

# Certificate of Analysis

Produced: Apr 03, 2025

Sample: CBD Full Spectrum Gummy Squares, 120mg each, 3600mg total, 30-60ct. (Edible Solid) • Client: Neurogan Inc. • Batch: Pass



**Batch No.:** DK24-8174-WM-WB  
**Matrix:** Edible Solid  
**Sample ID:** ICC-250325-24-005  
**Collected on:** Mar 25, 2025  
**Received on:** Mar 25, 2025  
**Sample Size:**  
**Received By:** Rebecca Fischer  
**Package Size:** 55.96 g  
**Serving Size:** 1.87 g

Batch Result: Pass

<b>Potency</b>	Tested	<b>Mycotoxins</b>	Pass
<b>Solvents</b>	Pass	<b>Pesticides</b>	Pass
<b>Metals</b>	Pass	<b>Foreign</b>	Pass
<b>Microbial</b>	Pass	<b>Water Activity</b>	Pass

### Cannabinoid Overview

<b>Total THC:</b>	<b>2.52 mg/srv</b>
<b>Total CBD:</b>	<b>133 mg/srv</b>
<b>Total Cannabinoids:</b>	<b>154 mg/srv</b>
<b>Sum of Cannabinoids:</b>	<b>154 mg/srv</b>

### 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	0.343 %	3.4 mg/g	0.0278/0.0835	N/A	<b>Total THC**</b>	0.135 %	1.4 mg/g		N/A
CBD	7.13 %	71 mg/g	0.00851/0.0422	N/A	<b>Total CBD**</b>	7.13 %	71 mg/g		N/A
CBDA	ND	ND	0.0204/0.0610	N/A	<b>CBD/Srv</b>	133 mg			N/A
CBDV	0.0705 %	0.71 mg/g	0.00675/0.0422	N/A	<b>Δ<sup>9</sup>-THC/Srv</b>	2.52 mg			N/A
CBG	0.283 %	2.8 mg/g	0.00961/0.0422	N/A	<b>Total THC/Srv**</b>	2.52 mg			N/A
CBGA	ND	ND	0.0150/0.0450	N/A	<b>Total CBD/Srv**</b>	133 mg			N/A
CBL	ND	ND	0.00664/0.0422	N/A	<b>CBD/Pkg</b>	3990 mg			N/A
CBN	0.0523 %	0.52 mg/g	0.00961/0.0422	N/A	<b>Δ<sup>9</sup>-THC/Pkg</b>	75.5 mg			N/A
CBT	0.226 %	2.3 mg/g	0.0121/0.0422	N/A	<b>Total THC/Pkg**</b>	75.5 mg			N/A
Δ <sup>8</sup> -THC	ND	ND	0.00682/0.0422	N/A	<b>Total CBD/Pkg**</b>	3990 mg			N/A
Δ <sup>9</sup> -THC	0.135 %	1.4 mg/g	0.0113/0.0422	N/A	<b>Total Cannabinoids**</b>	8.24 %	82 mg/g		N/A
THCA	ND	ND	0.0155/0.0464	N/A	<b>Total Cannabinoids/Pkg**</b>	4610 mg			N/A
THCV	ND	ND	0.00521/0.0422	N/A	<b>Total Cannabinoids/Srv**</b>	154 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 • Apr 01, 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	0.139/0.424	Pass	Hexane	290	ND	0.0550/0.234	Pass
Acetone	5000	< LOQ	14.2/42.7	Pass	Isopropyl alcohol	5000	6.24	1.07/3.20	Pass
Acetonitrile	410	ND	0.100/0.299	Pass	Methanol	3000	15.6	2.48/7.43	Pass
Benzene	1	ND	0.0175/0.0532	Pass	Methylene chloride	1	ND	0.106/0.607	Pass
Butane	5000	ND	0.809/4.04	Pass	Pentane	5000	ND	0.802/3.56	Pass
Chloroform	1	ND	0.0300/0.0900	Pass	Propane	5000	ND	3.69/11.1	Pass
Ethanol	5000	7.12	2.18/6.53	Pass	Toluene	890	ND	0.0733/0.720	Pass
Ethyl acetate	5000	23.8	0.261/1.91	Pass	Trichloroethylene	1	ND	0.0150/0.121	Pass
Ethylene oxide	1	ND	0.127/0.482	Pass	o-Xylene		ND	0.0839/0.714	N/A
Ethyl ether	5000	ND	0.986/2.96	Pass	p- and m-Xylene		ND	0.0962/1.43	N/A
Heptane	5000	ND	0.572/2.38	Pass	Total xylenes	2170	ND	0.0168/0.143	Pass

**HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • Apr 01, 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

**MICRO-008, MICRO-PREP-001, MICRO-INST-001: MICRO-008, MICRO-PREP-001, MICRO-INST-001: PCR-Microbial (noninhalable) • Apr 02, 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 • Apr 03, 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 • Apr 02, 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 • Apr 03, 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 • Apr 02, 2025**

Analyte	Limit (Aw)	Amt (Aw)	Pass/Fail
Water Activity	0.85	0.414	Pass

