

Certificate of Analysis

Produced: Jan 31, 2025

Sample: Dragonberry (Edible Liquid) • Client: Powered By Plants • Batch: Pass



Matrix: Edible Liquid
Density: 0.99476 g/ml
Sample ID: ICC-250128-13-001
Collected on: Jan 28, 2025
Received on: Jan 28, 2025
Sample Size:
Received By: Rebecca Fischer
Package Size: 48.00 g

Batch Result: Pass

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

Cannabinoid Overview

Total THC:	7.44 mg/pkg
Total CBD:	0.126 mg/pkg
Total Cannabinoids:	7.54 mg/pkg
Sum of Cannabinoids:	7.56 mg/pkg

POT-INST-005: POT-INST-005: Potency • Jan 29, 2025

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
CBC		ND	ND	0.00109/0.00328
CBD	0.126	0.000262	0.00261	0.000335/0.00166
CBDA		ND	ND	0.000800/0.00240
CBDV		ND	ND	0.000265/0.00166
CBG		ND	ND	0.000378/0.00166
CBGA		ND	ND	0.000590/0.00177
CBL		ND	ND	0.000261/0.00166
CBN		ND	ND	0.000378/0.00166

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
CBT		ND	ND	0.000474/0.00166
Δ ⁸ -THC	0.136	0.000284	0.00283	0.000268/0.00166
Δ ⁹ -THC	7.30	0.0152	0.151	0.000443/0.00166
THCA		ND	ND	0.000608/0.00183
THCV		ND	ND	0.000205/0.00166
Total THC**	7.44	0.0155	0.154	
Total CBD**	0.126	0.000262	0.00261	

** Total THC = Delta-9-THC + (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. Compliance requirements for this test are taken from California Cannabis regulations.



PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Colorado Pesticides by LC-MS/MS • Jan 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
Abamectin	0.1	ND	0.0500/0.100	Pass	Kresoxim-methyl	0.0379	ND	0.0125/0.0379	Pass
Abamectin Ba		ND	0.0330/0.0990	N/A	Malathion	0.0354	ND	0.0117/0.0354	Pass
Acephate	0.0497	ND	0.0164/0.0497	Pass	Metalaxyl	0.0306	ND	0.0101/0.0306	Pass
Acequinocyl	0.0587	ND	0.0194/0.0587	Pass	Methiocarb	0.0473	ND	0.0156/0.0473	Pass
Acetamiprid	0.0442	ND	0.0146/0.0442	Pass	Methomyl	0.0479	ND	0.0158/0.0479	Pass
Aldicarb	0.0654	ND	0.0216/0.0654	Pass	Methoprene	0.05	ND	0.0250/0.0500	Pass
Allethrin	0.03	ND	0.0150/0.0300	Pass	Mevinphos	0.0423	ND	0.0139/0.0423	Pass
Atrazine	0.005	ND	0.00500/0.00500	Pass	Myclobutanil	0.0546	ND	0.0180/0.0546	Pass
Azadirachtin	0.05	ND	0.0300/0.0500	Pass	Naled	0.0514	ND	0.0170/0.0514	Pass
Azoxystrobin	0.0291	ND	0.00960/0.0291	Pass	Novaluron	0.02	ND	0.0100/0.0200	Pass
Benzovindiflupyr	0.005	ND	0.00500/0.00500	Pass	Oxamyl	0.0465	ND	0.0153/0.0465	Pass
Bifenazate	0.0349	ND	0.0115/0.0349	Pass	Paclobutrazol	0.04	ND	0.0132/0.0400	Pass
Bifenthrin	0.0395	ND	0.0130/0.0395	Pass	Permethrin	0.03	ND	0.00831/0.0300	Pass
Boscalid	0.0596	ND	0.0197/0.0596	Pass	Permethrin cis		ND	0.0200/0.0300	N/A
Buprofezin	0.03	ND	0.0150/0.0300	Pass	Permethrin trans		ND	0.0200/0.0300	N/A
Carbaryl	0.0486	ND	0.0160/0.0486	Pass	Phenothrin	0.03	ND	0.0150/0.0300	Pass
Carbofuran	0.03	ND	0.00902/0.0300	Pass	Phosmet	0.0377	ND	0.0125/0.0377	Pass
Chlorantraniliprole	0.0632	ND	0.0209/0.0632	Pass	Piperonylbutoxide	0.03	ND	0.00759/0.0300	Pass
Chlorpyrifos	0.0534	ND	0.0176/0.0534	Pass	Pirimicarb	0.01	ND	0.00500/0.0100	Pass
Clofentezine	0.0389	ND	0.0129/0.0389	Pass	Prallethrin	0.0685	ND	0.0226/0.0685	Pass
Clothianidin	0.01	ND	0.00500/0.0100	Pass	Propiconazole	0.059	ND	0.0195/0.0590	Pass
Coumaphos	0.0559	ND	0.0185/0.0559	Pass	Propoxur	0.0471	ND	0.0155/0.0471	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	0.0100/0.0450	N/A
Daminozide	0.0791	ND	0.0261/0.0791	Pass	Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Deltamethrin	0.05	ND	0.0250/0.0500	Pass	Pyridaben	0.035	ND	0.0115/0.0350	Pass
Diazinon	0.03	ND	0.00645/0.0300	Pass	Pyriproxyfen	0.01	ND	0.00500/0.0100	Pass
Dichlorvos	0.0674	ND	0.0223/0.0674	Pass	Resmethrin	0.05	ND	0.0250/0.0500	Pass
Dimethoate	0.0356	ND	0.0118/0.0356	Pass	Spinetoram	0.03	ND	0.00639/0.0300	Pass
Dimethomorph	0.0416	ND	0.0137/0.0416	Pass	Spinetoram J		ND	0.00500/0.0100	N/A
Dinotefuran	0.05	ND	0.0250/0.0500	Pass	Spinetoram L		ND	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	0.00500/0.0100	N/A
Ethoprophos	0.0528	ND	0.0174/0.0528	Pass	Spinosad D		ND	0.00500/0.0100	N/A
Etofenprox	0.03	ND	0.00849/0.0300	Pass	Spirodiclofen	0.05	ND	0.0250/0.0500	Pass
Etoxazole	0.03	ND	0.00783/0.0300	Pass	Spiromesifen	0.0416	ND	0.0137/0.0416	Pass
Fenhexamid	0.0392	ND	0.0129/0.0392	Pass	Spirotetramat	0.0407	ND	0.0134/0.0407	Pass
Fenoxycarb	0.0435	ND	0.0144/0.0435	Pass	Spiroxamine	0.032	ND	0.0106/0.0320	Pass
Fenpyroximate	0.03	ND	0.00972/0.0300	Pass	Tebufenozole	0.0437	ND	0.0144/0.0437	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	0.0447	ND	0.0148/0.0447	Pass	Tetrachlorvinphos	0.01	ND	0.00500/0.0100	Pass
Flonicamid	0.0811	ND	0.0268/0.0811	Pass	Tetramethrin	0.05	ND	0.0250/0.0500	Pass
Fludioxonil	0.0464	ND	0.0153/0.0464	Pass	Thiabendazole	0.01	ND	0.00500/0.0100	Pass
Fluopyram	0.005	ND	0.00500/0.00500	Pass	Thiacloprid	0.0421	ND	0.0139/0.0421	Pass
Hexythiazox	0.0778	ND	0.0257/0.0778	Pass	Thiamethoxam	0.0549	ND	0.0181/0.0549	Pass
Imazalil	0.0474	ND	0.0156/0.0474	Pass	Thiophanate-methyl	0.02	ND	0.0100/0.0200	Pass
Imidacloprid	0.0711	ND	0.0235/0.0711	Pass	Trifloxystrobin	0.031	ND	0.0102/0.0310	Pass

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

PEST-GC-PREP-001, PEST-GC-INST-003: PEST-GC-PREP-001, PEST-GC-INST-003: Colorado Pesticides by GC-MS/MS • Jan 31, 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
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	0.0753	ND	0.0251/0.0753	Pass	Methyl parathion	0.0243	ND	0.00811/0.0243	Pass
Cyfluthrin	0.0558	ND	0.0186/0.0558	Pass	MGK-264	Any amt	ND		Pass
Cypermethrin	0.0435	ND	0.0145/0.0435	Pass	MGK-264 I		ND	0.0210/0.0630	N/A
Endosulfan sulfate	0.136	ND	0.0450/0.136	Pass	MGK-264 II		ND	0.0100/0.0310	N/A
Etridiazole	0.051	ND	0.0170/0.0510	Pass	Quintozene	0.0545	ND	0.0182/0.0545	Pass
Fenvalerate	0.032	ND	0.0110/0.0320	Pass					

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



PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Mycotoxin Analysis by LC-MS/MS • Jan 29, 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 California Cannabis regulations.

Utah RS-PREP-001, Utah RS-INST-003: Utah RS-PREP-001, Utah RS-INST-003: Utah Residual Solvents by GC-MS • Jan 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
1,2-Dimethoxyethane	100	ND	6.00/18.0	Pass	Ethyl acetate	5000	162	0.707/5.17	Pass
1,4-Dioxane	380	ND	12.9/38.6	Pass	Ethylbenzene		ND	3.50/10.5	N/A
1-Butanol	5000	ND	3.10/9.40	Pass	Ethylene glycol	620	ND	3.40/10.3	Pass
1-Pentanol	5000	ND	10.0/29.9	Pass	Ethylene oxide	50	ND	0.346/1.31	Pass
2,2-Dimethylbutane	290	ND	0.900/2.60	Pass	Ethyl ether	5000	ND	2.67/8.02	Pass
2,3-Dimethylbutane	290	ND	0.900/2.80	Pass	Heptane	5000	ND	1.55/6.46	Pass
2-Butanol	5000	ND	9.60/28.7	Pass	Hexane	290	ND	0.149/0.635	Pass
2-Butanone	5000	ND	7.20/21.6	Pass	Isopropyl acetate	5000	ND	4.10/12.4	Pass
2-Ethoxyethanol	160	ND	3.90/11.6	Pass	Methanol	3000	ND	6.72/20.2	Pass
2-Methylbutane	5000	ND	0.700/2.00	Pass	Methylpropane	5000	ND	10.2/30.7	Pass
2-Methylpentane	290	ND	9.10/27.2	Pass	N,N-Dimethylacetamide	1090	ND	269/807	Pass
2-Propanol	5000	ND	2.89/8.68	Pass	N,N-Dimethylformamide	880	ND	2.70/8.20	Pass
3-Methylpentane	290	ND	7.40/22.1	Pass	Pentane	5000	ND	2.17/9.65	Pass
Acetone	5000	ND	38.6/116	Pass	Propane	5000	ND	10.0/30.1	Pass
Acetonitrile	410	7.31	0.271/0.811	Pass	Propanol	5000	ND	7.00/21.0	Pass
Benzene	2	ND	0.0475/0.144	Pass	Pyridine	100	ND	19.6/58.6	Pass
Butane	5000	ND	2.19/11.0	Pass	Sulfolane	160	ND	22.9/68.7	Pass
Cumene	70	ND	8.30/25.0	Pass	Tetrahydrofuran	720	ND	6.20/18.6	Pass
Cyclohexane	3880	ND	8.40/25.3	Pass	Toluene	890	ND	0.199/1.95	Pass
Dichloromethane	600	ND	4.00/11.9	Pass	o-Xylene		ND	0.228/1.94	N/A
Dimethyl sulfoxide	5000	ND	8.40/25.2	Pass	p- and m-Xylene		ND	0.261/3.88	N/A
Ethanol	15000	12200	5.91/17.7	Pass	Total xylenes + Ethylbenzene	2170	ND		Pass

Compliance requirements for this test are taken from Utah Hemp regulations.
Action limit changed for Ethanol: no limit for tinctures

MICRO-PREP-001, MICRO-INST-001: MICRO-PREP-001, MICRO-INST-001: PCR-Microbial (inhalable) • Jan 30, 2025

Analyte	Amt	Pass/Fail	Analyte	Amt	Pass/Fail
Aspergillus flavus	ND	N/A	Aspergillus terreus	ND	N/A
Aspergillus fumigatus	ND	N/A	Salmonella spp.	ND	Pass
Aspergillus niger	ND	N/A	Shiga toxin-producing E. coli	ND	Pass

Compliance requirements for this test are taken from California Cannabis regulations.

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

Analyte	Amt	Pass/Fail
Aerobic Bacteria	ND	Pass

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

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

Analyte	Amt	Pass/Fail
Coliforms	ND	Pass

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

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

Analyte	Amt	Pass/Fail
Yeast & Mold	ND	Pass

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

HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • Jan 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	< LOQ	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

Compliance requirements for this test are taken from California Cannabis regulations.

