

Certificate of Analysis

Produced: May 20, 2025

Sample: Full Spectrum CBD Dog Chews 930mg, 30ct / 1,860mg, 60ct / 9,300mg, 300ct (Edible Solid) • **Client:** Neurogan Inc. • **Batch:** Pass



Batch No.: DK24-9731-9741-9951
Matrix: Edible Solid
Sample ID: ICC-250411-24-002
Collected on: Apr 11, 2025
Received on: Apr 11, 2025
Sample Size:
Received By: Rebecca Fischer
Package Size: 171.98 g
Serving Size: 5.55 g

Batch Result: Pass

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

Cannabinoid Overview

Total THC:	0.638 mg/srv
Total CBD:	31.3 mg/srv
Total Cannabinoids:	33.7 mg/srv
Sum of Cannabinoids:	33.7 mg/srv

POT-INST-005: POT-INST-005: Potency

Analyte	Amt	Amt	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt	Amt	LOD/LOQ (mg/g)	Pass/Fail
CBC	0.00647 %	0.065 mg/g	0.00302/0.00905	N/A	Total THC**	0.0115 %	0.12 mg/g		N/A
CBD	0.564 %	5.6 mg/g	0.000923/0.00457	N/A	Total CBD**	0.564 %	5.6 mg/g		N/A
CBDA	ND	ND	0.00221/0.00662	N/A	CBD/Srv	31.3 mg			N/A
CBDV	0.0107 %	0.11 mg/g	0.000732/0.00457	N/A	Δ⁹-THC/Srv	0.638 mg			N/A
CBG	0.00528 %	0.053 mg/g	0.00104/0.00457	N/A	Total THC/Srv**	0.638 mg			N/A
CBGA	ND	ND	0.00163/0.00488	N/A	Total CBD/Srv**	31.3 mg			N/A
CBL	ND	ND	0.000720/0.00457	N/A	CBD/Pkg	970 mg			N/A
CBN	0.00118 %	0.012 mg/g	0.00104/0.00457	N/A	Δ⁹-THC/Pkg	19.8 mg			N/A
CBT	0.00865 %	0.087 mg/g	0.00131/0.00457	N/A	Total THC/Pkg**	19.8 mg			N/A
Δ ⁸ -THC	ND	ND	0.000740/0.00457	N/A	Total CBD/Pkg**	970 mg			N/A
Δ ⁹ -THC	0.0115 %	0.12 mg/g	0.00122/0.00457	N/A	Total Cannabinoids**	0.608 %	6.1 mg/g		N/A
THCA	ND	ND	0.00168/0.00503	N/A	Total Cannabinoids/Pkg**	1050 mg			N/A
THCV	ND	ND	0.000565/0.00457	N/A	Total Cannabinoids/Srv**	33.7 mg			N/A

** Total Cannabinoids = Neutral Cannabinoids + (Acidic Cannabinoids * 0.877)

** 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.



RS-PREP-001, RS-INST-003: RS-PREP-001, RS-INST-003: Residual Solvents by GC-MS • May 16, 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
1,2-Dichloroethane	1	ND	0.132/0.402	Pass	Hexane	290	ND	0.0521/0.222	Pass
Acetone	5000	ND	13.5/40.4	Pass	Isopropyl alcohol	5000	ND	1.01/3.03	Pass
Acetonitrile	410	ND	0.0947/0.283	Pass	Methanol	3000	ND	2.35/7.04	Pass
Benzene	1	ND	0.0166/0.0504	Pass	Methylene chloride	1	ND	0.100/0.575	Pass
Butane	5000	ND	0.766/3.83	Pass	Pentane	5000	ND	0.759/3.37	Pass
Chloroform	1	ND	0.0284/0.0852	Pass	Propane	5000	ND	3.50/10.5	Pass
Ethanol	5000	ND	2.06/6.19	Pass	Toluene	890	ND	0.0694/0.682	Pass
Ethyl acetate	5000	ND	0.247/1.81	Pass	Trichloroethylene	1	ND	0.0142/0.114	Pass
Ethylene oxide	1	ND	0.121/0.457	Pass	o-Xylene	ND	ND	0.0795/0.676	N/A
Ethyl ether	5000	ND	0.933/2.80	Pass	p- and m-Xylene	ND	ND	0.0911/1.35	N/A
Heptane	5000	ND	0.542/2.26	Pass	Total xylenes	2170	ND		Pass

HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • May 15, 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	< LOQ	0.00300/0.00900	Pass	Lead	0.5	< LOQ	0.00100/0.00400	Pass
Cadmium	0.5	0.00714	0.00100/0.00200	Pass	Mercury	3	ND	0.00500/0.0140	Pass

MICRO-008, MICRO-PREP-001, MICRO-INST-001: MICRO-008, MICRO-PREP-001, MICRO-INST-001: PCR-Microbial (noninhalable) • May 16, 2025

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

PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Mycotoxin Analysis by LC-MS/MS • May 19, 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	2.60/7.88	N/A	Aflatoxin G2		ND	1.89/5.72	N/A
Aflatoxin B2		ND	2.04/6.18	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	2.97/8.99	N/A	Ochratoxin A	20	ND	3.87/11.7	Pass

PEST-GC-PREP-001, PEST-GC-INST-003: PEST-GC-PREP-001, PEST-GC-INST-003: Pesticide Analysis by GC-MS/MS • May 19, 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
Captan	5	ND	0.120/0.358	Pass	Cypermethrin	1	ND	0.0145/0.0435	Pass
Chlordane	Any amt	ND	0.0249/0.0747	Pass	Methyl parathion	Any amt	ND	0.00811/0.0243	Pass
Chlorfenapyr	Any amt	ND	0.0251/0.0753	Pass	Pentachloronitrobenzene	0.2	ND	0.0182/0.0545	Pass
Cyfluthrin	1	ND	0.0186/0.0558	Pass					



PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Pesticide Analysis by LC-MS/MS • May 19, 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
Abamectin	0.3	ND	0.0500/0.100	Pass	Malathion	5	ND	0.0117/0.0354	Pass
Abamectin Ba		ND	0.0330/0.0990	N/A	Metalaxyl	15	ND	0.0101/0.0306	Pass
Acephate	5	ND	0.0164/0.0497	Pass	Methiocarb	Any amt	ND	0.0156/0.0473	Pass
Acequinocyl	4	ND	0.0194/0.0587	Pass	Methomyl	0.1	ND	0.0158/0.0479	Pass
Acetamiprid	5	ND	0.0146/0.0442	Pass	Mevinphos	Any amt	ND	0.0139/0.0423	Pass
Aldicarb	Any amt	ND	0.0216/0.0654	Pass	Myclobutanil	9	ND	0.0180/0.0546	Pass
Azoxystrobin	40	ND	0.00960/0.0291	Pass	Naled	0.5	ND	0.0170/0.0514	Pass
Bifenazate	5	ND	0.0115/0.0349	Pass	Oxamyl	0.2	ND	0.0153/0.0465	Pass
Bifenthrin	0.5	ND	0.0130/0.0395	Pass	Paclobutrazol	Any amt	ND	0.0132/0.0400	Pass
Boscalid	10	ND	0.0197/0.0596	Pass	Permethrin	20	ND	0.00831/0.0300	Pass
Carbaryl	0.5	ND	0.0160/0.0486	Pass	Permethrin cis		ND	0.0200/0.0300	N/A
Carbofuran	Any amt	ND	0.00902/0.0300	Pass	Permethrin trans		ND	0.0200/0.0300	N/A
Chlorantranilprole	40	ND	0.0209/0.0632	Pass	Phosmet	0.2	ND	0.0125/0.0377	Pass
Chlorpyrifos	Any amt	ND	0.0176/0.0534	Pass	Piperonylbutoxide	8	ND	0.00759/0.0300	Pass
Clofentezine	0.5	ND	0.0129/0.0389	Pass	Prallethrin	0.4	ND	0.0226/0.0685	Pass
Coumaphos	Any amt	ND	0.0185/0.0559	Pass	Propiconazole	20	ND	0.0195/0.0590	Pass
Daminozide	Any amt	ND	0.0261/0.0791	Pass	Propoxur	Any amt	ND	0.0155/0.0471	Pass
Diazinon	0.2	ND	0.00645/0.0300	Pass	Pyrethrins	1	ND	0.00431/0.0300	Pass
Dichlorvos	Any amt	ND	0.0223/0.0674	Pass	Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Dimethoate	Any amt	ND	0.0118/0.0356	Pass	Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Dimethomorph	20	ND	0.0137/0.0416	Pass	Pyridaben	3	ND	0.0115/0.0350	Pass
Ethoprophos	Any amt	ND	0.0174/0.0528	Pass	Spinetoram	3	ND	0.00639/0.0300	Pass
Etofenprox	Any amt	ND	0.00849/0.0300	Pass	Spinetoram J		ND	0.00500/0.0100	N/A
Etoxazole	1.5	ND	0.00783/0.0300	Pass	Spinetoram L		ND	0.00500/0.0100	N/A
Fenhexamid	10	ND	0.0129/0.0392	Pass	Spinosad	3	ND	0.00410/0.0300	Pass
Fenoxycarb	Any amt	ND	0.0144/0.0435	Pass	Spinosad A		ND	0.00500/0.0100	N/A
Fenpyroximate	2	ND	0.00972/0.0300	Pass	Spinosad D		ND	0.00500/0.0100	N/A
Fipronil	Any amt	ND	0.0148/0.0447	Pass	Spiromesifen	12	ND	0.0137/0.0416	Pass
Flonicamid	2	ND	0.0268/0.0811	Pass	Spirotetramat	13	ND	0.0134/0.0407	Pass
Fludioxonil	30	ND	0.0153/0.0464	Pass	Spiroxamine	Any amt	ND	0.0106/0.0320	Pass
Hexythiazox	2	ND	0.0257/0.0778	Pass	Tebuconazole	2	ND	0.0144/0.0437	Pass
Imazalil	Any amt	ND	0.0156/0.0474	Pass	Thiacloprid	Any amt	ND	0.0139/0.0421	Pass
Imidacloprid	3	ND	0.0235/0.0711	Pass	Thiamethoxam	4.5	ND	0.0181/0.0549	Pass
Kresoxim-methyl	1	ND	0.0125/0.0379	Pass	Trifloxystrobin	30	ND	0.0102/0.0310	Pass

Water Activity by Water Activity Meter • May 16, 2025

Analyte	Limit (Aw)	Amt (Aw)	Pass/Fail
Water Activity	0.85	0.406	Pass

