

Certificate of Analysis

Produced: Jul 17, 2026

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



Batch No.: NSTHN102A1
Matrix: Edible Liquid
Density: 1.0337 g/ml
Sample ID: ICC-260710-12-001
Collected on: Jul 10, 2026
Received on: Jul 10, 2026
Sample Size: 4 Units
Package Size: 61.14 g
Serving Size: 61.14 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	Microbial	Pass
Terpenes	Tested	Mycotoxins	Pass
Solvents	Pass	Pesticides	Pass
Metals	Pass	Foreign	Pass

Cannabinoid Overview

Total THC:	10.4 mg/srv
Total CBD:	2.05 mg/srv
Total Cannabinoids:	14.7 mg/srv
Sum of Cannabinoids:	14.7 mg/srv

POT-INST-005: POT-INST-005: Potency • Jul 17, 2026

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	0.00114/0.00340	N/A	CBT			ND	N/A	ND0.000491/0.00172		N/A
CBD	2.05	2.05	0.00336 ± 0.0000333 %		0.0347	0.000346/0.00172	N/A	Δ ⁸ -THC			ND	N/A	ND0.000278/0.00172		N/A
CBDA			ND	N/A	ND	0.000828/0.00248	N/A	Δ ⁹ -THC	10.4	10.4	0.0170 ± 0.000177 %		0.1760.000458/0.00172		N/A
CBDV			ND	N/A	ND	0.000275/0.00172	N/A	THCA			ND	N/A	ND0.000630/0.00189		N/A
CBG	2.26	2.26	0.00370 ± 0.0000385 %		0.0382	0.000391/0.00172	N/A	THCV			ND	N/A	ND0.000212/0.00172		N/A
CBGA			ND	N/A	ND	0.000610/0.00183	N/A	Total THC**	10.4	10.4	0.0170 ± 0.000177 %		0.176		N/A
CBL			ND	N/A	ND	0.000270/0.00172	N/A	Total CBD**	2.05	2.050.00336	0.0000333 %		0.0347		N/A
CBN			ND	N/A	ND	0.000391/0.00172	N/A	Total Cannabinoids*	14.7	14.7	0.0241		0.249		N/A

* Beyond scope of accreditation
** Total Cannabinoids = Neutral Cannabinoids + (Acidic Cannabinoids * 0.877)
** Total THC = (THCA x 0.877) + Delta-9-THC
** Total CBD = (CBDA x 0.877) + CBD
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 • Jul 17, 2026

Analyte	Amt (%)	Uncertainty	Amt	LOD/LOQ (mg/g)	Analyte	Amt (%)	Uncertainty	Amt	LOD/LOQ (mg/g)
Total Terpenes*	ND		ND		cis-Nerolidol	ND	N/A	ND	0.00943/0.0283
(-)-β-Citronellol	ND	N/A	ND	0.0139/0.0602	Δ ³ -Carene	ND	N/A	ND	0.00143/0.0308
α-Bisabolol	ND	N/A	ND	0.00675/0.0202	Eucalyptol	ND	N/A	ND	0.00722/0.0217
α-Cedrene	ND	N/A	ND	0.00416/0.0152	Fenchol	ND	N/A	ND	0.00110/0.0153
α-Humulene	ND	N/A	ND	0.00103/0.0152	Fenchone	ND	N/A	ND	0.000692/0.0153
α-Pinene	ND	N/A	ND	0.00262/0.0152	γ-Terpinene	ND	N/A	ND	0.00295/0.0153
α-Terpinene	ND	N/A	ND	0.00402/0.0152	Geraniol	ND	N/A	ND	0.0109/0.0613
α-Terpineol	ND	N/A	ND	0.00159/0.0156	Geranyl Acetate	ND	N/A	ND	0.00325/0.0152
β-Caryophyllene	ND	N/A	ND	0.0198/0.0613	Guaiol	ND	N/A	ND	0.00852/0.0255
β-Eudesmol	ND	N/A	ND	0.00506/0.0156	Isoborneol	ND	N/A	ND	0.00202/0.0153
β-Myrcene	ND	N/A	ND	0.00159/0.0155	Limonene	ND	N/A	ND	0.00971/0.0308
β-Pinene	ND	N/A	ND	0.00238/0.0308	Linalool	ND	N/A	ND	0.00296/0.0155
Borneol	ND	N/A	ND	0.00234/0.0156	Menthol	ND	N/A	ND	0.00330/0.0152
Camphene	ND	N/A	ND	0.00203/0.0152	p-Cymene	ND	N/A	ND	0.00380/0.0156
Camphor	ND	N/A	ND	0.00620/0.0308	Pulegone	ND	N/A	ND	0.00554/0.0166
Caryophyllene Oxide	ND	N/A	ND	0.00645/0.0607	Terpinolene	ND	N/A	ND	0.00210/0.0156
Cedrol	ND	N/A	ND	0.00395/0.0152	trans-Nerolidol	ND	N/A	ND	0.00570/0.0171

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

Utah RS-INST-003, Utah RS-PREP-001: Utah RS-INST-003, Utah RS-PREP-001: Comprehensive Residual Solvents by GC-MS • Jul 16, 2026

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
1,1-Dichloroethylene*	8	ND	N/A	0.0493/0.147	Pass	Ethanol	5011.8	795	± 11.8 µg/g	1.57/4.72	Pass
1,2-Dichloroethane	2	ND		0.112/0.335	Pass	Ethyl acetate	400	ND	N/A	0.329/0.986	Pass
1,2-Dimethoxyethane*	100	ND		0.816/2.45	Pass	Ethylbenzene*	150	ND		0.490/1.47	Pass
1,4-Dioxane*	380	ND		0.856/2.57	Pass	Ethylene glycol*	620	ND		0.600/1.80	Pass
1-Butanol*	5000	ND		0.359/1.08	Pass	Ethylene oxide	5	ND	N/A	0.522/1.57	Pass
1-Pentanol*	5000	ND		0.296/0.888	Pass	Ethyl ether	500	ND	N/A	0.367/1.10	Pass
2,2-Dimethylbutane*	290	ND		0.435/1.30	Pass	Heptane	5000	ND	N/A	0.319/0.956	Pass
2,3-Dimethylbutane*	290	ND		0.500/1.50	Pass	Hexane	250	ND	N/A	0.485/1.46	Pass
2-Butanol*	5000	ND		6.04/18.1	Pass	Isopropyl acetate*	5000	ND		1.24/3.72	Pass
2-Butanone*	5000	ND		1.49/4.47	Pass	Methanol	250	ND	N/A	28.5/85.5	Pass
2-Ethoxyethanol*	160	ND		0.676/2.03	Pass	Methylpropane*	5000	ND		2.40/7.22	Pass
2-Methylbutane*	5000	ND		0.642/1.93	Pass	N,N-Dimethylacetamide*	1090	ND		3.05/9.15	Pass
2-Methylpentane*	290	ND		0.309/0.928	Pass	N,N-Dimethylformamide*	880	ND		0.481/1.44	Pass
2-Propanol	500	ND		0.570/1.71	Pass	Pentane	750	ND	N/A	4.44/13.3	Pass
3-Methylpentane*	290	ND		0.307/0.921	Pass	Propane	5000	ND	N/A	2.09/6.27	Pass
Acetone	750	ND	N/A	7.75/23.3	Pass	Propanol*	5000	ND		6.88/20.6	Pass
Acetonitrile	60	ND	N/A	6.51/19.5	Pass	Pyridine*	100	ND		0.253/0.759	Pass
Benzene	1	ND	N/A	0.270/0.809	Pass	Sulfolane*	160	ND		8.99/27.0	Pass
Butane	5000	ND	N/A	0.782/2.34	Pass	Tetrahydrofuran*	720	ND		0.834/2.50	Pass
Chloroform	2	ND	N/A	0.185/0.556	Pass	Toluene	150	ND	N/A	0.217/0.653	Pass
Cumene*	70	ND		0.284/0.851	Pass	Trichloroethylene	25	ND	N/A	3.59/10.8	Pass
Cyclohexane*	3880	ND		6.68/20.0	Pass	o-Xylene	150	ND	N/A	0.150/0.451	Pass
Dichloromethane	600	ND		0.385/1.15	Pass	p- and m-Xylene	150	ND	N/A	0.0907/0.272	Pass
Dimethyl sulfoxide*	5000	ND		0.892/2.68	Pass						

* Beyond scope of accreditation
 Compliance requirements for this test are taken from UT-FL-comprehensive 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 • Jul 13, 2026

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	< LOQ	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

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: Additional Heavy Metals Testing by ICP-MS • Jul 13, 2026

Analyte	Limit	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Antimony*		ND	0.00695/0.0208	N/A	Copper*		ND	0.0109/0.0326	N/A
Chromium*		ND	0.00926/0.0278	N/A	Nickel*		ND	0.00517/0.0155	N/A

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



MICR-002: MICR-002: Petrifilm-Aerobic • Jul 15, 2026

Analyte	Limit (CFU/g)	Amt (CFU/g)	Pass/Fail
Aerobic Bacteria	10000	ND	Pass

Compliance requirements for this test are taken from CO Hemp regulations.

Petrifilm-Enterobacteriaceae • Jul 15, 2026

Analyte	Limit	Amt	Pass/Fail
Enterobacteriaceae*		ND	N/A

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

Petrifilm- Staphylococcus aureus • Jul 15, 2026

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

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

Petrifilm-Listeria • Jul 15, 2026

Analyte	Limit	Amt	Pass/Fail
Listeria spp.*		ND	N/A

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

MICRO-INST-001, MICRO-PREP-001: MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (inhalable) • Jul 15, 2026

Analyte	Limit	Amt	Pass/Fail	Analyte	Limit	Amt	Pass/Fail
Aspergillus flavus		ND	N/A	Aspergillus terreus		ND	N/A
Aspergillus fumigatus		ND	N/A	Salmonella spp.	Any amt in 1 gram	ND	Pass
Aspergillus niger		ND	N/A	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.

MICR-002: MICR-002: Petrifilm-Coliforms • Jul 15, 2026

Analyte	Limit (CFU/g)	Amt (CFU/g)	Pass/Fail
Coliforms	100	ND	Pass

Compliance requirements for this test are taken from CO Hemp regulations.

Petrifilm-E. Coli • Jul 15, 2026

Analyte	Limit	Amt	Pass/Fail
Escherichia coli		ND	N/A

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

MICR-005, MICR-006: MICR-005, MICR-006: Petrifilm-Rapid Yeast & Mold • Jul 15, 2026

Analyte	Limit (CFU/g)	Amt (CFU/g)	Pass/Fail
Yeast & Mold	1000	ND	Pass

Compliance requirements for this test are taken from CO Hemp regulations.

MICR-002: MICR-002: Petrifilm-Salmonella • Jul 15, 2026

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

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



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Analyte	Limit	Amt	Pass/Fail
Campylobacter spp.		ND	N/A
Compliance requirements for this test are taken from CA Cannabis/Hemp (Based on Submission Type) regulations.			

Yersinia • Jul 17, 2026

Analyte	Limit	Amt	Pass/Fail
Yersinia spp.		ND	N/A
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 • Jul 15, 2026

Analyte	Limit (µg/kg)	Amt (µg/kg)	Uncertainty	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	N/A	1.09/3.28	N/A
Aflatoxin B2		ND	N/A	0.948/2.84	N/A
Aflatoxin G1		ND	N/A	2.40/7.19	N/A

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

Analyte	Limit (µg/kg)	Amt (µg/kg)	Uncertainty	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin G2		ND	N/A	0.741/2.53	N/A
Aflatoxins	20	ND			Pass
Ochratoxin A	20	ND	N/A	3.87/11.7	Pass

PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Jul 15, 2026

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

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

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

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Jul 15, 2026

Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	0.3	ND		0.0500/0.100	Pass
Abamectin Ba		ND	N/A	0.0330/0.0990	N/A
Acephate	5	ND	N/A	0.0164/0.0497	Pass
Acequinocyl	4	ND	N/A	0.0194/0.0587	Pass
Acetamiprid	5	ND	N/A	0.0146/0.0442	Pass
Aldicarb	Any amt	ND	N/A	0.0216/0.0654	Pass
Azoxystrobin	40	ND	N/A	0.00960/0.0291	Pass
Bifenazate	5	ND	N/A	0.0115/0.0349	Pass
Bifenthrin	0.5	ND	N/A	0.0130/0.0395	Pass
Boscalid	10	ND	N/A	0.0197/0.0596	Pass
Carbaryl	0.5	ND	N/A	0.0160/0.0486	Pass
Carbofuran	Any amt	ND	N/A	0.00902/0.0300	Pass
Chlorantraniliprole	40	ND	N/A	0.0209/0.0632	Pass
Chlorpyrifos	Any amt	ND	N/A	0.0176/0.0534	Pass
Clofentezine	0.5	ND	N/A	0.0129/0.0389	Pass
Coumaphos	Any amt	ND	N/A	0.0185/0.0559	Pass
Daminozide	Any amt	ND	N/A	0.0261/0.0791	Pass
Diazinon	0.2	ND	N/A	0.00645/0.0300	Pass
Dichlorvos	Any amt	ND	N/A	0.0223/0.0674	Pass
Dimethoate	Any amt	ND	N/A	0.0118/0.0356	Pass
Dimethomorph	20	ND	N/A	0.0137/0.0416	Pass
Ethoprophos	Any amt	ND	N/A	0.0174/0.0528	Pass
Etofenprox	Any amt	ND	N/A	0.00849/0.0300	Pass
Etoxazole	1.5	ND	N/A	0.00783/0.0300	Pass
Fenhexamid	10	ND	N/A	0.0129/0.0392	Pass
Fenoxycarb	Any amt	ND	N/A	0.0144/0.0435	Pass
Fenpyroximate	2	ND	N/A	0.00972/0.0300	Pass
Fipronil	Any amt	ND	N/A	0.0148/0.0447	Pass
Flonicamid	2	ND	N/A	0.0268/0.0811	Pass
Fludioxonil	30	ND	N/A	0.0153/0.0464	Pass
Hexythiazox	2	ND	N/A	0.0257/0.0778	Pass
Imazalil	Any amt	ND	N/A	0.0156/0.0474	Pass
Imidacloprid	3	ND	N/A	0.0235/0.0711	Pass
Kresoxim-methyl	1	ND	N/A	0.0125/0.0379	Pass
Malathion	5	ND	N/A	0.0117/0.0354	Pass
Metalaxyl	15	ND	N/A	0.0101/0.0306	Pass

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

Analyte	Limit (µg/g)	Amt (µg/g)	Uncertainty	LOD/LOQ (µg/g)	Pass/Fail
Methiocarb	Any amt	ND	N/A	0.0156/0.0473	Pass
Methomyl	0.1	ND	N/A	0.0158/0.0479	Pass
Mevinphos	Any amt	ND	N/A	0.0139/0.0423	Pass
Myclobutanil	9	ND	N/A	0.0180/0.0546	Pass
Naled	0.5	ND	N/A	0.0170/0.0514	Pass
Oxamyl	0.2	ND	N/A	0.0153/0.0465	Pass
Paclobutrazol	Any amt	ND	N/A	0.0132/0.0400	Pass
Permethrin	20	ND		0.00831/0.0300	Pass
Permethrin cis		ND	N/A	0.0200/0.0300	N/A
Permethrin trans		ND	N/A	0.0200/0.0300	N/A
Phosmet	0.2	ND	N/A	0.0125/0.0377	Pass
Piperonylbutoxide	8	ND	N/A	0.00759/0.0300	Pass
Prallethrin	0.4	ND	N/A	0.0226/0.0685	Pass
Propiconazole	20	ND	N/A	0.0195/0.0590	Pass
Propoxur	Any amt	ND	N/A	0.0155/0.0471	Pass
Pyrethrins	1	ND		0.00431/0.0300	Pass
Pyrethrins Cinerin I		ND	N/A		N/A
Pyrethrins Cinerin II		ND	N/A		N/A
Pyrethrins Jasmolin I		ND	N/A		N/A
Pyrethrins Jasmolin II		ND	N/A		N/A
Pyrethrins Pyrethrin I		ND	N/A	0.0100/0.0450	N/A
Pyrethrins Pyrethrin II		ND	N/A	0.0100/0.0300	N/A
Pyridaben	3	ND	N/A	0.0115/0.0350	Pass
Spinetoram	3	ND		0.00639/0.0300	Pass
Spinetoram J		ND	N/A	0.00500/0.0100	N/A
Spinetoram L		ND	N/A	0.00500/0.0100	N/A
Spinosad	3	ND		0.00410/0.0300	Pass
Spinosad A		ND	N/A	0.00500/0.0100	N/A
Spinosad D		ND	N/A	0.00500/0.0100	N/A
Spiromesifen	12	ND	N/A	0.0137/0.0416	Pass
Spirotetramat	13	ND	N/A	0.0134/0.0407	Pass
Spiroxamine	Any amt	ND	N/A	0.0106/0.0320	Pass
Tebuconazole	2	ND	N/A	0.0144/0.0437	Pass
Thiacloprid	Any amt	ND	N/A	0.0139/0.0421	Pass
Thiamethoxam	4.5	ND	N/A	0.0181/0.0549	Pass
Trifloxystrobin	30	ND	N/A	0.0102/0.0310	Pass



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PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Colorado Pesticides by GC-MS/MS • Jul 15, 2026

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
α-Endosulfan	0.353	ND		0.118/0.353	Pass	Iprodione	0.475	ND		0.158/0.475	Pass
β-Endosulfan	0.239	ND		0.0797/0.239	Pass	Kinoprene	0.221	ND		0.0738/0.221	Pass
Chlorfenapyr	0.0244	ND	N/A	0.00814/0.0244	Pass	Methyl parathion	0.0257	ND	N/A	0.00857/0.0257	Pass
Cyfluthrin	0.0384	ND	N/A	0.0128/0.0384	Pass	MGK-264	Any amt	ND			Pass
Cypermethrin	0.0525	ND	N/A	0.0175/0.0525	Pass	MGK-264 I		ND		0.00152/0.00457	N/A
Endosulfan sulfate	0.0257	ND		0.00856/0.0257	Pass	MGK-264 II		ND		0.00392/0.0118	N/A
Etridiazole	0.0441	ND		0.0147/0.0441	Pass	Quintozene	0.016	ND		0.00533/0.0160	Pass
Fenvalerate	0.402	ND		0.134/0.402	Pass						

* Beyond scope of accreditation
Compliance requirements for this test are taken from CO Hemp regulations.

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Colorado Pesticides by LC-MS/MS • Jul 15, 2026

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	0.1	ND		0.0500/0.100	Pass	Kresoxim-methyl	0.03	ND	N/A	0.0100/0.0300	Pass
Abamectin Ba		ND	N/A	0.0330/0.0990	N/A	Malathion	0.01	ND	N/A	0.00500/0.0100	Pass
Acephate	0.03	ND	N/A	0.0100/0.0300	Pass	Metalaxyl	0.01	ND	N/A	0.00500/0.0100	Pass
Acequinocyl	0.075	ND	N/A	0.0200/0.0750	Pass	Methiocarb	0.01	ND	N/A	0.00500/0.0100	Pass
Acetamiprid	0.03	ND	N/A	0.0100/0.0300	Pass	Methomyl	0.025	ND	N/A	0.0100/0.0250	Pass
Aldicarb	0.03	ND	N/A	0.0100/0.0300	Pass	Methoprene	0.05	ND		0.0250/0.0500	Pass
Allethrin	0.03	ND		0.0150/0.0300	Pass	Mevinphos	0.025	ND	N/A	0.0100/0.0250	Pass
Atrazine	0.005	ND		0.00500/0.00500	Pass	Myclobutanil	0.01	ND	N/A	0.00500/0.0100	Pass
Azadirachtin	0.05	ND		0.0300/0.0500	Pass	Naled	0.03	ND	N/A	0.0200/0.0300	Pass
Azoxystrobin	0.01	ND	N/A	0.00500/0.0100	Pass	Novaluron	0.02	ND		0.0100/0.0200	Pass
Benzovindiflupyr	0.005	ND		0.00500/0.00500	Pass	Oxamyl	0.03	ND	N/A	0.0200/0.0300	Pass
Bifenazate	0.01	ND	N/A	0.00500/0.0100	Pass	Paclobutrazol	0.01	ND	N/A	0.00500/0.0100	Pass
Bifenthrin	0.03	ND	N/A	0.00500/0.0300	Pass	Permethrin	0.03	ND		0.00831/0.0300	Pass
Boscalid	0.01	ND	N/A	0.00500/0.0100	Pass	Permethrin cis		ND	N/A	0.0200/0.0300	N/A
Buprofezin	0.03	ND		0.0150/0.0300	Pass	Permethrin trans		ND	N/A	0.0200/0.0300	N/A
Carbaryl	0.025	ND	N/A	0.0100/0.0250	Pass	Phenothrin	0.03	ND		0.0150/0.0300	Pass
Carbofuran	0.01	ND	N/A	0.00500/0.0100	Pass	Phosmet	0.03	ND	N/A	0.0200/0.0300	Pass
Chlorantraniliprole	0.03	ND	N/A	0.0100/0.0300	Pass	Piperonylbutoxide	0.03	ND	N/A	0.0100/0.0300	Pass
Chlorpyrifos	0.075	ND	N/A	0.0100/0.0750	Pass	Pirimicarb	0.01	ND		0.00500/0.0100	Pass
Clofentezine	0.01	ND	N/A	0.00500/0.0100	Pass	Prallethrin	0.075	ND	N/A	0.0300/0.0750	Pass
Clothianidin	0.01	ND		0.00500/0.0100	Pass	Propiconazole	0.03	ND	N/A	0.0100/0.0300	Pass
Coumaphos	0.01	ND	N/A	0.00500/0.0100	Pass	Propoxur	0.01	ND	N/A	0.00500/0.0100	Pass
Cyantraniliprole	0.01	ND		0.00500/0.0100	Pass	Pyraclostrobin	0.01	ND		0.00500/0.0100	Pass
Cyhalothrin lambda	0.05	ND		0.0300/0.0500	Pass	Pyrethrins	0.03	ND		0.00431/0.0300	Pass
Cyprodinil	0.01	ND		0.00500/0.0100	Pass	Pyrethrins Pyrethrin I		ND	N/A	0.0100/0.0450	N/A
Daminozide	0.075	ND	N/A	0.0500/0.0750	Pass	Pyrethrins Pyrethrin II		ND	N/A	0.0100/0.0300	N/A
Δmethrin	0.05	ND		0.0250/0.0500	Pass	Pyridaben	0.02	ND	N/A	0.0100/0.0200	Pass
Diazinon	0.03	ND	N/A	0.0100/0.0300	Pass	Pyriproxyfen	0.01	ND		0.00500/0.0100	Pass
Dichlorvos	0.05	ND	N/A	0.0200/0.0500	Pass	Resmethrin	0.05	ND		0.0250/0.0500	Pass
Dimethoate	0.01	ND	N/A	0.00500/0.0100	Pass	Spinetoram	0.03	ND		0.00639/0.0300	Pass
Dimethomorph	0.03	ND	N/A	0.0100/0.0300	Pass	Spinetoram J		ND	N/A	0.00500/0.0100	N/A
Dinotefuran	0.05	ND		0.0250/0.0500	Pass	Spinetoram L		ND	N/A	0.00500/0.0100	N/A
Diuron	0.01	ND		0.00500/0.0100	Pass	Spinosad	0.03	ND		0.00410/0.0300	Pass
Dodemorph	0.02	ND		0.0100/0.0200	Pass	Spinosad A		ND	N/A	0.00500/0.0100	N/A
Ethoprophos	0.01	ND	N/A	0.00500/0.0100	Pass	Spinosad D		ND	N/A	0.00500/0.0100	N/A
Etofenprox	0.03	ND	N/A	0.0100/0.0300	Pass	Spirodiclofen	0.05	ND		0.0250/0.0500	Pass
Etoxazole	0.03	ND	N/A	0.0100/0.0300	Pass	Spiromesifen	0.03	ND	N/A	0.0100/0.0300	Pass
Fenhexamid	0.045	ND	N/A	0.0200/0.0450	Pass	Spirotetramat	0.01	ND	N/A	0.00500/0.0100	Pass
Fenoxycarb	0.01	ND	N/A	0.00500/0.0100	Pass	Spiroxamine	0.03	ND	N/A	0.0200/0.0300	Pass
Fenpyroximate	0.03	ND	N/A	0.0100/0.0300	Pass	Tebuconazole	0.01	ND	N/A	0.00500/0.0100	Pass
Fensulfothion	0.01	ND		0.00500/0.0100	Pass	Tebufenozide	0.01	ND		0.00500/0.0100	Pass
Fenthion	0.0068	ND		0.00227/0.00680	Pass	Teflubenzuron	0.02	ND		0.0100/0.0200	Pass
Fipronil	0.01	ND	N/A	0.00500/0.0100	Pass	Tetrachlorvinphos	0.01	ND		0.00500/0.0100	Pass
Flonicamid	0.025	ND	N/A	0.0100/0.0250	Pass	Tetramethrin	0.05	ND		0.0250/0.0500	Pass
Fludioxonil	0.01	ND	N/A	0.00500/0.0100	Pass	Thiabendazole	0.01	ND		0.00500/0.0100	Pass
Fluopyram	0.005	ND		0.00500/0.00500	Pass	Thiacloprid	0.01	ND	N/A	0.00500/0.0100	Pass
Hexythiazox	0.03	ND	N/A	0.0100/0.0300	Pass	Thiamethoxam	0.01	ND	N/A	0.00500/0.0100	Pass
Imazalil	0.01	ND	N/A	0.00500/0.0100	Pass	Thiophanate-methyl	0.02	ND		0.0100/0.0200	Pass
Imidacloprid	0.01	ND	N/A	0.00500/0.0100	Pass	Trifloxystrobin	0.01	ND	N/A	0.00500/0.0100	Pass

* Beyond scope of accreditation
Compliance requirements for this test are taken from CO Hemp regulations.



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Analyte	Limit	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Chlormequat chloride		ND	0.00862/0.0259	N/A

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

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: Colorado Pesticides by LC-MS/MS / 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: Colorado Pesticides by GC-MS/MS / PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Chlormequat 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, Flonicamid, 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

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

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

Additional Heavy Metals Testing by ICP-MS

Arsenic, Cadmium, Lead, Mercury

TERP-INST-003, TERP-PREP-001: TERP-INST-003, TERP-PREP-001: Terpene Testing by GC-MS

(-)-Caryophyllene oxide, (-)-Linalool, (-)-alpha-Bisabolol, (-)-alpha-Cedrene, (-)-alpha-Terpineol, (-)-beta-Citronellol, (-)-beta-Pinene, Borneol, Camphene, Camphor, Caryophyllene Oxide, Cedrol, Delta-3-Carene, Eucalyptol, Fenchol, Fenchone, Geraniol, Geranyl Acetate, Guaiol, Isoborneol, Limonene, Linalool, Menthol, Pulegone, Terpinolene, alpha-Bisabolol, alpha-Cedrene, alpha-Humulene, alpha-Pinene, alpha-Terpinene, alpha-Terpineol, beta-Caryophyllene, beta-Eudesmol, beta-Myrcene, beta-Pinene, cis-Nerolidol, gamma-Terpinene, p-Cymene, trans-Nerolidol

Utah RS-INST-003, Utah RS-PREP-001: Utah RS-INST-003, Utah RS-PREP-001: Comprehensive 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-Aerobic / Petrifilm-Enterobacteriaceae / Petrifilm- Staphylococcus aureus / Petrifilm-Listeria / MICRO-INST-001, MICRO-PREP-001: MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (inhalable) / MICR-002: MICR-002: Petrifilm-Coliforms / Petrifilm-E. Coli / MICR-005, MICR-006: MICR-005, MICR-006: Petrifilm-Rapid Yeast & Mold / MICR-002: MICR-002: Petrifilm-Salmonella

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

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



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