



Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20230830-005
Sample: CA230830-004-006
Full Spectrum, RSO Capsules 200mg each, 30ct.
Strain: Full Spectrum, RSO Capsules 200mg each, 30ct.
Category: Ingestible
Type: Capsule

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

Batch#: DK21-RSC1
Batch Size Collected:
Total Batch Size:
Collected: 04/30/2024; Received: 04/30/2024
Completed: 04/30/2024

Moisture NT Water Activity NT	Δ9-THC 0.30 mg/unit	CBD 90.71 mg/unit	Total Cannabinoids 219.46 mg/unit	Total Terpenes 13.457 mg/g
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Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-004 High	08/30/2023	Complete
Terpenes	TERP-PREP-001	08/31/2023	Complete
Residual Solvents	RS-PREP-001	03/18/2024	Pass
Microbials	MICRO-PREP-001	03/18/2024	Pass
Mycotoxins	PESTMICO-LC-PREP-001	03/15/2024	Pass
Heavy Metals	HM-PREP-001	03/15/2024	Pass
Foreign Matter	FM-PREP-001	03/15/2024	Pass
Pesticides	PESTMICO-LC-PREP-001 / PEST-GC-PREP-001	03/15/2024	Pass



Scan to see results

Cannabinoid Profile

1 Unit = capsule, 0.83 g.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
THCa	0.1841	0.0614	0.057	0.57	0.47	CBGa	0.2669	0.0890	4.810	48.10	39.92
Δ9-THC	0.0794	0.0265	0.036	0.36	0.30	CBG	0.0915	0.0305	3.299	32.99	27.38
Δ8-THC	0.0824	0.0275	ND	ND	ND	CBN	0.1112	0.0371	2.750	27.50	22.83
THCV	0.0714	0.0238	ND	ND	ND	Total THC			0.09	0.86	0.71
CBDa	0.0880	0.0293	5.815	58.15	48.27	Total CBD			16.03	160.29	133.04
CBD	0.0755	0.0252	10.929	109.29	90.71	Total			26.44	264.41	219.46
CBDV	0.0741	0.0247	0.059	0.59	0.49						
CBC	0.2221	0.0740	ND	ND	ND						

Total THC=THCa * 0.877 + d9-THC + d8-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
β-Caryophyllene	0.608	0.197	0.6097	6.097	cis-Nerolidol	0.281	0.094	ND	ND
Linalool	0.154	0.029	0.3233	3.233	Citronellol	0.598	0.138	ND	ND
α-Humulene	0.151	0.010	0.2588	2.588	δ-3-Carene	0.306	0.014	ND	ND
Terpinolene	0.154	0.021	0.0964	0.964	δ-Limonene	0.306	0.096	ND	ND
β-Myrcene	0.153	0.016	0.0575	0.575	Eucalyptol	0.215	0.072	ND	ND
α-Bisabolol	0.201	0.067	ND	ND	Fenchol	0.152	0.011	ND	ND
α-Cedrene	0.151	0.041	ND	ND	Fenchone	0.151	0.007	ND	ND
α-Pinene	0.151	0.026	ND	ND	γ-Terpinene	0.152	0.029	ND	ND
α-Terpinene	0.151	0.040	ND	ND	Geraniol	0.609	0.108	ND	ND
α-Terpineol	0.154	0.016	ND	ND	Geranyl Acetate	0.151	0.032	ND	ND
β-Eudesmol	0.154	0.050	ND	ND	Isoborneol	0.151	0.020	ND	ND
β-Pinene	0.306	0.024	ND	ND	Menthol	0.151	0.033	ND	ND
Borneol	0.154	0.023	ND	ND	(-)-Guaiaol	0.253	0.084	ND	ND
Camphene	0.151	0.020	ND	ND	Pulegone	0.165	0.055	ND	ND
Camphor	0.306	0.062	ND	ND	p-Cymene	0.155	0.038	ND	ND
Caryophyllene Oxide	0.602	0.064	ND	ND	trans-Nerolidol	0.170	0.057	ND	ND
Cedrol	0.151	0.039	ND	ND	Total			1.3457	13.457

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.



Infinite Chemical Analysis Labs
8312 Miramar Mall
San Diego, CA
(858) 623-2740
www.infiniteCAL.com
Lic# C8-0000047-LIC

Josh M Swider

Josh Swider
Lab Director, Managing Partner
04/30/2024

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coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



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	Category 2	LOQ	LOD	Limit	Status			
	µg/g	µg/g	µg/g	µg/g		µg/g	µg/g	µg/g	µg/g		µg/g	µg/g	µg/g	µg/g			
1,2-Dichloro-Ethane	ND	0.264	0.088	1	Pass	Acetone	ND	51.246	0.716	5000	Pass	n-Hexane	ND	0.281	0.027	290	Pass
Benzene	ND	0.052	0.017	1	Pass	Acetonitrile	ND	0.42	0.14	410	Pass	Isopropanol	ND	2.86	0.614	5000	Pass
Chloroform	ND	0.076	0.025	1	Pass	Butane	ND	4.849	0.748	5000	Pass	Methanol	ND	2.602	0.867	3000	Pass
Ethylene Oxide	ND	0.579	0.179	1	Pass	Ethanol	ND	7.575	2.525	5000	Pass	Pentane	ND	5.075	1.692	5000	Pass
Methylene-Chloride	ND	0.729	0.08	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	1	Pass	Ethyl-Ether	ND	2.869	0.389	5000	Pass	Toluene	ND	0.864	0.067	890	Pass
						Heptane	7.5	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 than 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	0.080	0.009	0.003	1.5	Pass
Cadmium	0.010	0.002	0.001	0.5	Pass
Lead	0.106	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	1.5	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than 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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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			
Aldicarb	ND	0.065	0.022	Pass	B1	ND	7.88	2.6	Tested	
Carbofuran	ND	0.030	0.009	Pass	B2	ND	6.18	2.04	Tested	
Chlordane	ND	0.075	0.025	Pass	G1	ND	8.99	2.97	Tested	
Chlorfenapyr	ND	0.075	0.025	Pass	G2	ND	5.72	1.89	Tested	
Chlorpyrifos	ND	0.053	0.018	Pass	Ochratoxin A	ND	11.72	3.87	20	Pass
Coumaphos	ND	0.056	0.018	Pass	Total Aflatoxins	ND		20	Pass	
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						
Paclbutrazol	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						
Thiacloprid	ND	0.042	0.014	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	0.030	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
Imidacloprid	ND	0.071	0.023	3	Pass						

Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than 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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