

# Certificate of Analysis

Produced: Dec 04, 2025

**Sample:** Full Spectrum CBD Balm 8,000mg 2oz (Topical) • **Client:** Neurogan Inc. • **Batch:** Pass



**Batch No.:** DK24-6004  
**Matrix:** Topical  
**Sample ID:** ICC-251125-34-001  
**Collected on:** Nov 25, 2025  
**Received on:** Nov 25, 2025  
**Sample Size:**  
**Package Size:** 62.04 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		

### Cannabinoid Overview

<b>Total THC:</b>	<b>138 mg/pkg</b>
<b>Total CBD:</b>	<b>8440 mg/pkg</b>
<b>Total Cannabinoids:</b>	<b>9060 mg/pkg</b>
<b>Sum of Cannabinoids:</b>	<b>9050 mg/pkg</b>

### POT-INST-005: POT-INST-005: Potency • Dec 01, 2025

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBC	120	0.193	1.93	0.139/0.416	N/A	CBT	228	0.368	3.68	0.0602/0.210	N/A
CBD	8440	13.6	136	0.0424/0.210	N/A	Δ <sup>8</sup> -THC		ND	ND	0.0340/0.210	N/A
CBDA		ND	ND	0.102/0.304	N/A	Δ <sup>9</sup> -THC	138	0.222	2.22	0.0562/0.210	N/A
CBDV	86.2	0.139	1.39	0.0337/0.210	N/A	THCA		ND	ND	0.0772/0.232	N/A
CBG		ND	ND	0.0479/0.210	N/A	THCV		ND	ND	0.0260/0.210	N/A
CBGA		ND	ND	0.0748/0.225	N/A	<b>Total THC**</b>	138	0.222	2.22		N/A
CBL		ND	ND	0.0331/0.210	N/A	<b>Total CBD**</b>	8440	13.6	136		N/A
CBN	43.2	0.0696	0.696	0.0479/0.210	N/A	<b>Total Cannabinoids**</b>	9050	14.6	146		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-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS • Dec 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
1,2-Dichloroethane	1	ND	0.167/0.509	Pass	Hexane	290	ND	0.0660/0.281	Pass
Acetone	5000	ND	17.1/51.2	Pass	Isopropyl alcohol		ND	1.28/3.84	N/A
Acetonitrile	410	ND	0.120/0.359	Pass	Methanol	3000	ND	2.97/8.92	Pass
Benzene	1	ND	0.0210/0.0639	Pass	Methylene chloride	1	ND	0.127/0.729	Pass
Butane	5000	ND	0.971/4.85	Pass	Pentane	5000	ND	0.962/4.27	Pass
Chloroform	1	ND	0.0360/0.108	Pass	Propane	5000	ND	4.43/13.3	Pass
Ethanol		ND	2.61/7.84	N/A	Toluene	890	< LOQ	0.0880/0.864	Pass
Ethyl acetate	5000	ND	0.313/2.29	Pass	Trichloroethylene	1	ND	0.0180/0.145	Pass
Ethylene oxide	1	ND	0.153/0.579	Pass	o-Xylene		ND	0.101/0.857	N/A
Ethyl ether	5000	ND	1.18/3.55	Pass	p- and m-Xylene		ND	0.115/1.71	N/A
Heptane	5000	41.8	0.687/2.86	Pass	Total xylenes	2170	ND		Pass

**HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Dec 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
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-INST-001, MICRO-PREP-001: MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable) • Dec 03, 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

**PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Dec 04, 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

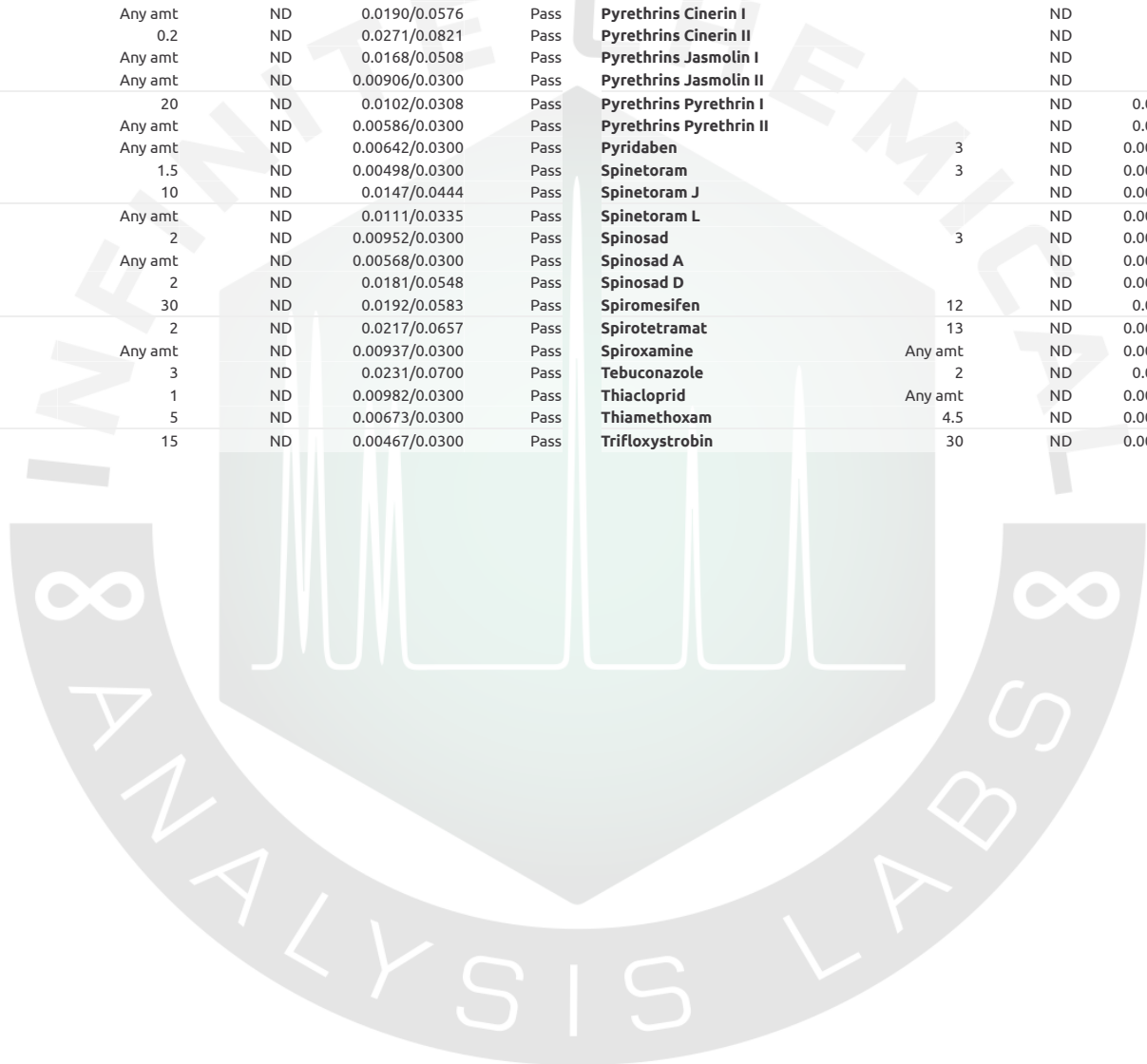
**PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Dec 04, 2025**

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-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Dec 04, 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	Methiocarb	Any amt	ND	0.00956/0.0300	Pass
Abamectin Ba		ND	0.0330/0.0990	N/A	Methomyl	0.1	ND	0.0105/0.0318	Pass
Acephate	5	ND	0.00629/0.0300	Pass	Mevinphos	Any amt	ND	0.0133/0.0404	Pass
Acetaminocyl	4	ND	0.0280/0.0848	Pass	Myclobutanil	9	ND	0.00963/0.0300	Pass
Acetamiprid	5	ND	0.00718/0.0300	Pass	Naled	0.5	ND	0.0116/0.0350	Pass
Aldicarb	Any amt	ND	0.00997/0.0302	Pass	Oxamyl	0.2	ND	0.0103/0.0311	Pass
Azoxystrobin	40	ND	0.00400/0.0300	Pass	Paclobutrazol	Any amt	ND	0.0111/0.0337	Pass
Bifenazate	5	ND	0.00787/0.0300	Pass	Permethrin	20	0.0724	0.00396/0.0300	Pass
Bifenthrin	0.5	ND	0.0162/0.0490	Pass	Permethrin cis		ND	0.0200/0.0300	N/A
Boscalid	10	ND	0.0106/0.0321	Pass	Permethrin trans		0.0724	0.0200/0.0300	N/A
Carbaryl	0.5	ND	0.00614/0.0300	Pass	Phosmet	0.2	ND	0.00807/0.0300	Pass
Carbofuran	Any amt	ND	0.00384/0.0300	Pass	Piperonylbutoxide	8	< LOQ	0.00869/0.0300	Pass
Chlorantraniliprole	40	ND	0.00657/0.0300	Pass	Prallethrin	0.4	ND	0.0204/0.0618	Pass
Chlorpyrifos	Any amt	ND	0.0108/0.0327	Pass	Propiconazole	20	ND	0.0210/0.0637	Pass
Clofentezine	0.5	ND	0.00595/0.0300	Pass	Propoxur	Any amt	ND	0.00656/0.0300	Pass
Coumaphos	Any amt	ND	0.00712/0.0300	Pass	Pyrethrins	1	ND	0.00357/0.0300	Pass
Daminozide	Any amt	ND	0.0190/0.0576	Pass	Pyrethrins Cinerin I		ND		N/A
Diazinon	0.2	ND	0.0271/0.0821	Pass	Pyrethrins Cinerin II		ND		N/A
Dichlorvos	Any amt	ND	0.0168/0.0508	Pass	Pyrethrins Jasmolin I		ND		N/A
Dimethoate	Any amt	ND	0.00906/0.0300	Pass	Pyrethrins Jasmolin II		ND		N/A
Dimethomorph	20	ND	0.0102/0.0308	Pass	Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Ethoprophos	Any amt	ND	0.00586/0.0300	Pass	Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Etofenprox	Any amt	ND	0.00642/0.0300	Pass	Pyridaben	3	ND	0.00834/0.0300	Pass
Etoxazole	1.5	ND	0.00498/0.0300	Pass	Spinetoram	3	ND	0.00317/0.0300	Pass
Fenhexamid	10	ND	0.0147/0.0444	Pass	Spinetoram J		ND	0.00500/0.0100	N/A
Fenoxycarb	Any amt	ND	0.0111/0.0335	Pass	Spinetoram L		ND	0.00500/0.0100	N/A
Fenpyroximate	2	ND	0.00952/0.0300	Pass	Spinosad	3	ND	0.00302/0.0300	Pass
Fipronil	Any amt	ND	0.00568/0.0300	Pass	Spinosad A		ND	0.00500/0.0100	N/A
Flonicamid	2	ND	0.0181/0.0548	Pass	Spinosad D		ND	0.00500/0.0100	N/A
Fludioxonil	30	ND	0.0192/0.0583	Pass	Spiromesifen	12	ND	0.0103/0.0311	Pass
Hexythiazox	2	ND	0.0217/0.0657	Pass	Spirotetramat	13	ND	0.00992/0.0301	Pass
Imazalil	Any amt	ND	0.00937/0.0300	Pass	Spiroxamine	Any amt	ND	0.00395/0.0300	Pass
Imidacloprid	3	ND	0.0231/0.0700	Pass	Tebuconazole	2	ND	0.0213/0.0645	Pass
Kresoxim-methyl	1	ND	0.00982/0.0300	Pass	Thiacloprid	Any amt	ND	0.00348/0.0300	Pass
Malathion	5	ND	0.00673/0.0300	Pass	Thiamethoxam	4.5	ND	0.00914/0.0300	Pass
Metalaxyl	15	ND	0.00467/0.0300	Pass	Trifloxystrobin	30	ND	0.00378/0.0300	Pass



*DM*