diego	
	Client	cbdMD	Contact	Customer Service Team	
2	Address		Address	8312 Miramar Mall San Diego, CA 92121	
ICIMD D'OIL	Telephone		Telephone	(858) 623-2740	
201	Email		Email	questions@infinitecal.com	
	Sampler		COA Issue Date	May 09, 2023	

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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 ¹	Status ²						
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

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

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

Josh M Swider

Josh Swider Lab Director, CEO May 09, 2023