Certificate of Analysis

Produced: Nov 27, 2024

Sample: D9 Water (Edible Liquid) • **Client**: Fleur de Leaf

Batch No.: 092824-11
Matrix: Edible Liquid
Density: 0.98526 g/ml
Category: Edible
Sample ID: ICC-241125-12-001
Collected on: Nov 25, 2024
Received on: Nov 25, 2024
Batch Size:
Sample Size:
Received By: Rebecca Fischer
Package Size: 341.95 g

Tests Taken
Potency

Cannabinoid Overview	
Δ^9-THC:	**4.48 mg/pkg**
CBD:	**0.00 mg/pkg**
Sum of Cannabinoids:	**4.48 mg/pkg**

POT-INST-005: Potency • Nov 27, 2024

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)	Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
CBC		ND	ND	0.00103/0.00308	**CBT**		ND	ND	0.000445/0.00155
CBD		ND	ND	0.000314/0.00155	**Δ^8-THC**		ND	ND	0.000251/0.00155
CBDA		ND	ND	0.000750/0.00225	**Δ^9-THC**	4.48	0.00131	0.013	0.000415/0.00155
CBDV		ND	ND	0.000249/0.00155	**THCA**		ND	ND	0.000571/0.00171
CBG		ND	ND	0.000354/0.00155	**THCV**		ND	ND	0.000192/0.00155
CBGA		ND	ND	0.000553/0.00166	**Total THC****	4.48	0.00131	0.013	
CBL		ND	ND	0.000245/0.00155	**Total CBD****		ND	ND	
CBN		ND	ND	0.000354/0.00155					

Total THC = THCa * 0.877 + d9-THC; Total CBD = CBDa * 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.

https://lims.tagleaf.com/coa_/eoNfhN85aA

Results Certified By: David Marelius PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Nov 27, 2024

Analyte	Amt (%)	Uncertainty	Amt	LOD/LOQ (mg/g)
Total Terpenes*	ND		ND	
(-)-β-Citronellol	ND	N/A	ND	0.00715/0.0309
α-Bisabolol	ND	N/A	ND	0.00346/0.0104
α-Cedrene	ND	N/A	ND	0.00213/0.00781
α-Humulene	ND	N/A	ND	0.000527/0.00781
α-Pinene	ND	N/A	ND	0.00134/0.00781
α-Terpinene	ND	N/A	ND	0.00206/0.00781
α-Terpineol	ND	N/A	ND	0.000815/0.00798
β-Caryophyllene	ND	N/A	ND	0.0102/0.0314
β-Eudesmol	ND	N/A	ND	0.00260/0.00798
β-Myrcene	ND	N/A	ND	0.000813/0.00793
β-Pinene	ND	N/A	ND	0.00122/0.0158
Borneol	ND	N/A	ND	0.00120/0.00798
Camphene	ND	N/A	ND	0.00104/0.00781
Camphor	ND	N/A	ND	0.00318/0.0158
Caryophyllene Oxide	ND	N/A	ND	0.00331/0.0311
Cedrol	ND	N/A	ND	0.00202/0.00781

Analyte	Amt (%)	Uncertainty	Amt	LOD/LOQ (mg/g)
cis-Nerolidol	ND	N/A	ND	0.00484/0.0145
Δ^3-Carene	ND	N/A	ND	0.000732/0.0158
Eucalyptol	ND	N/A	ND	0.00370/0.0111
Fenchol	ND	N/A	ND	0.000567/0.00783
Fenchone	ND	N/A	ND	0.000355/0.00782
γ-Terpinene	ND	N/A	ND	0.00151/0.00784
Geraniol	ND	N/A	ND	0.00559/0.0315
Geranyl Acetate	ND	N/A	ND	0.00167/0.00781
Guaiol	ND	N/A	ND	0.00437/0.0131
Isoborneol	ND	N/A	ND	0.00103/0.00782
Limonene	ND	N/A	ND	0.00498/0.0158
Linalool	ND	N/A	ND	0.00152/0.00797
Menthol	ND	N/A	ND	0.00169/0.00781
p-Cymene	ND	N/A	ND	0.00195/0.00799
Pulegone	ND	N/A	ND	0.00284/0.00852
Terpinolene	ND	N/A	ND	0.00108/0.00798
trans-Nerolidol	ND	N/A	ND	0.00292/0.00877

*** Beyond scope of accreditation**

Notes

Daniel James Lien
Apr 20, 2026

Potency
The testing laboratory has received, and will retain, documentation from the product submitter affirming that the material submitted for testing was not created by a chemical synthesis, modification or chemical conversion from another cannabinoid utilizing non-cannabis materials.

Daniel James Lien
Apr 20, 2026

INGREDIENTS: Natural Spring Water, Potassium Sorbate, Sodium Benzoate, Ascorbic Acid (Vitamin C), Potassium Chloride, Water Soluble THC Powder. CONTAINS: SOY

Daniel James Lien
Apr 20, 2026

Terpene Testing by GC-MS
No terpenes were used in the formulation of this product.

Accreditations

PJLA
Testing
Accreditation #95560
ISO17025:2017

PJLA Accredited

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

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

Results Certified By: David Marelius PhD
CSO, Infinite Chemical Analysis Labs, CA
Apr 20, 2026

Results Certified By: Erik Paulson PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Apr 20, 2026

PEST-GC-PREP-001, PEST-GC-INST-003: Pesticide Analysis by GC-MS/MS

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Captan	5	ND	0.120/0.358	Pass
Chlordane	Any amt	ND	0.0249/0.0747	Pass
Chlorfenapyr	Any amt	ND	0.0251/0.0753	Pass
Cyfluthrin	1	ND	0.0186/0.0558	Pass
Cypermethrin	1	ND	0.0145/0.0435	Pass
Methyl parathion	Any amt	ND	0.00811/0.0243	Pass
Pentachloronitrobenzene	0.2	ND	0.0182/0.0545	Pass

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

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

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Malathion	5	ND	0.0117/0.0354	Pass
Metalaxyl	15	ND	0.0101/0.0306	Pass
Methiocarb	Any amt	ND	0.0156/0.0473	Pass
Methomyl	0.1	ND	0.0158/0.0479	Pass
Mevinphos	Any amt	ND	0.0139/0.0423	Pass
Myclobutanil	9	ND	0.0180/0.0546	Pass
Naled	0.5	ND	0.0170/0.0514	Pass
Oxamyl	0.2	ND	0.0153/0.0465	Pass
Paclobutrazol	Any amt	ND	0.0132/0.0400	Pass
Permethrin	20	ND	0.00831/0.0300	Pass
Permethrin cis		ND	0.0200/0.0300	N/A
Permethrin trans		ND	0.0200/0.0300	N/A
Phosmet	0.2	ND	0.0125/0.0377	Pass
Piperonylbutoxide	8	ND	0.00759/0.0300	Pass
Prallethrin	0.4	ND	0.0226/0.0685	Pass
Propiconazole	20	ND	0.0195/0.0590	Pass
Propoxur	Any amt	ND	0.0155/0.0471	Pass
Pyrethrins	1	ND	0.00431/0.0300	Pass
Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Pyridaben	3	ND	0.0115/0.0350	Pass
Spinetoram	3	ND	0.00639/0.0300	Pass
Spinetoram J		ND	0.00500/0.0100	N/A
Spinetoram L		ND	0.00500/0.0100	N/A
Spinosad	3	ND	0.00410/0.0300	Pass
Spinosad A		ND	0.00500/0.0100	N/A
Spinosad D		ND	0.00500/0.0100	N/A
Spiromesifen	12	ND	0.0137/0.0416	Pass
Spirotetramat	13	ND	0.0134/0.0407	Pass
Spiroxamine	Any amt	ND	0.0106/0.0320	Pass
Tebuconazole	2	ND	0.0144/0.0437	Pass
Thiacloprid	Any amt	ND	0.0139/0.0421	Pass
Thiamethoxam	4.5	ND	0.0181/0.0549	Pass
Trifloxystrobin	30	ND	0.0102/0.0310	Pass

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

Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	2.60/7.88	N/A
Aflatoxin B2		ND	2.04/6.18	N/A
Aflatoxin G1		ND	2.97/8.99	N/A

Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin G2		ND	1.89/5.72	N/A
Aflatoxins	20	ND		Pass
Ochratoxin A	20	ND	3.87/11.7	Pass

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

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/ml)	Pass/Fail
1,2-Dichloroethane	1	ND	0.167/0.510	Pass
Acetone	5000	ND	17.1/51.4	Pass
Acetonitrile	410	ND	0.120/0.360	Pass
Benzene	1	ND	0.0211/0.0641	Pass
Butane	5000	ND	0.974/4.86	Pass
Chloroform	1	ND	0.0361/0.108	Pass
Ethanol	5000	ND	2.62/7.86	Pass
Ethyl acetate	5000	ND	0.314/2.29	Pass
Ethylene oxide	1	ND	0.153/0.581	Pass
Ethyl ether	5000	ND	1.19/3.56	Pass
Heptane	5000	ND	0.689/2.87	Pass

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/ml)	Pass/Fail
Hexane	290	ND	0.0662/0.282	Pass
Isopropyl alcohol	5000	ND	1.28/3.85	Pass
Methanol	3000	ND	2.98/8.94	Pass
Methylene chloride	1	ND	0.127/0.731	Pass
Pentane	5000	ND	0.965/4.28	Pass
Propane	5000	ND	4.45/13.3	Pass
Toluene	890	ND	0.0882/0.866	Pass
Trichloroethylene	1	ND	0.0180/0.145	Pass
o-Xylene		ND	0.101/0.859	N/A
p- and m-Xylene		< LOQ	0.116/1.72	N/A
Total xylenes	2170	< LOQ	0.0168/0.143	Pass

Petrifilm-E. Coli

Analyte	Amt	Pass/Fail
Escherichia coli	ND	N/A

MICR-005, MICR-006: Petrifilm-Rapid Yeast & Mold

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

Results Certified By: David Marelius PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Oct 18, 2024

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

Analyte	Amt	Pass/Fail
Salmonella spp.	ND	Pass

Analyte	Amt	Pass/Fail
Shiga toxin-producing E. coli	ND	Pass

MICR-002: Petrifilm-Salmonella

Analyte	Amt	Pass/Fail
Salmonella spp.	ND	Pass

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

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

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

Results Certified By: David Marelius PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Oct 18, 2024