

Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

Batch#: DK20-9464/DK20-4004

ICAL ID: 20220406-004 Sample: CA220406-002-004 CBD Balm Full Spectrum 2,000mg/1oz 4,000mg/2oz Strain: CBD Balm Full Spectrum 2,000mg/1oz 4,000mg/2oz Category: Topical

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

Lic.#

Batch Size Collected: Total Batch Size: Collected: 04/11/2022; Received: 04/11/2022 Completed: 04/11/2022

Moisture NT

65.71 mg/unit

CBD Total Cannabinoids 2,043.76 mg/unit 2,249.33 mg/unit **Total Terpenes**

Water Activity NT

65.71 mg/serving

Δ9-ΤΗС

2043.76 mg/serving

2249.33 mg/serving

NT

Summary **SOP** Used **Date Tested** Batch Pass POT-PREP-005 04/07/2022 Cannabinoids Complete Residual Solvents RS-PREP-001 04/06/2022 **Pass** Microbials MICRO-PREP-001 04/08/2022 Pass PESTMYCO-LC-PREP-001 Mycotoxins 04/07/2022 Pass HM-PREP-001 04/07/2022 Heavy Metals Pass FM-PREP-001 Foreign Matter 04/06/2022 **Pass** Pesticides PESTMYCO-LC-PREP-001/ 04/07/2022 Complete PEST-GC-PREP-001





Scan to see results

Cannabinoid Profile

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
THCa	0.0481	0.0160	ND	ND	ND
Δ9-THC	0.0414	0.0122	0.224	2.24	65.71
Δ8-THC	0.0414	0.0066	ND	ND	ND
THCV	0.0414	0.0053	ND	ND	ND
CBDa	0.0532	0.0177	0.292	2.92	85.41
CBD	0.0414	0.0055	6.975	69.75	2043.76
-					

1 Unit = conta	ainer, 29.3 g. 🗆	1 serving	g(s) per	container.
LOO (mg/g)	LOD (mg/g)	%	mg/g	mg/unit

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
CBDV	0.0414	0.0062	0.066	0.66	19.31
CBN	0.0414	0.0089	0.024	0.24	6.97
CBGa	0.0414	0.0100	ND	ND	ND
CBG	0.0414	0.0056	0.083	0.83	24.41
CBC	0.0425	0.0142	0.049	0.49	14.27
Total THC			0.22	2.24	65.71
Total CBD			7.23	72.31	2118.66
Total			7.68	76.77	2249.33

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 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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San Diego, CA 92121

Batch Size Collected: Total Batch Size: Collected: 04/11/2022; Received: 04/11/2022 Completed: 04/11/2022

Residual Solvent Analysis

Category: Topical

Category 1	LO	Q L	.OD Lir	nit S	Status	Category 2		LOQ	LOD Limit	Status	Category 2		LOQ	LOD Limit	Status
1,2-Dichloro-Ethane	µg/g µg ND 0.299		ıg/g μι 998	g/g 1	Pass	Acetone	μg/g ND 5:	μg/g 1.246 3	μg/g μg/g 3.1441 5000		n-Hexane	μg/g ND	μg/g 0.7288	μg/g μg/g 0.1785 290	
Benzene	ND 0.099	9 0.03	333	1	Pass	Acetonitrile	ND 1.	.7231 ().5744 410	Pass	Isopropanol	ND	0.3353	0.11185000	Pass
Chloroform	ND 0.154	3 0.05	514	1	Pass	Butane	ND 8.	3604 2	2.7868 5000	Pass	Methanol	ND	7.7392	2.57973000	Pass
Ethylene Oxide	ND 0.97	1 0.32	237	1	Pass	Ethanol	ND 5.	.8136 1	L.9379 5000	Pass	Pentane	ND	5.2119	1.73735000	Pass
Methylene-Chloride	ND 2.601	5 0.86	672	1	Pass	Ethyl-Acetate	ND 2.	.2878	0.329 5000	Pass	Propane	ND3	1.95241	0.65085000	Pass
Trichloroethene	ND 0.199	6 0.06	665	1	Pass	Ethyl-Ether	ND 2.	.8693 (0.9011 5000	Pass	Toluene	ND	0.8637	0.0685 890	Pass
						Heptane	ND 2.	.8588 ().7475 5000	Pass	Xylenes	ND	2.5719	0.44412170	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	<loq< td=""><td>0.004</td><td>0.001</td><td>0.5</td><td>Pass</td></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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Propoxur

Spiroxamine

Thiacloprid

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0.030

0.030

0.030

ND

ND

ND

0.007

0.004

0.003

Lic.#

Neurogan, Inc.

8821 Production Avenue

San Diego, CA 92121

Chemical Residue Screening

	O								
Category 1	LOQ	LOD	Status	Mycotoxins		LOQ	LOD	Limit	Status
μg,	'g μg/g	μg/g			μg/kg	µg/kg	μg/kg	µg/kg	
Aldicarb N		0.010	Tested	B1	ND	5.88	1.94		Tested
Carbofuran N	D 0.030	0.004	Tested	B2	ND	8.04	2.65		Tested
Chlordane N	D 0.075	0.025	Tested	G1	ND	11.85	3.91		Tested
Chlorfenapyr N	D 0.075	0.025	Tested	G2	ND	5	1.54		Tested
Chlorpyrifos N	D 0.033	0.011	Tested	Ochratoxin A	ND	14.49	4.78	20	Pass
Coumaphos <lo< th=""><th>O.030</th><th>0.007</th><th>Tested</th><th>Total Aflatoxins</th><th>ND</th><th></th><th></th><th>20</th><th>Pass</th></lo<>	O.030	0.007	Tested	Total Aflatoxins	ND			20	Pass
Daminozide N	O.058	0.019	Tested						
Dichlorvos N	D 0.051	0.017	Tested						
Dimethoate N	D 0.030	0.009	Tested						
Ethoprophos N	D 0.030	0.006	Tested						
Etofenprox N	D 0.030	0.006	Tested						
Fenoxycarb N	D 0.034	0.011	Tested						
Fipronil N	D 0.030	0.006	Tested						
lmazalil N	D 0.030	0.009	Tested						
Methiocarb N	D 0.030	0.010	Tested						
Mevinphos N	D 0.040	0.013	Tested						
Paclobutrazol N	D 0.034	0.011	Tested						
Parathion Methyl N	D 0.024	0.008	Tested						

Tested

Tested

Tested

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	0.044	0.014		Tested	Kresoxim Methyl	ND	0.030	0.010		Tested
Acephate	ND	0.030	0.006		Tested	Malathion	ND	0.030	0.007		Tested
Acequinocyl	ND	0.085	0.028		Tested	Metalaxyl	ND	0.030	0.005		Tested
Acetamiprid	ND	0.030	0.007		Tested	Methomyl	ND	0.032	0.010		Tested
Azoxystrobin	ND	0.030	0.004		Tested	Myclobutanil	ND	0.030	0.010		Tested
Bifenazate	ND	0.030	0.008		Tested	Naled	ND	0.035	0.012		Tested
Bifenthrin	ND	0.049	0.016		Tested	Oxamyl	ND	0.031	0.010		Tested
Boscalid	ND	0.032	0.011		Tested	Pentachloronitrobenzene	ND	0.054	0.018		Tested
Captan	ND	0.358	0.120		Tested	Permethrin	ND	0.030	0.004		Tested
Carbaryl	ND	0.030	0.006		Tested	Phosmet	ND	0.030	0.008		Tested
Chlorantraniliprole	ND	0.030	0.007		Tested	Piperonyl Butoxide	ND	0.030	0.009		Tested
Clofentezine	ND	0.030	0.006		Tested	Prallethrin	ND	0.062	0.020		Tested
Cyfluthrin	ND	0.056	0.019		Tested	Propiconazole	ND	0.064	0.021		Tested
Cypermethrin	ND	0.044	0.015		Tested	Pyrethrins	ND	0.030	0.004		Tested
Diazinon	ND	0.082	0.027		Tested	Pyridaben	ND	0.030	0.008		Tested
Dimethomorph	ND	0.031	0.010		Tested	Spinetoram	ND	0.030	0.003		Tested
Etoxazole	ND	0.030	0.005		Tested	Spinosad	ND	0.030	0.003		Tested
Fenhexamid	ND	0.044	0.015		Tested	Spiromesifen	ND	0.031	0.010		Tested
Fenpyroximate	ND	0.030	0.010		Tested	Spirotetramat	ND	0.030	0.010		Tested
Flonicamid	ND	0.055	0.018		Tested	Tebuconazole	ND	0.065	0.021		Tested
Fludioxonil	ND	0.058	0.019		Tested	Thiamethoxam	ND	0.030	0.009		Tested
Hexythiazox	ND	0.066	0.022		Tested	Trifloxystrobin	ND	0.030	0.004		Tested
<u>Imidacloprid</u>	ND	0.070	0.023		Tested			•			

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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Additional Package Sizes

Cannabinoids Unit 1	Δ9-ΤΗС	CBD	Total Cannabinoids	
unit = 29.30 g container	65.71 mg/unit	2,043.76 mg/unit	2,249.33 mg/unit	Pass
1 serving(s) per container	65.71 mg/serving	2,043.76 mg/serving	2,249.33 mg/serving	
Cannabinoids Unit 2	Δ9-ΤΗС	CBD	Total Cannabinoids	
unit = 57.83 g container	129.68 mg/unit	4,033.81 mg/unit	4,439.55 mg/unit	Pass
1 serving(s) per container	129.68 mg/serving	4,033.81 mg/serving	4,439.55 mg/serving	

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