

# Certificate of Analysis

Produced: Apr 20, 2026

Sample: Full Spectrum THC Oil, 300mg, Citrus, 120ml PL (Tincture) • Client: Hempgan Wellness, LLC • Batch: Pass



**Matrix:** Tincture  
**Density:** 0.944 g/ml  
**Sample ID:** ICC-260413-05-002  
**Collected on:** Apr 13, 2026  
**Received on:** Apr 13, 2026  
**Sample Size:**  
**Package Size:** 113.44 g  
**Serving Size:** 0.95 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>1.98 mg/srv</b>
<b>Total CBD:</b>	<b>66.4 mg/srv</b>
<b>Total Cannabinoids:</b>	<b>78.4 mg/srv</b>
<b>Sum of Cannabinoids:</b>	<b>78.3 mg/srv</b>

### POT-INST-005: POT-INST-005: Potency • Apr 15, 2026 14:26:00 PDT

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Uncertainty	Amt (mg/ml)	LOD/LOQ (mg/ml)	Pass/Fail	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Uncertainty	Amt (mg/ml)	LOD/LOQ (mg/ml)	Pass/Fail
CBC	3.47	414	0.365	± 0.00460 %	3.45	0.0230/0.0691	N/A	CBT	2.95	353	0.311	± 0.00289 %	2.94	0.0100/0.0349	N/A
CBD	66.4	7930	6.99	± 0.0692 %	66.0	0.00705/0.0349	N/A	Δ <sup>8</sup> -THC			ND	N/A	ND	0.00565/0.0349	N/A
CBDA			ND	N/A	ND	0.0169/0.0506	N/A	Δ <sup>9</sup> -THC	1.98	236	0.208	± 0.00217 %	1.96	0.00933/0.0349	N/A
CBDV	0.710	84.7	0.0747	± 0.000679 %	0.705	0.00559/0.0349	N/A	THCA			ND	N/A	ND	0.0128/0.0384	N/A
CBG	1.78	212	0.187	± 0.00195 %	1.77	0.00796/0.0349	N/A	THCV			ND	N/A	ND	0.00431/0.0349	N/A
CBGA			ND	N/A	ND	0.0125/0.0373	N/A	<b>Total THC**</b>	1.98	236	0.208	± 0.00217 %	1.96		N/A
CBL	0.224	26.8	0.0236	± 0.000327 %	0.223	0.00550/0.0349	N/A	<b>Total CBD**</b>	66.4	7930	6.99	± 0.0692 %	66.0		N/A
CBN	0.833	99.5	0.0877	± 0.000623 %	0.828	0.00796/0.0349	N/A	<b>Total Cannabinoids*</b>	78.3	9360	8.25		77.9		N/A

\* Beyond scope of accreditation

\*\* 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.



*Erik Paulson*

**RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS • Apr 17, 2026 15:36:00 PDT**

Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dichloroethane	1	ND	N/A	0.166/0.506	Pass
Acetone	5000	ND	N/A	17.0/50.9	Pass
Acetonitrile	410	ND	N/A	0.119/0.357	Pass
Benzene	1	ND	N/A	0.0209/0.0635	Pass
Butane	5000	ND	N/A	0.965/4.82	Pass
Chloroform	1	ND	N/A	0.0358/0.107	Pass
Ethanol	5000	ND	N/A	2.60/7.79	Pass
Ethyl acetate	5000	ND	N/A	0.311/2.27	Pass
Ethylene oxide	1	ND	N/A	0.152/0.575	Pass
Ethyl ether	5000	ND	N/A	1.18/3.53	Pass
Heptane	5000.0889	5.37	± 0.0889 µg/g	0.683/2.84	Pass

Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail
Hexane	290	ND	N/A	0.0656/0.279	Pass
Isopropyl alcohol	5000.0951	5.93	± 0.0951 µg/g	1.27/3.82	Pass
Methanol	3000	ND	N/A	2.95/8.86	Pass
Methylene chloride	1	ND	N/A	0.126/0.724	Pass
Pentane	5000	< LOQ	N/A	0.956/4.24	Pass
Propane	5000	ND	N/A	4.41/13.2	Pass
Toluene	890.0136	0.860	± 0.0136 µg/g	0.0875/0.859	Pass
Trichloroethylene	1	ND	N/A	0.0179/0.144	Pass
o-Xylene		ND	N/A	0.100/0.852	N/A
p- and m-Xylene		ND	N/A	0.115/1.70	N/A
Total xylenes	2170	ND		0.100/0.853	Pass

**HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Apr 17, 2026 12:52:00 PDT**

Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	1.5	ND	N/A	0.00300/0.00900	Pass
Cadmium	0.5	ND	N/A	0.00100/0.00200	Pass

Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail
Lead	0.5	ND	N/A	0.00100/0.00400	Pass
Mercury	3	ND	N/A	0.00500/0.0140	Pass

**MICRO-008, MICRO-INST-001, MICRO-PREP-001: MICRO-008, MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable) • Apr 20, 2026 17:33:00 PDT**

Analyte	Limit	Amt	Pass/Fail
Salmonella spp.	Any amt in 1 gram	ND	Pass

Analyte	Limit	Amt	Pass/Fail
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 • Apr 17, 2026 19:04:00 PDT**

Analyte	Limit (µg/kg)	Amt (µg/kg)	Uncertainty	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	N/A	2.05/6.20	N/A
Aflatoxin B2		ND	N/A	1.63/5.00	N/A
Aflatoxin G1		ND	N/A	1.77/5.38	N/A

Analyte	Limit (µg/kg)	Amt (µg/kg)	Uncertainty	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin G2		ND	N/A	1.02/5.00	N/A
Aflatoxins	20	ND	N/A		Pass
Ochratoxin A	20	ND	N/A	5.42/16.4	Pass

**PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Apr 17, 2026 15:42:00 PDT**

Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail
Captan	5	ND	N/A	0.120/0.358	Pass
Chlordane	Any amt	ND	N/A	0.0249/0.0747	Pass
Chlorfenapyr	Any amt	ND	N/A	0.0251/0.0753	Pass
Cyfluthrin	1	ND	N/A	0.0186/0.0558	Pass

Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail
Cypermethrin	1	ND	N/A	0.0145/0.0435	Pass
Methyl parathion	Any amt	ND	N/A	0.00811/0.0243	Pass
Pentachloronitrobenzene	0.2	ND	N/A	0.0182/0.0545	Pass



*Erik Paulson*

**PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Apr 17, 2026 19:05:00 PDT**

Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	0.3	ND		0.0500/0.100	Pass	Methiocarb	Any amt	ND	N/A	0.00542/0.0300	Pass
Abamectin Ba		ND	N/A	0.0330/0.0990	N/A	Methomyl	0.1	ND	N/A	0.00645/0.0300	Pass
Acephate	5	ND	N/A	0.0209/0.0635	Pass	Mevinphos	Any amt	ND	N/A	0.0105/0.0319	Pass
Acequinocyl	4	ND	N/A	0.0115/0.0347	Pass	Myclobutanil	9	ND	N/A	0.00735/0.0300	Pass
Acetamiprid	5	ND	N/A	0.00581/0.0300	Pass	Naled	0.5	ND	N/A	0.00459/0.0300	Pass
Aldicarb	Any amt	ND	N/A	0.00935/0.0300	Pass	Oxamyl	0.2	ND	N/A	0.00850/0.0300	Pass
Azoxystrobin	40	< LOQ	N/A	0.00322/0.0300	Pass	Paclobutrazol	Any amt	ND	N/A	0.00577/0.0300	Pass
Bifenazate	5	ND	N/A	0.00473/0.0300	Pass	Permethrin	20	ND		0.00178/0.0300	Pass
Bifenthrin	0.5	ND	N/A	0.00583/0.0300	Pass	Permethrin cis		ND	N/A	0.0200/0.0300	N/A
Boscalid	10	ND	N/A	0.00747/0.0300	Pass	Permethrin trans		ND	N/A	0.0200/0.0300	N/A
Carbaryl	0.5	ND	N/A	0.00404/0.0300	Pass	Phosmet	0.2	ND	N/A	0.00527/0.0300	Pass
Carbofuran	Any amt	ND	N/A	0.00239/0.0300	Pass	Piperonylbutoxide	8	ND	N/A	0.00635/0.0300	Pass
Chlorantraniliprole	40	ND	N/A	0.00563/0.0300	Pass	Prallethrin	0.4	ND	N/A	0.0180/0.0546	Pass
Chlorpyrifos	Any amt	ND	N/A	0.00807/0.0300	Pass	Propiconazole	20	ND	N/A	0.0124/0.0375	Pass
Clofentezine	0.5	ND	N/A	0.00464/0.0300	Pass	Propoxur	Any amt	ND	N/A	0.00524/0.0300	Pass
Coumaphos	Any amt	ND	N/A	0.00463/0.0300	Pass	Pyrethrins	1	ND		0.00192/0.0300	Pass
Daminozide	Any amt	ND	N/A	0.0107/0.0325	Pass	Pyrethrins Cinerin I		ND	N/A		N/A
Diazinon	0.2	ND	N/A	0.00926/0.0300	Pass	Pyrethrins Cinerin II		ND	N/A		N/A
Dichlorvos	Any amt	ND	N/A	0.00728/0.0300	Pass	Pyrethrins Jasmolin I		ND	N/A		N/A
Dimethoate	Any amt	ND	N/A	0.00650/0.0300	Pass	Pyrethrins Jasmolin II		ND	N/A		N/A
Dimethomorph	20	ND	N/A	0.00871/0.0300	Pass	Pyrethrins Pyrethrin I		ND	N/A	0.0100/0.0450	N/A
Ethoprophos	Any amt	ND	N/A	0.00391/0.0300	Pass	Pyrethrins Pyrethrin II		ND	N/A	0.0100/0.0300	N/A
Etofenprox	Any amt	ND	N/A	0.00550/0.0300	Pass	Pyridaben	3	ND	N/A	0.00547/0.0300	Pass
Etoxazole	1.5	ND	N/A	0.00349/0.0300	Pass	Spinetoram	3	ND		0.00295/0.0300	Pass
Fenhexamid	10	ND	N/A	0.00833/0.0300	Pass	Spinetoram J		ND	N/A	0.00500/0.0100	N/A
Fenoxycarb	Any amt	ND	N/A	0.00572/0.0300	Pass	Spinetoram L		ND	N/A	0.00500/0.0100	N/A
Fenpyroximate	2	ND	N/A	0.00549/0.0300	Pass	Spinosad	3	ND		0.00275/0.0300	Pass
Fipronil	Any amt	ND	N/A	0.00771/0.0300	Pass	Spinosad A		ND	N/A	0.00500/0.0100	N/A
Fonicamid	2	ND	N/A	0.0151/0.0458	Pass	Spinosad D		ND	N/A	0.00500/0.0100	N/A
Fludioxonil	30	ND	N/A	0.0158/0.0478	Pass	Spiromesifen	12	ND	N/A	0.00540/0.0300	Pass
Hexythiazox	2	ND	N/A	0.0102/0.0308	Pass	Spirotetramat	13	ND	N/A	0.00648/0.0300	Pass
Imazalil	Any amt	ND	N/A	0.00863/0.0300	Pass	Spiroxamine	Any amt	ND	N/A	0.00264/0.0300	Pass
Imidacloprid	3	ND	N/A	0.00861/0.0300	Pass	Tebuconazole	2	ND	N/A	0.00895/0.0300	Pass
Kresoxim-methyl	1	ND	N/A	0.00703/0.0300	Pass	Thiacloprid	Any amt	ND	N/A	0.00177/0.0300	Pass
Malathion	5	ND	N/A	0.00485/0.0300	Pass	Thiamethoxam	4.5	ND	N/A	0.00553/0.0300	Pass
Metalaxyl	15	ND	N/A	0.00340/0.0300	Pass	Trifloxystrobin	30	ND	N/A	0.00234/0.0300	Pass

**Accreditations**



**PJLA Accredited**

**PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS / PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS**

Abamectin, Abamectin Ba, Acephate, Acequinocyl, Acetamiprid, Aldicarb, Azoxystrobin, Bifenazate, Bifenthrin, Boscalid, Captan, Carbaryl, Carbofuran, Chlorantraniliprole, Chlordane, Chlorfenapyr, Chlorpyrifos, Clofentezine, Coumaphos, Cyfluthrin, Cypermethrin, Daminozide, Diazinon, Dichlorvos, Dimethoate, Dimethomorph, Ethoprophos, Etofenprox, Etoxazole, Fenhexamid, Fenoxycarb, Fenpyroximate, Fipronil, Fonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Kresoxim-methyl, MGK-264, MGK-264 I, MGK-264 II, Malathion, Metalaxyl, Methiocarb, Methomyl, Methyl parathion, Mevinphos, Myclobutanil, Naled, Oxamyl, Paclobutrazol, Pentachloronitrobenzene, Permethrin, Permethrin cis, Permethrin trans, Phosmet, Piperonylbutoxide, Prallethrin, Propiconazole, Propoxur, Pyrethrins, Pyrethrins Cinerin I, Pyrethrins Cinerin II, Pyrethrins Jasmolin I, Pyrethrins Jasmolin II, Pyrethrins Pyrethrin I, Pyrethrins Pyrethrin II, Pyridaben, Quintozene, Spinetoram, Spinetoram J, Spinetoram L, Spinosad, Spinosad A, Spinosad D, Spiromesifen, Spirotetramat, Spiroxamine, Spiroxamine A, Spiroxamine B, Tebuconazole, Thiacloprid, Thiamethoxam, Trifloxystrobin, alpha-Chlordane, gamma-Chlordane

**RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS**

1,2-Dichloroethane, 2-Propanol, Acetone, Acetonitrile, Benzene, Butane, Chloroform, Dichloromethane, Ethanol, Ethyl acetate, Ethyl ether, Ethylene oxide, Heptane, Hexane, Isopropyl alcohol, Methanol, Methylene chloride, Pentane, Propane, Toluene, Total xylenes, Trichloroethene, Trichloroethylene, m-Xylene, o- and p-Xylene, o-Xylene, p- and m-Xylene, p-Xylene

**MICRO-008, MICRO-INST-001, MICRO-PREP-001: MICRO-008, MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable)**

Aerobic Bacteria, Aspergillus flavus, Aspergillus fumigatus, Aspergillus niger, Aspergillus terreus, Coliforms, Escherichia coli, Salmonella spp., Shiga toxin-producing E. coli, Total Plate Count, Yeast & Mold

**FOREIGN-001: FOREIGN-001: Filth and Foreign Material**

Cinders, Dirt, Foreign Matter, Imbedded Foreign Material, Insect Fragments, Insect Fragments, Hair, Mammal Excrement, Mammal Excrement, Mold, Rodent Hair, Sand, Sand, Soil, Cinders, Dirt, Soil

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

CBC, CBCA, CBCV, CBD, CBDA, CBDV, CBDVA, CBG, CBGA, CBL, CBLA, CBN, CBNA, CBT, Delta-8-THC, Delta-9-THC, THCA, THCV, THCVA, Total CBD, Total THC

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

Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Aflatoxins, Ochratoxin A

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

Arsenic, Cadmium, Lead, Mercury



*DM*

*Erik Paulson*