

# Certificate of Analysis

ICAL ID: 20220406-020 Sample: CA220406-007-023 CBD Oil Full Spectrum 12,000mg Citrus/cinnamon/Natural 60ml Strain: CBD Oil Full Spectrum 12,000mg Citrus/cinnamon/Natural 60ml Category: Ingestible Neurogan, Inc. Lic. # 8821 Production Avenue San Diego, CA 92121

Lic. #

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

1 of 3 Batch#: DK20-3564/DK20-3554/DK20-3664 Batch Size Collected: Total Batch Size: Collected: 04/11/2022; Received: 04/11/2022 Completed: 04/11/2022

Moisture		Δ9-THC	CBD	Total Cannabinoids	Total Terpenes
NT Water Activity NT	13	6.42 mg/unit	12,345.40 mg/unit 12	2,683.84 mg/unit	NT
Summer of	CODULAR	Dete Tested			

Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-004 High	04/07/2022	Complete
<b>Residual Solvents</b>	RS-PREP-001	04/07/2022	Pass
Microbials	MICRO-PREP-001	04/08/2022	Pass
Mycotoxins	PESTMYCO-LC-PREP-001	04/07/2022	Pass
Heavy Metals	HM-PREP-001	04/07/2022	Pass
Foreign Matter	FM-PREP-001	04/06/2022	Pass
Pesticides	PESTMYCO-LC-PREP-001/	04/07/2022	Pass
	PEST-GC-PREP-001		





1 Unit = bottle, 57.61 g, 1 mL = 0.96 g.

**Cannabinoid Profile** 

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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	0.175	1.75	1.68	100.64
∆9-THC	0.0794	0.0265	0.237	2.37	2.27	136.42	CBN	0.1112	0.0371	ND	ND	ND	ND
∆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	0.138	1.38	1.33	79.73
CBDa	0.0880	0.0293	ND	ND	ND	ND	CBC	0.2221	0.0740	0.038	0.38	0.36	21.64
CBD	0.0755	0.0252	21.429	214.29	205.72	12345.40	Total THC			0.24	2.37	2.27	136.42
							Total CBD			21.43	214.29	205.72	12345.40
							Total			22.02	220.17	211.36	12683.84

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 04/11/2022

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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2 of 3 Batch#: DK20-3564/DK20-3554/DK20-3664 Batch Size Collected: Total Batch Size: Collected: 04/11/2022; Received: 04/11/2022 Completed: 04/11/2022

## **Residual Solvent Analysis**

Category 1		LOQ	LODL	imit .	Status	Category 2	LO	Q	LOD Limit S	Status	Category 2	LOQ	LOD Limit	Status
1,2-Dichloro-Ethane	µg/g ND	μg/g 0.31	µg/g 0.103	µg/g 1	Pass	Acetone	μg/g μg ND 51.24		µg/g µg/g 2.572 5000	Pass	n-Hexane	μg/g μg/g ND 0.9313 (	μg/g μg/g 0.3104 290	Pass
Benzene	ND	0.088	0.029	1	Pass	Acetonitrile	ND 0.79	8	0.266 410	Pass	Isopropanol	66.3 5.0373	1.6791 5000	Pass
Chloroform	ND	0.174	0.058	1	Pass	Butane	ND 4.84	19	1.114 5000	Pass	Methanol	ND 4.6648	1.5549 3000	Pass
Ethylene Oxide	ND	0.757	0.252	1	Pass	Ethanol	ND 40.54	12 1	3.514 5000	Pass	Pentane	ND 17.255	5.752 5000	Pass
Methylene-Chloride	ND (	).7288 (	0.1475	1	Pass	Ethyl-Acetate	ND 2.28	38	0.436 5000	Pass	Propane	ND 26.109	8.703 5000	Pass
Trichloroethene	ND	0.19	0.063	1	Pass	Ethyl-Ether	ND 2.86	59 (	0.593 5000	Pass	Toluene	ND 0.864	0.135 890	Pass
						Heptane	<b>41.2</b> 6.54	18	2.183 5000	Pass	Xylenes	ND 2.572	0.558 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.



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Josh Swider Lab Director, Managing Partner 04/11/2022

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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

Mycotoxins		LOQ	LOD	Limit	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
5 B1	ND	6.2	2.05		Tested
5 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
5 <u>Total Aflatoxins</u>	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):

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