



Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20231206-125
Sample: CA231206-032-153
Neurogan Lip Balm 200mg, Full Spectrum
Strain: Neurogan Lip Balm 200mg, Full Spectrum
Category: Topical
Type: Other

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

Batch#: DK22-2421-2431
Batch Size Collected:
Total Batch Size:
Collected: 01/09/2024; Received: 01/09/2024
Completed: 01/09/2024

Moisture NT Water Activity NT	Δ9-THC 4.00 mg/unit	CBD 230.30 mg/unit	Total Cannabinoids 248.29 mg/unit	Total Terpenes NT
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Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-005	12/08/2023	Complete
Residual Solvents	RS-PREP-001	01/05/2024	Pass
Microbials	MICRO-PREP-001	01/08/2024	Pass
Mycotoxins	PESTMICO-LC-PREP-001	01/05/2024	Pass
Heavy Metals	HM-PREP-001	01/05/2024	Pass
Foreign Matter	FM-PREP-001	01/05/2024	Pass



Scan to see results

Cannabinoid Profile

1 Unit = container, 4.85 g.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
THCa	0.0481	0.0160	ND	ND	ND	CBGa	0.0414	0.0100	ND	ND	ND
Δ9-THC	0.0414	0.0122	0.082	0.82	4.00	CBG	0.0414	0.0056	0.093	0.93	4.51
Δ8-THC	0.0414	0.0066	0.006	0.06	0.30	CBN	0.0414	0.0089	0.167	1.67	8.11
THCV	0.0414	0.0053	ND	ND	ND	Total THC			0.09	0.88	4.29
CBDa	0.0532	0.0177	ND	ND	ND	Total CBD			4.75	47.48	230.30
CBD	0.0414	0.0055	4.748	47.48	230.30	Total			5.12	51.19	248.29
CBDV	0.0414	0.0062	0.022	0.22	1.08						
CBC	0.0425	0.0142	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
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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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Lab Director, Managing Partner
01/09/2024

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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	
1,2-Dichloro-Ethane	µg/g	µg/g	µg/g	µg/g	Acetone	µg/g	µg/g	µg/g	µg/g	
Benzene	ND	0.3	0.1	1	Pass	ND	51.246	3.144	5000	Pass
Chloroform	ND	0.154	0.0514	1	Pass	ND	1.723	0.574	410	Pass
Ethylene Oxide	ND	0.971	0.324	1	Pass	ND	8.36	2.787	5000	Pass
Methylene-Chloride	ND	2.602	0.867	1	Pass	297.7	5.814	1.938	5000	Pass
Trichloroethene	ND	0.2	0.067	1	Pass	ND	2.288	0.329	5000	Pass
					Butane	ND	2.869	0.901	5000	Pass
					Ethanol	ND	2.859	0.748	5000	Pass
					Ethyl-Acetate	ND				
					Ethyl-Ether	ND				
					Heptane	ND				
					n-Hexane	ND	0.729	0.179	290	Pass
					Isopropanol	ND	0.335	0.112	5000	Pass
					Methanol	ND	7.739	2.58	3000	Pass
					Pentane	ND	5.212	1.737	5000	Pass
					Propane	ND	31.953	10.651	5000	Pass
					Toluene	ND	0.864	0.069	890	Pass
					Xylenes	ND	2.572	0.444	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	
Arsenic	µg/g	µg/g	µg/g	µg/g	
Cadmium	ND	0.009	0.003	1.5	Pass
Lead	ND	0.002	0.001	0.5	Pass
Mercury	ND	0.004	0.001	0.5	Pass
	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/kg	µg/kg	µg/kg	µg/kg
				B1	ND	5.88	1.94	Tested
				B2	ND	8.04	2.65	Tested
				G1	ND	11.85	3.91	Tested
				G2	ND	5	1.54	Tested
				Ochratoxin A	ND	14.49	4.78	20 Pass
				Total Aflatoxins	ND		20	20 Pass

Category 2	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status
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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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