

# Certificate of Analysis

Produced: Oct 06, 2025

**Sample:** CBD 12000mg + CBN 12000mg Isolate with Caryophyllene and Myrcene terpenes, 60ml/ CBD 6000mg + CBN 6000mg Isolate with Caryophyllene and Myrcene terpenes, 30ml (Tincture) • **Client:** Neurogan Inc. • **Batch:** Pass



**Batch No.:** DK24-CDN01-30-60  
**Matrix:** Tincture  
**Density:** 0.98008 g/ml  
**Sample ID:** ICC-250410-34-001  
**Collected on:** Apr 10, 2025  
**Received on:** Apr 10, 2025  
**Batch Size:**  
**Sample Size:**  
**Package Size:** 29.4 g

**Batch Result:** Pass

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

### Cannabinoid Overview

<b>Δ<sup>9</sup>-THC:</b>	<b>0.000 mg/pkg</b>
<b>CBD:</b>	<b>6120 mg/pkg</b>
<b>Total Cannabinoids:</b>	<b>12100 mg/pkg</b>
<b>Sum of Cannabinoids:</b>	<b>12100 mg/pkg</b>
<b>Sum of Terpenes:</b>	<b>1540 mg/pkg</b>

### POT-INST-005: POT-INST-005: Potency • Apr 11, 2025

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/ml)	Pass/Fail	Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/ml)	Pass/Fail
CBC		ND	ND	0.119/0.357	N/A	CBT		ND	ND	0.0516/0.180	N/A
CBD	6120	20.8	204	0.0364/0.180	N/A	Δ <sup>8</sup> -THC		ND	ND	0.0291/0.180	N/A
CBDA		ND	ND	0.0869/0.261	N/A	Δ <sup>9</sup> -THC		ND	ND	0.0481/0.180	N/A
CBDV	8.61	0.0293	0.287	0.0288/0.180	N/A	THCA		ND	ND	0.0662/0.198	N/A
CBG		ND	ND	0.0411/0.180	N/A	THCV		ND	ND	0.0222/0.180	N/A
CBGA		ND	ND	0.0641/0.192	N/A	<b>Total THC**</b>		ND	ND		N/A
CBL		ND	ND	0.0283/0.180	N/A	<b>Total CBD**</b>	6120	20.8	204		N/A
CBN	6000	20.4	200	0.0411/0.180	N/A	<b>Total Cannabinoids**</b>	12100	41.2	404		N/A

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

\*\* Total THC = Delta-8-THC + (Delta-8-THCA x 0.877) + Delta-9-THC + (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.



**TERP-INST-003, TERP-PREP-001: TERP-INST-003, TERP-PREP-001: Terpene Testing by GC-MS • Apr 11, 2025**

Analyte	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)	Analyte	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
Total Terpenes	5.24	51.3		Cedrol	ND	ND	0.0690/0.207
β-Myrcene	2.73	26.8	0.0150/0.153	cis-Nerolidol	ND	ND	0.0840/0.251
β-Caryophyllene	2.38	23.3	0.179/0.608	Eucalyptol	ND	ND	0.0810/0.244
α-Humulene	0.126	1.23	0.0260/0.151	Fenchol	ND	ND	0.0240/0.152
Δ <sup>3</sup> -Carene	< LOQ	< LOQ	0.0240/0.306	Fenchone	ND	ND	0.0250/0.151
(-)-β-Citronellol	ND	ND	0.120/0.598	γ-Terpinene	ND	ND	0.0330/0.152
α-Bisabolol	ND	ND	0.0640/0.193	Geraniol	ND	ND	0.114/0.609
α-Cedrene	ND	ND	0.0320/0.151	Geranyl Acetate	ND	ND	0.0300/0.151
α-Pinene	ND	ND	0.0220/0.151	Guaiol	ND	ND	0.0290/0.154
α-Terpinene	ND	ND	0.0540/0.163	Isoborneol	ND	ND	0.0330/0.151
α-Terpineol	ND	ND	0.0330/0.154	Limonene	ND	ND	0.150/0.449
β-Eudesmol	ND	ND	0.0760/0.227	Linalool	ND	ND	0.0360/0.154
β-Pinene	ND	ND	0.0270/0.306	Menthol	ND	ND	0.0720/0.215
Borneol	ND	ND	0.0240/0.154	p-Cymene	ND	ND	0.0580/0.175
Camphene	ND	ND	0.0170/0.151	Pulegone	ND	ND	0.0560/0.169
Camphor	ND	ND	0.0550/0.306	Terpinolene	ND	ND	0.0130/0.154
Caryophyllene Oxide	ND	ND	0.113/0.602	trans-Nerolidol	ND	ND	0.0740/0.222

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.

**RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS • Aug 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
1,2-Dichloroethane	1	ND	0.170/0.518	Pass	Hexane	290	ND	0.0671/0.286	Pass
Acetone	5000	ND	17.4/52.1	Pass	Isopropyl alcohol	5000	10.3	1.30/3.91	Pass
Acetonitrile	410	ND	0.122/0.365	Pass	Methanol	3000	ND	3.02/9.07	Pass
Benzene	1	ND	0.0214/0.0650	Pass	Methylene chloride	1	ND	0.129/0.741	Pass
Butane	5000	ND	0.988/4.93	Pass	Pentane	5000	23.4	0.978/4.34	Pass
Chloroform	1	ND	0.0366/0.110	Pass	Propane	5000	ND	4.51/13.5	Pass
Ethanol	5000	ND	2.66/7.98	Pass	Toluene	890	1.14	0.0895/0.879	Pass
Ethyl acetate	5000	ND	0.318/2.33	Pass	Trichloroethylene	1	ND	0.0183/0.147	Pass
Ethylene oxide	1	ND	0.156/0.589	Pass	o-Xylene		ND	0.102/0.872	N/A
Ethyl ether	5000	ND	1.20/3.61	Pass	p- and m-Xylene		ND	0.117/1.74	N/A
Heptane	5000	13.2	0.699/2.91	Pass	Total xylenes	2170	ND		Pass

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.

**HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Aug 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	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 CA Cannabis/Hemp (Based on Submission Type) regulations.

**MICRO-008, MICRO-INST-001, MICRO-PREP-001: MICRO-008, MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable) • Aug 15, 2025**

Analyte	Limit	Amt	Pass/Fail	Analyte	Limit	Amt	Pass/Fail
Salmonella spp.	Any amt in 1 gram	ND	Pass	Shiga toxin-producing E. coli	Any amt in 1 gram	ND	Pass

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.

**PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Aug 15, 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	2.05/6.20	N/A	Aflatoxin G2		ND	1.02/5.00	N/A
Aflatoxin B2		ND	1.63/5.00	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	1.77/5.38	N/A	Ochratoxin A	20	ND	5.42/16.4	Pass

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.

**PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Aug 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
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					

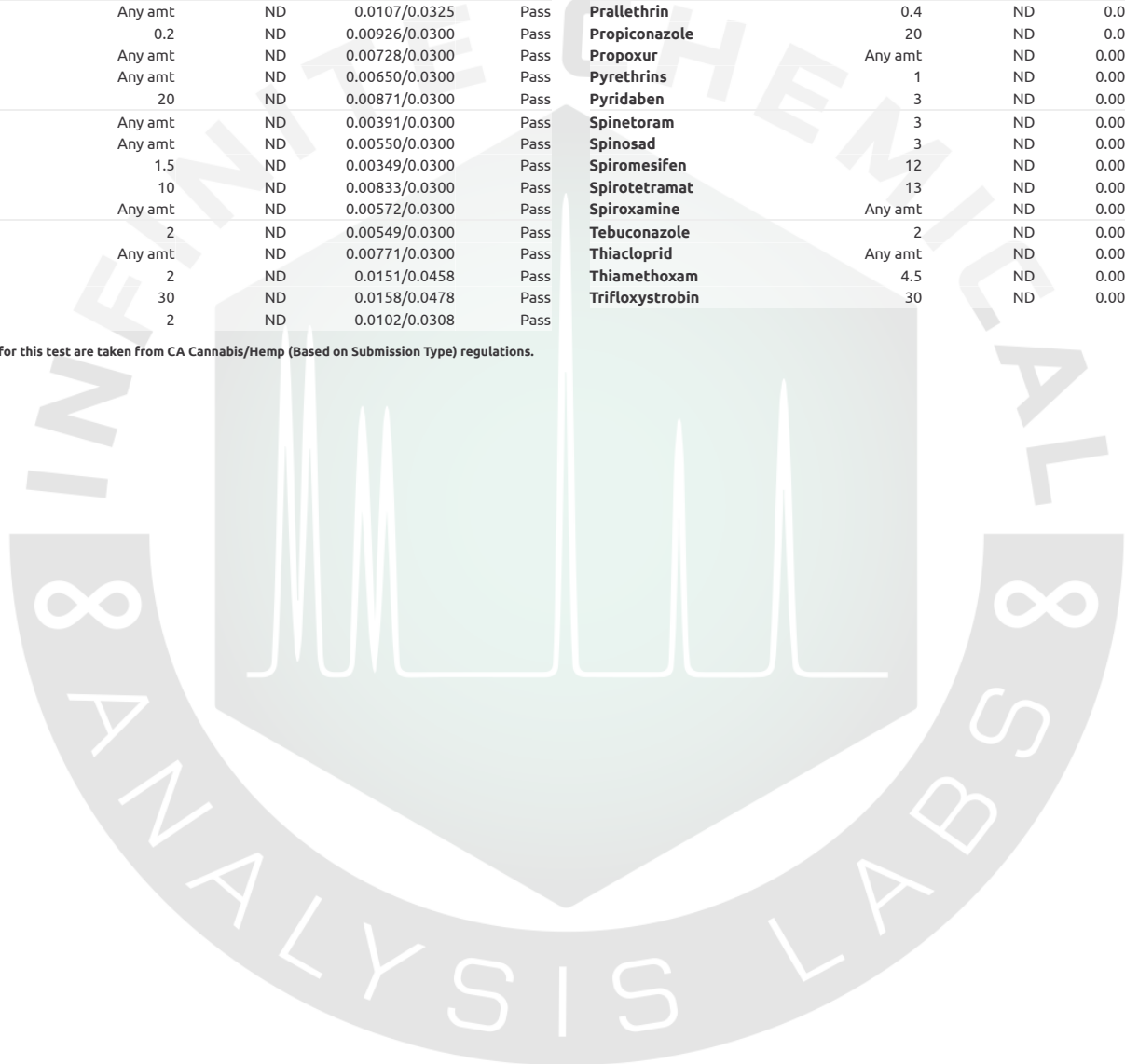
Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.



PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Aug 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
Abamectin	0.3	ND	0.0500/0.100	Pass	Imazalil	Any amt	ND	0.00863/0.0300	Pass
Acephate	5	ND	0.0209/0.0635	Pass	Imidacloprid	3	ND	0.00861/0.0300	Pass
Acequinocyl	4	ND	0.0115/0.0347	Pass	Kresoxim-methyl	1	ND	0.00703/0.0300	Pass
Acetamiprid	5	ND	0.00581/0.0300	Pass	Malathion	5	ND	0.00485/0.0300	Pass
Aldicarb	Any amt	ND	0.00935/0.0300	Pass	Metalaxyl	15	ND	0.00340/0.0300	Pass
Azoxystrobin	40	ND	0.00322/0.0300	Pass	Methiocarb	Any amt	ND	0.00542/0.0300	Pass
Bifenazate	5	ND	0.00473/0.0300	Pass	Methomyl	0.1	ND	0.00645/0.0300	Pass
Bifenthrin	0.5	ND	0.00583/0.0300	Pass	Mevinphos	Any amt	ND	0.0105/0.0319	Pass
Boscalid	10	ND	0.00747/0.0300	Pass	Myclobutanil	9	ND	0.00735/0.0300	Pass
Carbaryl	0.5	ND	0.00404/0.0300	Pass	Naled	0.5	ND	0.00459/0.0300	Pass
Carbofuran	Any amt	ND	0.00239/0.0300	Pass	Oxamyl	0.2	ND	0.00850/0.0300	Pass
Chlorantraniliprole	40	ND	0.00563/0.0300	Pass	Paclobutrazol	Any amt	ND	0.00577/0.0300	Pass
Chlorpyrifos	Any amt	ND	0.00807/0.0300	Pass	Permethrin	20	ND	0.00178/0.0300	Pass
Clofentezine	0.5	ND	0.00464/0.0300	Pass	Phosmet	0.2	ND	0.00527/0.0300	Pass
Coumaphos	Any amt	ND	0.00463/0.0300	Pass	Piperonylbutoxide	8	ND	0.00635/0.0300	Pass
Daminozide	Any amt	ND	0.0107/0.0325	Pass	Prallethrin	0.4	ND	0.0180/0.0546	Pass
Diazinon	0.2	ND	0.00926/0.0300	Pass	Propiconazole	20	ND	0.0124/0.0375	Pass
Dichlorvos	Any amt	ND	0.00728/0.0300	Pass	Propoxur	Any amt	ND	0.00524/0.0300	Pass
Dimethoate	Any amt	ND	0.00650/0.0300	Pass	Pyrethrins	1	ND	0.00192/0.0300	Pass
Dimethomorph	20	ND	0.00871/0.0300	Pass	Pyridaben	3	ND	0.00547/0.0300	Pass
Ethoprophos	Any amt	ND	0.00391/0.0300	Pass	Spinetoram	3	ND	0.00295/0.0300	Pass
Etofenprox	Any amt	ND	0.00550/0.0300	Pass	Spinosad	3	ND	0.00275/0.0300	Pass
Etoxazole	1.5	ND	0.00349/0.0300	Pass	Spiromesifen	12	ND	0.00540/0.0300	Pass
Fenhexamid	10	ND	0.00833/0.0300	Pass	Spirotetramat	13	ND	0.00648/0.0300	Pass
Fenoxycarb	Any amt	ND	0.00572/0.0300	Pass	Spiroxamine	Any amt	ND	0.00264/0.0300	Pass
Fenpyroximate	2	ND	0.00549/0.0300	Pass	Tebuconazole	2	ND	0.00895/0.0300	Pass
Fipronil	Any amt	ND	0.00771/0.0300	Pass	Thiacloprid	Any amt	ND	0.00177/0.0300	Pass
Fonicamid	2	ND	0.0151/0.0458	Pass	Thiamethoxam	4.5	ND	0.00553/0.0300	Pass
Fludioxonil	30	ND	0.0158/0.0478	Pass	Trifloxystrobin	30	ND	0.00234/0.0300	Pass
Hexythiazox	2	ND	0.0102/0.0308	Pass					

Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.



*DM*