

Certificate of Analysis

Produced: Mar 18, 2025

Sample: CBD Full Spectrum Balm, 4000mg, 2oz (Topical) • Client: Neurogan Inc. • Batch: Pass



Batch No.: DK24-4004
Matrix: Topical
Sample ID: ICC-250224-30-001
Collected on: Feb 24, 2025
Received on: Feb 24, 2025
Sample Size:
Received By: Stephanie Paule
Package Size: 62.38 g

Batch Result: Pass

Potency	Tested	Mycotoxins	Pass
Solvents	Pass	Pesticides	Tested
Metals	Pass	Foreign	Pass
Microbial	Pass		

Cannabinoid Overview

Total THC:	74.2 mg/pkg
Total CBD:	4780 mg/pkg
Total Cannabinoids:	5380 mg/pkg
Sum of Cannabinoids:	5380 mg/pkg

POT-INST-005: POT-INST-005: Potency • Feb 25, 2025

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)
CBC	217	0.348	3.48	0.0269/0.0808	CBT	98.6	0.158	1.58	0.0117/0.0408
CBD	4770	7.65	76.5	0.00824/0.0408	Δ ⁸ -THC		ND	ND	0.00660/0.0408
CBDA	13.6	0.0218	0.218	0.0197/0.0591	Δ ⁹ -THC	74.2	0.119	1.19	0.0109/0.0408
CBDV	61.9	0.0992	0.992	0.00653/0.0408	THCA		ND	ND	0.0150/0.0449
CBG	88.6	0.142	1.42	0.00930/0.0408	THCV		ND	ND	0.00504/0.0408
CBGA		ND	ND	0.0145/0.0436	Total THC**	74.2	0.119	1.19	
CBL	13.0	0.0209	0.209	0.00643/0.0408	Total CBD**	4780	7.67	76.7	
CBN	42.5	0.0682	0.682	0.00930/0.0408					

** Total THC = Delta-10-THC + Delta-8-THC + (Delta-8-THCA x 0.877) + Delta-9-THC + THC-O-acetate + (THCA x 0.877)

** Total CBD = CBD + (CBDA x 0.877)

NR= Not Reported, ND= Not Detected, *Reported by Dry Mass*; *analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope* *Density tested at a temperature range between 19-24 °C, *Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All California State Compliant samples sampled using SAMPL-SOP-001. Compliance requirements for this test are taken from California CDPH Hemp regulations.



RS-PREP-001, RS-INST-003: RS-PREP-001, RS-INST-003: Residual Solvents by GC-MS • Feb 26, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/ml)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/ml)	Pass/Fail
1,2-Dichloroethane	1	ND	0.141/0.429	Pass	Hexane	290	ND	0.0557/0.237	Pass
Acetone	5000	< LOQ	14.4/43.2	Pass	Isopropyl alcohol		4.70	1.08/3.24	N/A
Acetonitrile	410	ND	0.101/0.303	Pass	Methanol	3000	ND	2.51/7.52	Pass
Benzene	1	ND	0.0177/0.0539	Pass	Methylene chloride	1	ND	0.107/0.615	Pass
Butane	5000	ND	0.819/4.09	Pass	Pentane	5000	ND	0.811/3.60	Pass
Chloroform	1	ND	0.0304/0.0911	Pass	Propane	5000	ND	3.74/11.2	Pass
Ethanol		67.1	2.20/6.62	N/A	Toluene	890	0.804	0.0742/0.729	Pass
Ethyl acetate	5000	4.26	0.264/1.93	Pass	Trichloroethylene	1	ND	0.0152/0.122	Pass
Ethylene oxide	1	ND	0.129/0.488	Pass	o-Xylene		ND	0.0849/0.723	N/A
Ethyl ether	5000	ND	0.998/2.99	Pass	p- and m-Xylene		ND	0.0973/1.45	N/A
Heptane	5000	ND	0.579/2.41	Pass	Total xylenes	2170	ND	0.0168/0.143	Pass

Compliance requirements for this test are taken from California Cannabis regulations.

HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • Feb 26, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	1.5	ND	0.00300/0.00900	Pass	Lead	0.5	< LOQ	0.00100/0.00400	Pass
Cadmium	0.5	ND	0.00100/0.00200	Pass	Mercury	3	ND	0.00500/0.0140	Pass

Compliance requirements for this test are taken from California Cannabis regulations.

MICRO-PREP-001, MICRO-INST-001: MICRO-PREP-001, MICRO-INST-001: PCR-Microbial (noninhalable) • Feb 26, 2025

Analyte	Amt	Pass/Fail	Analyte	Amt	Pass/Fail
Salmonella spp.	ND	Pass	Shiga toxin-producing E. coli	ND	Pass

Compliance requirements for this test are taken from California Cannabis regulations.

PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Mycotoxin Analysis by LC-MS/MS • Feb 26, 2025

Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail	Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	1.94/5.88	N/A	Aflatoxin G2		ND	1.54/5.00	N/A
Aflatoxin B2		ND	2.65/8.04	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	3.91/11.9	N/A	Ochratoxin A	20	ND	4.78/14.5	Pass

Compliance requirements for this test are taken from California Cannabis regulations.

PEST-GC-PREP-001, PEST-GC-INST-003: PEST-GC-PREP-001, PEST-GC-INST-003: Pesticide Analysis by GC-MS/MS • Feb 26, 2025

Analyte	Amt (µg/g)	LOD/LOQ (µg/g)	Analyte	Amt (µg/g)	LOD/LOQ (µg/g)
Captan	ND	0.120/0.358	Cypermethrin	ND	0.0145/0.0435
Chlordane	ND	0.0249/0.0747	Methyl parathion	ND	0.00811/0.0243
Chlorfenapyr	ND	0.0251/0.0753	Pentachloronitrobenzene	ND	0.0182/0.0545
Cyfluthrin	ND	0.0186/0.0558			

Compliance requirements for this test are taken from California Cannabis regulations.



PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Pesticide Analysis by LC-MS/MS • Feb 26, 2025

Analyte	Amt (µg/g)	LOD/LOQ (µg/g)	Analyte	Amt (µg/g)	LOD/LOQ (µg/g)
Abamectin	ND	0.0500/0.100	Malathion	ND	0.00673/0.0300
Abamectin Ba	ND	0.0330/0.0990	Metalaxyl	ND	0.00467/0.0300
Acephate	ND	0.00629/0.0300	Methiocarb	ND	0.00956/0.0300
Acequinocyl	ND	0.0280/0.0848	Methomyl	ND	0.0105/0.0318
Acetamiprid	ND	0.00718/0.0300	Mevinphos	ND	0.0133/0.0404
Aldicarb	ND	0.00997/0.0302	Myclobutanil	ND	0.00963/0.0300
Azoxystrobin	ND	0.00400/0.0300	Naled	ND	0.0116/0.0350
Bifenazate	ND	0.00787/0.0300	Oxamyl	ND	0.0103/0.0311
Bifenthrin	ND	0.0162/0.0490	Paclobutrazol	ND	0.0111/0.0337
Boscalid	ND	0.0106/0.0321	Permethrin	ND	0.00396/0.0300
Carbaryl	ND	0.00614/0.0300	Permethrin cis	ND	0.0200/0.0300
Carbofuran	ND	0.00384/0.0300	Permethrin trans	ND	0.0200/0.0300
Chlorantraniliprole	0.119	0.00657/0.0300	Phosmet	ND	0.00807/0.0300
Chlorpyrifos	< LOQ	0.0108/0.0327	Piperonylbutoxide	0.0544	0.00869/0.0300
Clofentezine	ND	0.00595/0.0300	Prallethrin	ND	0.0204/0.0618
Coumaphos	ND	0.00712/0.0300	Propiconazole	ND	0.0210/0.0637
Daminozide	ND	0.0190/0.0576	Propoxur	ND	0.00656/0.0300
Diazinon	ND	0.0271/0.0821	Pyrethrins	ND	0.00357/0.0300
Dichlorvos	ND	0.0168/0.0508	Pyrethrins Pyrethrin I	ND	0.0100/0.0450
Dimethoate	ND	0.00906/0.0300	Pyrethrins Pyrethrin II	ND	0.0100/0.0300
Dimethomorph	ND	0.0102/0.0308	Pyridaben	ND	0.00834/0.0300
Ethoprophos	ND	0.00586/0.0300	Spinetoram	ND	0.00317/0.0300
Etofenprox	ND	0.00642/0.0300	Spinetoram J	ND	0.00500/0.0100
Etoxazole	ND	0.00498/0.0300	Spinetoram L	ND	0.00500/0.0100
Fenhexamid	ND	0.0147/0.0444	Spinosad	ND	0.00302/0.0300
Fenoxycarb	ND	0.0111/0.0335	Spinosad A	ND	0.00500/0.0100
Fenpyroximate	< LOQ	0.00952/0.0300	Spinosad D	ND	0.00500/0.0100
Fipronil	ND	0.00568/0.0300	Spiromesifen	ND	0.0103/0.0311
Flonicamid	ND	0.0181/0.0548	Spirotetramat	ND	0.00992/0.0301
Fludioxonil	ND	0.0192/0.0583	Spiroxamine	ND	0.00395/0.0300
Hexythiazox	ND	0.0217/0.0657	Tebuconazole	ND	0.0213/0.0645
Imazalil	ND	0.00937/0.0300	Thiacloprid	ND	0.00348/0.0300
Imidacloprid	ND	0.0231/0.0700	Thiamethoxam	ND	0.00914/0.0300
Kresoxim-methyl	ND	0.00982/0.0300	Trifloxystrobin	ND	0.00378/0.0300

Compliance requirements for this test are taken from California Cannabis regulations.

