



# Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20230418-038  
Sample: CA230418-021-052  
CBD Full Spectrum Oil 1000mg Citrus  
Strain: CBD Full Spectrum Oil 1000mg Citrus  
Category: Ingestible  
Type: Tincture

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

Batch#: DK21-7214  
Batch Size Collected:  
Total Batch Size:  
Collected: 05/01/2023; Received: 05/01/2023  
Completed: 05/01/2023

Moisture NT	Δ9-THC 23.47 mg/unit	CBD 1,151.63 mg/unit	Total Cannabinoids 1,236.09 mg/unit	Total Terpenes NT
Water Activity NT				

Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-004	04/19/2023	Complete
Residual Solvents	RS-PREP-001	04/18/2023	Pass
Microbials	MICRO-PREP-001	04/20/2023	Pass
Mycotoxins	PESTMICO-LC-PREP-001	04/20/2023	Pass
Heavy Metals	HM-PREP-001	04/19/2023	Pass
Foreign Matter	FM-PREP-001	04/18/2023	Pass
Pesticides	PESTMICO-LC-PREP-001 / PEST-GC-PREP-001	04/19/2023	Complete



Scan to see results

## Cannabinoid Profile

1 Unit = bottle, 30.1 g. 1 mL = 0.95 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	0.0368	0.0123	ND	ND	ND	ND	CBGa	0.0534	0.0178	ND	ND	ND	ND
Δ9-THC	0.0368	0.0053	0.078	0.78	0.74	23.47	CBG	0.0368	0.0061	0.022	0.22	0.21	6.74
Δ8-THC	0.0368	0.0055	ND	ND	ND	ND	CBN	0.0368	0.0074	0.030	0.30	0.29	9.03
THCV	0.0368	0.0048	ND	ND	ND	ND	<b>Total THC</b>			<b>0.08</b>	<b>0.78</b>	<b>0.74</b>	<b>23.47</b>
CBDa	0.0368	0.0059	ND	ND	ND	ND	<b>Total CBD</b>			<b>3.83</b>	<b>38.26</b>	<b>36.35</b>	<b>1151.63</b>
CBD	0.0368	0.0050	3.826	38.26	36.35	1151.63	<b>Total</b>			<b>4.11</b>	<b>41.07</b>	<b>39.01</b>	<b>1236.09</b>
CBDV	0.0368	0.0049	0.025	0.25	0.23	7.40							
CBC	0.0444	0.0148	0.126	1.26	1.19	37.81							

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
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NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.



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*Josh M Swider*

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Lab Director, Managing Partner  
05/01/2023

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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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## Residual Solvent Analysis

Category 1	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		
1,2-Dichloro-Ethane	ND	0.31	0.1032	1	Pass	Acetone	ND	51.246	2.572	5000	Pass
Benzene	ND	0.088	0.023	1	Pass	Acetonitrile	ND	0.798	0.266	410	Pass
Chloroform	ND	0.174	0.058	1	Pass	Butane	ND	4.849	1.114	5000	Pass
Ethylene Oxide	ND	0.757	0.252	1	Pass	Ethanol	ND	40.542	13.513	5000	Pass
Methylene-Chloride	ND	0.729	0.148	1	Pass	Ethyl-Acetate	ND	2.288	0.436	5000	Pass
Trichloroethene	ND	0.19	0.063	1	Pass	Ethyl-Ether	ND	2.869	0.593	5000	Pass
						Heptane	ND	6.548	2.183	5000	Pass
						n-Hexane	ND	0.931	0.31	290	Pass
						Isopropanol	ND	5.037	1.679	5000	Pass
						Methanol	ND	4.665	1.555	3000	Pass
						Pentane	ND	17.255	5.752	5000	Pass
						Propane	ND	26.11	8.703	5000	Pass
						Toluene	ND	0.864	0.136	890	Pass
						Xylenes	ND	0.857	0.241	2170	Pass

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## 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

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## 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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Lab Director, Managing Partner  
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## Chemical Residue Screening

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	ND	0.030	0.009	Tested	B1	ND	6.2	2.05	Tested	
Carbofuran	ND	0.030	0.002	Tested	B2	ND	5	1.63	Tested	
Chlordane	ND	0.075	0.025	Tested	G1	ND	5.38	1.77	Tested	
Chlorfenapyr	ND	0.075	0.025	Tested	G2	ND	5	1.02	Tested	
Chlorpyrifos	ND	0.030	0.008	Tested	Ochratoxin A	ND	16.41	5.42	20	Pass
Coumaphos	ND	0.030	0.005	Tested	Total Aflatoxins	ND			20	Pass
Daminozide	ND	0.033	0.011	Tested						
Dichlorvos	ND	0.030	0.007	Tested						
Dimethoate	ND	0.030	0.007	Tested						
Ethoprophos	<LOQ	0.030	0.004	Tested						
Etofenprox	ND	0.030	0.006	Tested						
Fenoxycarb	ND	0.030	0.006	Tested						
Fipronil	ND	0.030	0.008	Tested						
Imazalil	ND	0.030	0.009	Tested						
Methiocarb	ND	0.030	0.005	Tested						
Mevinphos	ND	0.032	0.011	Tested						
Paclobutrazol	ND	0.030	0.006	Tested						
Parathion Methyl	ND	0.024	0.008	Tested						
Propoxur	ND	0.030	0.005	Tested						
Spiroxamine	ND	0.030	0.003	Tested						
Thiacloprid	ND	0.030	0.002	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	0.039	0.013	Tested	Kresoxim Methyl	ND	0.030	0.007	Tested	
Acephate	ND	0.063	0.021	Tested	Malathion	ND	0.030	0.005	Tested	
Acequinocyl	ND	0.035	0.011	Tested	Metalaxyl	ND	0.030	0.003	Tested	
Acetamiprid	ND	0.030	0.006	Tested	Methomyl	ND	0.030	0.006	Tested	
Azoxystrobin	ND	0.030	0.003	Tested	Myclobutanil	ND	0.030	0.007	Tested	
Bifenazate	ND	0.030	0.005	Tested	Naled	ND	0.030	0.005	Tested	
Bifenthrin	ND	0.030	0.006	Tested	Oxamyl	ND	0.030	0.009	Tested	
Boscalid	ND	0.030	0.007	Tested	Pentachloronitrobenzene	ND	0.054	0.018	Tested	
Captan	ND	0.358	0.120	Tested	Permethrin	ND	0.030	0.002	Tested	
Carbaryl	ND	0.030	0.004	Tested	Phosmet	ND	0.030	0.005	Tested	
Chlorantraniliprole	ND	0.030	0.006	Tested	Piperonyl Butoxide	ND	0.030	0.006	Tested	
Clofentezine	ND	0.030	0.005	Tested	Prallethrin	ND	0.055	0.018	Tested	
Cyfluthrin	ND	0.056	0.019	Tested	Propiconazole	ND	0.037	0.012	Tested	
Cypermethrin	ND	0.044	0.015	Tested	Pyrethrins	ND	0.030	0.002	Tested	
Diazinon	ND	0.030	0.009	Tested	Pyridaben	ND	0.030	0.005	Tested	
Dimethomorph	ND	0.030	0.009	Tested	Spinetoram	ND	0.030	0.003	Tested	
Etoxazole	ND	0.030	0.003	Tested	Spinosad	ND	0.030	0.003	Tested	
Fenhexamid	ND	0.030	0.008	Tested	Spiromesifen	ND	0.030	0.005	Tested	
Fenpyroximate	ND	0.030	0.005	Tested	Spirotetramat	ND	0.030	0.006	Tested	
Flonicamid	ND	0.046	0.015	Tested	Tebuconazole	ND	0.030	0.009	Tested	
Fludioxonil	ND	0.048	0.016	Tested	Thiamethoxam	ND	0.030	0.006	Tested	
Hexythiazox	ND	0.031	0.010	Tested	Trifloxystrobin	ND	0.030	0.002	Tested	
Imidacloprid	ND	0.030	0.009	Tested						

### Other Analyte(s):

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