

# Certificate of Analysis

Produced: Apr 23, 2026

Sample: Willie;'s Remedy+ THC Infused 10mg (Edible Liquid) • Client: GSM/ND • Batch: Pass



Batch No.: STHN052A1

Matrix: Edible Liquid

Density: 1.0337 g/ml

Sample ID: ICC-260415-13-001

Collected on: Apr 15, 2026

Received on: Apr 15, 2026

Sample Size: 4 Units

Package Size: 60.35 g

Serving Size: 60.35 g

The material submitted for testing: not created by chemical synthesis, modification or chemical conversion from another cannabinoid utilizing non-cannabis material.

Batch Result: Pass

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

### Cannabinoid Overview

Total THC:	10.6 mg/srv
Total CBD:	2.05 mg/srv
Total Cannabinoids:	14.9 mg/srv
Sum of Cannabinoids:	14.9 mg/srv

### POT-INST-005: POT-INST-005: Potency • Apr 20, 2026 11:43:00 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			ND	N/A	ND	0.00114/0.00341	N/A	CBT			ND	N/A	ND0.000494/0.00173	N/A	
CBD	2.05	2.05	0.00340	± 0.0000336 %	0.0351	0.000348/0.00173	N/A	Δ <sup>8</sup> -THC			ND	N/A	ND0.000279/0.00173	N/A	
CBDA			ND	N/A	ND	0.000833/0.00250	N/A	Δ <sup>9</sup> -THC	10.6	10.6	0.0175	± 0.000183 %	0.1810.000461/0.00173	N/A	
CBDV			ND	N/A	ND	0.000276/0.00173	N/A	THCA			ND	N/A	ND0.000634/0.00190	N/A	
CBG	2.28	2.28	0.00377	± 0.0000392 %	0.0390	0.000393/0.00173	N/A	THCV			ND	N/A	ND0.000213/0.00173	N/A	
CBGA			ND	N/A	ND	0.000614/0.00184	N/A	Total THC**	10.6	10.6	0.0175	± 0.000183 %	0.181	N/A	
CBL			ND	N/A	ND	0.000272/0.00173	N/A	Total CBD**	2.05	2.050	0.00340	0.0000336 %	0.0351	N/A	
CBN			ND	N/A	ND	0.000393/0.00173	N/A	Total Cannabinoids*	14.9	14.9	0.0247		0.255	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.



**RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS • Apr 17, 2026 13:17:00 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
1,2-Dichloroethane	1	ND	N/A	0.166/0.505	Pass	Hexane	290	ND	N/A	0.0655/0.279	Pass
Acetone	5000	ND	N/A	16.9/50.8	Pass	Isopropyl alcohol	5000	ND	N/A	1.27/3.81	Pass
Acetonitrile	410	ND	N/A	0.119/0.356	Pass	Methanol	3000.493	34.0	± 0.493 µg/g	2.95/8.85	Pass
Benzene	1	ND	N/A	0.0208/0.0634	Pass	Methylene chloride	1	ND	N/A	0.126/0.723	Pass
Butane	5000	ND	N/A	0.963/4.81	Pass	Pentane	5000	ND	N/A	0.954/4.24	Pass
Chloroform	1	ND	N/A	0.0357/0.107	Pass	Propane	5000	ND	N/A	4.40/13.2	Pass
Ethanol	5013	873	± 13.0 µg/g	2.59/7.78	Pass	Toluene	890	ND	N/A	0.0873/0.857	Pass
Ethyl acetate	5000	ND	N/A	0.311/2.27	Pass	Trichloroethylene	1	ND	N/A	0.0179/0.144	Pass
Ethylene oxide	1	ND	N/A	0.152/0.574	Pass	o-Xylene	ND	ND	N/A	0.0999/0.850	N/A
Ethyl ether	5000	ND	N/A	1.17/3.52	Pass	p- and m-Xylene	ND	ND	N/A	0.114/1.70	N/A
Heptane	5000	ND	N/A	0.682/2.84	Pass	Total xylenes	2170	ND		0.100/0.851	Pass

**HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Apr 16, 2026 12:19:00 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
Arsenic	1.5	ND	N/A	0.00300/0.00900	Pass	Lead	0.5	ND	N/A	0.00100/0.00400	Pass
Cadmium	0.5	ND	N/A	0.00100/0.00200	Pass	Mercury	3	ND	N/A	0.00500/0.0140	Pass

**MICR-002: MICR-002: Petrifilm-Coliforms • Apr 16, 2026 15:56:00 PDT**

Analyte	Limit	Amt (CFU/g)	Pass/Fail
Coliforms		ND	N/A

**Petrifilm- Staphylococcus aureus • Apr 16, 2026 15:57:00 PDT**

Analyte	Limit	Amt	Pass/Fail
Staphylococcus aureus*		ND	N/A

\* Beyond scope of accreditation

**MICRO-008, MICRO-INST-001, MICRO-PREP-001: MICRO-008, MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable) • Apr 17, 2026 11:34:00 PDT**

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

**MICR-002: MICR-002: Petrifilm-Aerobic • Apr 17, 2026 15:46:00 PDT**

Analyte	Limit	Amt	Pass/Fail
Aerobic Bacteria		10.0	N/A

**MICR-005, MICR-006: MICR-005, MICR-006: Petrifilm-Rapid Yeast & Mold • Apr 17, 2026 15:48:00 PDT**

Analyte	Limit	Amt	Pass/Fail
Yeast & Mold		ND	N/A

**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 13:50:00 PDT**

Analyte	Limit (µg/kg)	Amt (µg/kg)	Uncertainty	LOD/LOQ (µg/kg)	Pass/Fail	Analyte	Limit (µg/kg)	Amt (µg/kg)	Uncertainty	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	N/A	2.60/7.88	N/A	Aflatoxin G2		ND	N/A	1.89/5.72	N/A
Aflatoxin B2		ND	N/A	2.04/6.18	N/A	Aflatoxins	20	ND			Pass
Aflatoxin G1		ND	N/A	2.97/8.99	N/A	Ochratoxin A	20	ND	N/A	3.87/11.7	Pass



*DU*

*Erik Paul*

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 15:31:00 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
Captan	5	ND	N/A	0.120/0.358	Pass	Cypermethrin	1	ND	N/A	0.0145/0.0435	Pass
Chlordane	Any amt	ND	N/A	0.0249/0.0747	Pass	Methyl parathion	Any amt	ND	N/A	0.00811/0.0243	Pass
Chlorfenapyr	Any amt	ND	N/A	0.0251/0.0753	Pass	Pentachloronitrobenzene	0.2	ND	N/A	0.0182/0.0545	Pass
Cyfluthrin	1	ND	N/A	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 • Apr 17, 2026 13:51:00 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	0.0156/0.0473	Pass
Abamectin Ba		ND	N/A	0.0330/0.0990	N/A	Methomyl	0.1	ND	N/A	0.0158/0.0479	Pass
Acephate	5	ND	N/A	0.0164/0.0497	Pass	Mevinphos	Any amt	ND	N/A	0.0139/0.0423	Pass
Acequinocyl	4	ND	N/A	0.0194/0.0587	Pass	Myclobutanil	9	ND	N/A	0.0180/0.0546	Pass
Acetamiprid	5	ND	N/A	0.0146/0.0442	Pass	Naled	0.5	ND	N/A	0.0170/0.0514	Pass
Aldicarb	Any amt	ND	N/A	0.0216/0.0654	Pass	Oxamyl	0.2	ND	N/A	0.0153/0.0465	Pass
Azoxystrobin	40	ND	N/A	0.00960/0.0291	Pass	Pacllobutrazol	Any amt	ND	N/A	0.0132/0.0400	Pass
Bifenazate	5	ND	N/A	0.0115/0.0349	Pass	Permethrin	20	ND		0.00831/0.0300	Pass
Bifenthrin	0.5	ND	N/A	0.0130/0.0395	Pass	Permethrin cis		ND	N/A	0.0200/0.0300	N/A
Boscalid	10	ND	N/A	0.0197/0.0596	Pass	Permethrin trans		ND	N/A	0.0200/0.0300	N/A
Carbaryl	0.5	ND	N/A	0.0160/0.0486	Pass	Phosmet	0.2	ND	N/A	0.0125/0.0377	Pass
Carbofuran	Any amt	ND	N/A	0.00902/0.0300	Pass	Piperonylbutoxide	8	ND	N/A	0.00759/0.0300	Pass
Chlorantraniliprole	40	ND	N/A	0.0209/0.0632	Pass	Prallethrin	0.4	ND	N/A	0.0226/0.0685	Pass
Chlorpyrifos	Any amt	ND	N/A	0.0176/0.0534	Pass	Propiconazole	20	ND	N/A	0.0195/0.0590	Pass
Clofentezine	0.5	ND	N/A	0.0129/0.0389	Pass	Propoxur	Any amt	ND	N/A	0.0155/0.0471	Pass
Coumaphos	Any amt	ND	N/A	0.0185/0.0559	Pass	Pyrethrins	1	ND		0.00431/0.0300	Pass
Daminozide	Any amt	ND	N/A	0.0261/0.0791	Pass	Pyrethrins Cinerin I		ND	N/A		N/A
Diazinon	0.2	ND	N/A	0.00645/0.0300	Pass	Pyrethrins Cinerin II		ND	N/A		N/A
Dichlorvos	Any amt	ND	N/A	0.0223/0.0674	Pass	Pyrethrins Jasmolin I		ND	N/A		N/A
Dimethoate	Any amt	ND	N/A	0.0118/0.0356	Pass	Pyrethrins Jasmolin II		ND	N/A		N/A
Dimethomorph	20	ND	N/A	0.0137/0.0416	Pass	Pyrethrins Pyrethrin I		ND	N/A	0.0100/0.0450	N/A
Ethoprophos	Any amt	ND	N/A	0.0174/0.0528	Pass	Pyrethrins Pyrethrin II		ND	N/A	0.0100/0.0300	N/A
Etofenprox	Any amt	ND	N/A	0.00849/0.0300	Pass	Pyridaben	3	ND	N/A	0.0115/0.0350	Pass
Etoxazole	1.5	ND	N/A	0.00783/0.0300	Pass	Spinetoram	3	ND		0.00639/0.0300	Pass
Fenhexamid	10	ND	N/A	0.0129/0.0392	Pass	Spinetoram J		ND	N/A	0.00500/0.0100	N/A
Fenoxycarb	Any amt	ND	N/A	0.0144/0.0435	Pass	Spinetoram L		ND	N/A	0.00500/0.0100	N/A
Fenpyroximate	2	ND	N/A	0.00972/0.0300	Pass	Spinosad	3	ND		0.00410/0.0300	Pass
Fipronil	Any amt	ND	N/A	0.0148/0.0447	Pass	Spinosad A		ND	N/A	0.00500/0.0100	N/A
Fonicamid	2	ND	N/A	0.0268/0.0811	Pass	Spinosad D		ND	N/A	0.00500/0.0100	N/A
Fludioxonil	30	ND	N/A	0.0153/0.0464	Pass	Spiromesifen	12	ND	N/A	0.0137/0.0416	Pass
Hexythiazox	2	ND	N/A	0.0257/0.0778	Pass	Spirotetramat	13	ND	N/A	0.0134/0.0407	Pass
Imazalil	Any amt	ND	N/A	0.0156/0.0474	Pass	Spiroxamine	Any amt	ND	N/A	0.0106/0.0320	Pass
Imidacloprid	3	ND	N/A	0.0235/0.0711	Pass	Tebuconazole	2	ND	N/A	0.0144/0.0437	Pass
Kresoxim-methyl	1	ND	N/A	0.0125/0.0379	Pass	Thiacloprid	Any amt	ND	N/A	0.0139/0.0421	Pass
Malathion	5	ND	N/A	0.0117/0.0354	Pass	Thiamethoxam	4.5	ND	N/A	0.0181/0.0549	Pass
Metalaxyl	15	ND	N/A	0.0101/0.0306	Pass	Trifloxystrobin	30	ND	N/A	0.0102/0.0310	Pass







**PJLA Accredited**

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

Abamectin Ba, Acephate, Acequinocyl, Acetamidiprid, 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, Flonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Kresoxim-methyl, 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, Thiachloprid, 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

**MICR-002: MICR-002: Petrifilm-Coliforms / Petrifilm- Staphylococcus aureus / MICRO-008, MICRO-INST-001, MICRO-PREP-001: MICRO-008, MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable) / MICR-002: MICR-002: Petrifilm-Aerobic / MICR-005, MICR-006: MICR-005, MICR-006: Petrifilm-Rapid Yeast & Mold**

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

