

Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 4

ICAL ID: 20211209-028
Sample: CA220404-032-086
Neurogan CBD Full Spectrum Horse Granules
(12,000mg/4lbs, 24,000mg/8lbs)
Strain: Neurogan CBD Full Spectrum Horse
Granules (12,000mg/4lbs, 24,000mg/8lbs)
Category: Ingestible

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

Lic.#

Batch#: DK20-4764/DK20-4784 Batch Size Collected: Total Batch Size: Collected: 04/05/2022; Received: 04/05/2022 Completed: 04/05/2022

Moisture	Δ9-ΤΗС	CBD	Total Cannabinoids	Total Terpenes
NT Water Activity	0.21 mg/g	4.24 mg/g	7.69 mg/g	NT

NT

Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-002	12/09/2021	Complete
Residual Solvents	RS-PREP-001	12/09/2021	Pass
Microbials	MICRO-PREP-001	12/15/2021	Pass
Mycotoxins	PESTMYCO-LC-PREP-001	12/09/2021	Pass
Heavy Metals	HM-PREP-001	12/10/2021	Pass
Foreign Matter	FM-PREP-001	12/09/2021	Pass
Pesticides	PESTMYCO-LC-PREP-001/	12/09/2021	Pass
	PEST-GC-PREP-001		





Scan to see results

1 Unit = package, 1827.81 g.

Cannabinoid Profile

LOD (mg/g) Analyte LOQ (mg/g) mg/g mg/unit THCa 0.0043 ND ND ND Δ9-THC 0.0046 0.0010 0.021 0.21 378.10 Δ8-ΤΗС 0.0046 ND ND ND THCV ND ND ND CBDa 0.0049 0.332 3.32 6062.85 CBD 0.424 7742.77

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
CBDV	0.0046	0.0004	0.002	0.02	36.56
CBN	0.0046	0.0005	0.003	0.03	45.70
CBGa	0.0046	0.0015	0.003	0.03	60.32
CBG	0.0046	0.0005	0.005	0.05	96.87
CBC	0.0076	0.0025	0.021	0.21	379.64
Total THC			0.02	0.21	378.10
Total CBD			0.71	7.15	13059.88
Total			0.77	7.69	14049.64

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

 Analyte
 LOQ (mg/g)
 LOD (mg/g)
 % mg/g
 Analyte
 LOQ (mg/g)
 LOD (mg/g)
 % 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# C8-0000047-LIC

Josh M Swider

Josh Swider Lab Director, Managing Partner 04/05/2022 Confident Cannabis
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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	Category 2		LOQ	LOD Limi	t Status
	μg/g			μg/g			μg/g	µg/g	µg/g µg/g	_		μg/g	µg/g	μg/g μg/	
1,2-Dichloro-Ethane	ND	0.264	0.088	3 1	Pass	Acetone	ND	51.246	0.716 5000	Pass	n-Hexane	ND	0.281	0.027 29	Pass
Benzene	ND	0.052	0.017	1	Pass	Acetonitrile	ND	0.42	0.14 410	Pass	Isopropanol	ND	2.86	0.614 500	Pass
Chloroform	ND	0.076	0.025	1	Pass	Butane	ND	4.849	0.748 5000	Pass	Methanol	ND	2.602	0.867 300	Pass
Ethylene Oxide	ND	0.579	0.179	1	Pass	Ethanol	ND	7.575	2.525 5000	Pass	Pentane	ND	5.075	1.692 500	Pass
Methylene-Chloride	ND	0.729	0.08	3 1	Pass	Ethyl-Acetate	ND	2.288	0.175 5000	Pass	Propane	ND	9.709	3.236 500	Pass
Trichloroethene	ND	0.145	0.028	3 1	Pass	Ethyl-Ether	ND	2.869	0.389 5000	Pass	Toluene	ND	0.864	0.067 89	Pass
-						Heptane	ND	2.859	0.496 5000	Pass	Xylenes	ND	2.572	0.326 217	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	0.076	0.009	0.003	1.5	Pass
Cadmium	0.117	0.002	0.001	0.5	Pass
Lead	0.080	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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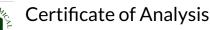
Josh Swider

Lab Director, Managing Partner 04/05/2022

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Status

Tested

Tested

Tested

Tested

Pass Pass

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ND

ND

ND

ND

0.024

0.047

0.042

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µg/kg

2.6

2.04

2.97

1.89

3.87

Limit

µg/kg

Chemical Residue Screening

Category 1		LOQ	LOD	Status	Mycotoxins		LOQ
	μg/g	μg/g	µg/g			μg/kg	µg/kg
Aldicarb	ND	0.065	0.022	Pass	B1	ND	7.88
Carbofuran	ND	0.030	0.009	Pass	B2	ND	6.18
Chlordane	ND	0.075	0.025	Pass	G1	ND	8.99
Chlorfenapyr	ND	0.075	0.025	Pass	G2	ND	5.72
Chlorpyrifos	ND	0.053	0.018	Pass	Ochratoxin A	ND	11.72
Coumaphos	ND	0.056	0.018	Pass	Total Aflatoxins	ND	
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			
lmazalil	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			

0.008

0.016

0.011

0.014

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

Pass

Pass

Pass

Other Analyte(s):

Parathion Methyl

Propoxur

Spiroxamine

Thiacloprid

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Additional Package Sizes

Cannabinoids Unit 2	Λ9-THC	CBD	Total Cannabinoids	
Cannabinoids Unit 1 unit = 3,628.74 g package 8 pounds per package	Δ9-THC 750.64 mg/unit	CBD 15,371.67 mg/unit	Total Cannabinoids 27,892.67 mg/unit	Pass

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