

Certificate of Analysis

Produced: Jul 29, 2025

Sample: Iced Tea (Edible Liquid) • Client: Hop the Wave, 38 Evergreen Drive, Portland, ME 04103
FDA Registration Number: 15349051600



Batch No.: 071025
Matrix: Edible Liquid
Density: 0.98802 g/ml
Sample ID: ICC-250728-26-003
Collected on: Jul 28, 2025
Received on: Jul 28, 2025
Sample Size: 1 Units
Package Size: 366.34 g
Serving Size: 183.17 g

Tests Taken

Potency

Cannabinoid Overview

Total THC:	4.67 mg/srv
Total CBD:	0.000 mg/srv
Total Cannabinoids:	4.67 mg/srv
Sum of Cannabinoids:	4.67 mg/srv

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

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/ml)	Pass/Fail	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/ml)	Pass/Fail	
CBC			ND	ND	0.00109/0.00326	N/A	CBT				ND	ND	0.000471/0.00165	N/A
CBD			ND	ND	0.000332/0.00165	N/A	Δ ⁸ -THC				ND	ND	0.000267/0.00165	N/A
CBDA			ND	ND	0.000794/0.00238	N/A	Δ ⁹ -THC	4.67	9.34	0.00255	0.025	0.000440/0.00165	N/A	
CBDV			ND	ND	0.000264/0.00165	N/A	THCA				ND	ND	0.000605/0.00182	N/A
CBG			< 1 mg/ml	< 1 mg/ml	0.000375/0.00165	N/A	THCV				ND	ND	0.000204/0.00165	N/A
CBGA			ND	ND	0.000586/0.00176	N/A	Total THC**	4.67	9.34	0.00255	0.025		N/A	
CBL			ND	ND	0.000259/0.00165	N/A	Total CBD**				ND	ND		N/A
CBN			ND	ND	0.000375/0.00165	N/A	Total Cannabinoids**	4.67	9.34	0.00255	0.025		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.



Certificate of Analysis

Produced: Jul 31, 2025

Sample: Iced Tea (Edible Liquid) • Client: Hop the Wave • Batch: Pass



Batch No.: 071025
Matrix: Edible Liquid
Sample ID: ICC-250728-26-002
Collected on: Jul 28, 2025
Received on: Jul 28, 2025
Sample Size: 1 Units
Package Size: 366.18 g
Serving Size: 183.09 g

Batch Result: Pass

Solvents	Pass	Mycotoxins	Pass
Metals	Pass	Pesticides	Pass
Microbial	Pass	Foreign	Pass

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RS-PREP-001, RS-INST-003: RS-PREP-001, RS-INST-003: Residual Solvents by GC-MS • Jul 29, 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	0.168/0.511	Pass	Hexane	290	ND	0.0663/0.282	Pass
Acetone	5000	ND	17.2/51.5	Pass	Isopropyl alcohol	5000	ND	1.29/3.86	Pass
Acetonitrile	410	ND	0.120/0.360	Pass	Methanol	3000	ND	2.98/8.95	Pass
Benzene	1	ND	0.0211/0.0642	Pass	Methylene chloride	1	ND	0.128/0.732	Pass
Butane	5000	ND	0.975/4.87	Pass	Pentane	5000	ND	0.966/4.29	Pass
Chloroform	1	ND	0.0361/0.108	Pass	Propane	5000	ND	4.45/13.4	Pass
Ethanol	5000	53.5	2.62/7.87	Pass	Toluene	890	ND	0.0884/0.868	Pass
Ethyl acetate	5000	ND	0.314/2.30	Pass	Trichloroethylene	1	ND	0.0181/0.146	Pass
Ethylene oxide	1	ND	0.154/0.581	Pass	o-Xylene		ND	0.101/0.860	N/A
Ethyl ether	5000	ND	1.19/3.56	Pass	p- and m-Xylene		ND	0.116/1.72	N/A
Heptane	5000	ND	0.690/2.87	Pass	Total xylenes	2170	ND		Pass

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



HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • Jul 29, 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	ND	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-PREP-001, MICRO-INST-001: MICRO-008, MICRO-PREP-001, MICRO-INST-001: PCR-Microbial (noninhalable) • Jul 29, 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.

Petrifilm-Listeria • Jul 30, 2025

Analyte	Limit	Amt (CFU/g)	Pass/Fail
Listeria spp.		ND	N/A

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

MICR-002: MICR-002: Petrifilm-Coliforms • Jul 31, 2025

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

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

MICR-002: MICR-002: Petrifilm-Aerobic • Jul 31, 2025

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-E. Coli • Jul 31, 2025

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

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

MICR-005, MICR-006: MICR-005, MICR-006: Petrifilm-Rapid Yeast & Mold • Jul 31, 2025

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 31, 2025

Analyte	Limit (CFU/g)	Amt (CFU/g)	Pass/Fail
Salmonella spp.	Any amt in 1 gram	ND	Pass

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

PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Mycotoxin Analysis by LC-MS/MS • Jul 30, 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	2.60/7.88	N/A	Aflatoxin G2		ND	1.89/5.72	N/A
Aflatoxin B2		ND	2.04/6.18	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	2.97/8.99	N/A	Ochratoxin A	20	ND	3.87/11.7	Pass

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



PEST-GC-PREP-001, PEST-GC-INST-003: PEST-GC-PREP-001, PEST-GC-INST-003: Pesticide Analysis by GC-MS/MS • Jul 30, 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-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Pesticide Analysis by LC-MS/MS • Jul 30, 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	Metalaxyl	15	ND	0.0101/0.0306	Pass
Abamectin Ba		ND	0.0330/0.0990	N/A	Methiocarb	Any amt	ND	0.0156/0.0473	Pass
Acephate	5	ND	0.0164/0.0497	Pass	Methomyl	0.1	ND	0.0158/0.0479	Pass
Acequinocyl	4	ND	0.0194/0.0587	Pass	Mevinphos	Any amt	ND	0.0139/0.0423	Pass
Acetamiprid	5	ND	0.0146/0.0442	Pass	Myclobutanil	9	ND	0.0180/0.0546	Pass
Aldicarb	Any amt	ND	0.0216/0.0654	Pass	Naled	0.5	ND	0.0170/0.0514	Pass
Azoxystrobin	40	ND	0.00960/0.0291	Pass	Oxamyl	0.2	ND	0.0153/0.0465	Pass
Bifenazate	5	ND	0.0115/0.0349	Pass	Paclobutrazol	Any amt	ND	0.0132/0.0400	Pass
Bifenthrin	0.5	ND	0.0130/0.0395	Pass	Permethrin	20	ND	0.00831/0.0300	Pass
Boscalid	10	ND	0.0197/0.0596	Pass	Permethrin cis		ND	0.0200/0.0300	N/A
Carbaryl	0.5	ND	0.0160/0.0486	Pass	Permethrin trans		ND	0.0200/0.0300	N/A
Carbofuran	Any amt	ND	0.00902/0.0300	Pass	Phosmet	0.2	ND	0.0125/0.0377	Pass
Chlorantraniliprole	40	ND	0.0209/0.0632	Pass	Piperonylbutoxide	8	ND	0.00759/0.0300	Pass
Chlorpyrifos	Any amt	ND	0.0176/0.0534	Pass	Prallethrin	0.4	ND	0.0226/0.0685	Pass
Clofentezine	0.5	ND	0.0129/0.0389	Pass	Propiconazole	20	ND	0.0195/0.0590	Pass
Coumaphos	Any amt	ND	0.0185/0.0559	Pass	Propoxur	Any amt	ND	0.0155/0.0471	Pass
Daminozide	Any amt	ND	0.0261/0.0791	Pass	Pyrethrins	1	ND	0.00431/0.0300	Pass
Diazinon	0.2	ND	0.00645/0.0300	Pass	Pyrethrins Jasmolin I		ND		N/A
Dichlorvos	Any amt	ND	0.0223/0.0674	Pass	Pyrethrins Jasmolin II		ND		N/A
Dimethoate	Any amt	ND	0.0118/0.0356	Pass	Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Dimethomorph	20	ND	0.0137/0.0416	Pass	Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Ethoprophos	Any amt	ND	0.0174/0.0528	Pass	Pyridaben	3	ND	0.0115/0.0350	Pass
Etofenprox	Any amt	ND	0.00849/0.0300	Pass	Spinetoram	3	ND	0.00639/0.0300	Pass
Etiozazole	1.5	ND	0.00783/0.0300	Pass	Spinetoram J		ND	0.00500/0.0100	N/A
Fenhexamid	10	ND	0.0129/0.0392	Pass	Spinetoram L		ND	0.00500/0.0100	N/A
Fenoxycarb	Any amt	ND	0.0144/0.0435	Pass	Spinosad	3	ND	0.00410/0.0300	Pass
Fenpyroximate	2	ND	0.00972/0.0300	Pass	Spinosad A		ND	0.00500/0.0100	N/A
Fipronil	Any amt	ND	0.0148/0.0447	Pass	Spinosad D		ND	0.00500/0.0100	N/A
Flonicamid	2	ND	0.0268/0.0811	Pass	Spiromesifen	12	ND	0.0137/0.0416	Pass
Fludioxonil	30	ND	0.0153/0.0464	Pass	Spirotetramat	13	ND	0.0134/0.0407	Pass
Hexythiazox	2	ND	0.0257/0.0778	Pass	Spiroxamine	Any amt	ND	0.0106/0.0320	Pass
Imazalil	Any amt	ND	0.0156/0.0474	Pass	Tebuconazole	2	ND	0.0144/0.0437	Pass
Imidacloprid	3	ND	0.0235/0.0711	Pass	Thiacloprid	Any amt	ND	0.0139/0.0421	Pass
Kresoxim-methyl	1	ND	0.0125/0.0379	Pass	Thiamethoxam	4.5	ND	0.0181/0.0549	Pass
Malathion	5	ND	0.0117/0.0354	Pass	Trifloxystrobin	30	ND	0.0102/0.0310	Pass

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



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