



Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20240328-022
Sample: CA240328-006-021
CBD Broad Spectrum Oil, 2000mg total
Strain: CBD Broad Spectrum Oil, 2000mg total
Category: Ingestible
Type: Tincture

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

Batch#: DK23-2064-2074-2084
Batch Size Collected:
Total Batch Size:
Collected: 04/04/2024; Received: 04/04/2024
Completed: 04/04/2024

Moisture NT Water Activity NT	Δ9-THC ND	CBD 2,138.65 mg/unit	Total Cannabinoids 2,281.01 mg/unit	Total Terpenes NT
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Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-004 High	03/29/2024	Complete
Residual Solvents	RS-PREP-001	04/02/2024	Pass
Microbials	MICRO-PREP-001	04/03/2024	Pass
Mycotoxins	PESTMICO-LC-PREP-001	04/02/2024	Pass
Heavy Metals	HM-PREP-001	04/02/2024	Pass
Foreign Matter	FM-PREP-001	03/28/2024	Pass
Pesticides	PESTMICO-LC-PREP-001 / PEST-GC-PREP-001	04/03/2024	Pass



Scan to see results

Cannabinoid Profile

1 Unit = bottle, 28.43 g. 1 mL = 0.94 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
Δ9-THC	0.0794	0.0265	ND	ND	ND	ND	CBG	0.0915	0.0305	0.027	0.27	0.25	7.65
Δ8-THC	0.0824	0.0275	ND	ND	ND	ND	CBN	0.1112	0.0371	0.158	1.58	1.49	44.95
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			7.52	75.23	70.71	2138.65
CBD	0.0755	0.0252	7.523	75.23	70.71	2138.65	Total			8.02	80.23	75.42	2281.01
CBDV	0.0741	0.0247	0.068	0.68	0.64	19.30							
CBC	0.2221	0.0740	0.248	2.48	2.33	70.46							

Total THC=THCa * 0.877 + Δ9-THC + Δ8-THC + Δ8-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

Josh Swider
Lab Director, Managing Partner
04/04/2024

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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	<LOQ	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	<LOQ	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	1.5	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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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	
	µg/g	µg/g	µg/g	µg/g	
Abamectin	ND	0.039	0.013	0.3	Pass
Acephate	ND	0.063	0.021	5	Pass
Acequinocyl	ND	0.035	0.011	4	Pass
Acetamiprid	ND	0.030	0.006	5	Pass
Azoxystrobin	ND	0.030	0.003	40	Pass
Bifenazate	ND	0.030	0.005	5	Pass
Bifenthrin	ND	0.030	0.006	0.5	Pass
Boscalid	ND	0.030	0.007	10	Pass
Captan	ND	0.358	0.120	5	Pass
Carbaryl	ND	0.030	0.004	0.5	Pass
Chlorantraniliprole	ND	0.030	0.006	40	Pass
Clofentezine	ND	0.030	0.005	0.5	Pass
Cyfluthrin	ND	0.056	0.019	1	Pass
Cypermethrin	ND	0.044	0.015	1	Pass
Diazinon	ND	0.030	0.009	0.2	Pass
Dimethomorph	ND	0.030	0.009	20	Pass
Etoxazole	ND	0.030	0.003	1.5	Pass
Fenhexamid	ND	0.030	0.008	10	Pass
Fenpyroximate	ND	0.030	0.005	2	Pass
Flonicamid	ND	0.046	0.015	2	Pass
Fludioxonil	ND	0.048	0.016	30	Pass
Hexythiazox	ND	0.031	0.010	2	Pass
Imidacloprid	ND	0.030	0.009	3	Pass

Category 2	LOQ	LOD	Limit	Status	
	µg/g	µg/g	µg/g	µg/g	
Kresoxim Methyl	ND	0.030	0.007	1	Pass
Malathion	ND	0.030	0.005	5	Pass
Metalaxyl	ND	0.030	0.003	15	Pass
Methomyl	ND	0.030	0.006	0.1	Pass
Myclobutanil	ND	0.030	0.007	9	Pass
Naled	ND	0.030	0.005	0.5	Pass
Oxamyl	ND	0.030	0.009	0.3	Pass
Pentachloronitrobenzene	ND	0.054	0.018	0.2	Pass
Permethrin	ND	0.030	0.002	20	Pass
Phosmet	ND	0.030	0.005	0.2	Pass
Piperonyl Butoxide	ND	0.030	0.006	8	Pass
Prallethrin	ND	0.055	0.018	0.4	Pass
Propiconazole	ND	0.037	0.012	20	Pass
Pyrethrins	ND	0.030	0.002	1	Pass
Pyridaben	ND	0.030	0.005	3	Pass
Spinetoram	ND	0.030	0.003	3	Pass
Spinosad	ND	0.030	0.003	3	Pass
Spiromesifen	ND	0.030	0.005	12	Pass
Spirotetramat	ND	0.030	0.006	13	Pass
Tebuconazole	ND	0.030	0.009	2	Pass
Thiamethoxam	ND	0.030	0.006	4.5	Pass
Trifloxystrobin	ND	0.030	0.002	30	Pass

Other Analyte(s):

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