



### Certificate of Analysis

ICAL ID: 20220406-025 Sample: CA220406-007-028 CBD Oil Broad Spectrum 12,000mg Citrus 60ml Strain: CBD Oil Broad Spectrum 12,000mg Citrus Category: Ingestible

Neurogan, Inc. Lic.# 8821 Production Avenue San Diego, CA 92121

**CBD** 

Total Batch Size:

**Total Cannabinoids** 

Batch#: DK20-2044 Batch Size Collected: Collected: 04/11/2022; Received: 04/11/2022 Completed: 04/11/2022

Moisture NT Water Activity 0.268 aw

Δ9-ΤΗС ND

12,385.16 mg/unit 13,318.18 mg/unit

**Total Terpenes** NT

Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-004 High	04/07/2022	Complete
Water Activity	WA-PREP-001	04/07/2022	Pass - 0.268 aw
Residual Solvents	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		





Scan to see results

### **Cannabinoid Profile**

1 Unit = bottle, 57.83 g. 1 mL = 0.97 g.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/mL	mg/unit
THCa	0.1841	0.0614	ND	ND	ND	ND
Δ9-ΤΗС	0.0794	0.0265	ND	ND	ND	ND
Δ8-ΤΗС	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	21.416	214.16	207.74	12385.16

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/mL	mg/unit
CBDV	0.0741	0.0247	0.228	2.28	2.21	131.68
CBN	0.1112	0.0371	0.491	4.91	4.76	284.00
CBGa	0.2669	0.0890	ND	ND	ND	ND
CBG	0.0915	0.0305	0.129	1.29	1.25	74.66
CBC	0.2221	0.0740	0.765	7.65	7.43	442.68
Total THC			ND	ND	ND	ND
Total CBD			21.42	214.16	207.74	12385.16
<u>Total</u>			23.03	230.30	223.39	13318.18

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-..... הובר במוכני הובר של מהובר במוכני הובר במוכני הו

# 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 04/11/2022

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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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Neurogan, Inc. 8821 Production Avenue San Diego, CA 92121

Lic.#

Batch#: DK20-2044 Batch Size Collected: Total Batch Size: Collected: 04/11/2022; Received: 04/11/2022 Completed: 04/11/2022

# **Residual Solvent Analysis**

Category 1		LOQ	LOI	) Limit	Status	Category 2		LOQ LOD Limit	Status	Category 2		LOQ	LOD Limit	Status
1,2-Dichloro-Ethane	μg/g ND	μg/g 0.264		g µg/g 8 1		Acetone	μg/g <loq< th=""><th>μg/g μg/g μg/g 51.246 0.716 5000</th><th></th><th>n-Hexane</th><th>μg/g ND</th><th>μg/g 0.281 0</th><th>µg/g µg/g .027 290</th><th></th></loq<>	μg/g μg/g μg/g 51.246 0.716 5000		n-Hexane	μg/g ND	μg/g 0.281 0	µg/g µg/g .027 290	
Benzene	ND	0.052	0.01	7 1	Pass	Acetonitrile	NĎ	0.42 0.14 410	Pass	Isopropanol	66.6	2.86 0	.614 5000	Pass
Chloroform	ND	0.076	0.02	5 1	Pass	Butane	ND	4.849 0.748 5000	Pass	Methanol	ND	2.602 0	.867 3000	Pass
Ethylene Oxide	ND	0.579	0.17	9 1	Pass	Ethanol	ND	7.575 2.525 5000	Pass	Pentane	ND	5.075 1	.692 5000	Pass
Methylene-Chloride	ND	0.729	0.0	8 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	8 1	Pass	Ethyl-Ether	ND	2.869 0.389 5000	Pass	Toluene	ND	0.864 0	.067 890	Pass
						Heptane	ND	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

### **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



Thiacloprid

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Lic #

Batch#: DK20-2044 Batch Size Collected: Total Batch Size: Collected: 04/11/2022; Received: 04/11/2022 Completed: 04/11/2022

µg/kg

2.6

2.04

2.97

1.89

3.87

µg/kg

NĎ

ND

ND

ND

ND

ND

μg/kg 7.88

6.18

8.99

5.72

11.72

#### **Chemical Residue Screening**

Category 1		LOQ	LOD	Status	Mycotoxins
	μg/g	μg/g	μg/g		
Aldicarb	ND	0.065	0.022	Pass	B1
Carbofuran	ND	0.030	0.009	Pass	B2
Chlordane	ND	0.075	0.025	Pass	G1
Chlorfenapyr	ND	0.075	0.025	Pass	G2
Chlorpyrifos	ND	0.053	0.018	Pass	Ochratoxin A
Coumaphos	ND	0.056	0.018	Pass	<b>Total Aflatoxins</b>
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	
Imazalil	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	

0.042

0.014

ND

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						

**Pass** 

#### Other Analyte(s):

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