Certificate of Analysis

Produced: Nov 15, 2024

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

Batch No.: 092824-5
Matrix: Edible Liquid
Density: 0.99594 g/ml
Category: Edible
Sample ID: ICC-241114-12-002
Collected on: Nov 14, 2024
Received on: Nov 14, 2024
Batch Size:
Sample Size:
Received By: Rebecca Fischer
Package Size: 339.14 g

Tests Taken
Potency

Cannabinoid Overview	
Δ^9-THC:	**4.34 mg/pkg**
CBD:	**0.00 mg/pkg**
Sum of Cannabinoids:	**4.34 mg/pkg**

POT-INST-005: Potency • Nov 15, 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	0.00110/0.00329	**CBT**		ND	ND	0.000476/0.00166
CBD		ND	ND	0.000336/0.00166	**Δ^8-THC**		ND	ND	0.000269/0.00166
CBDA		ND	ND	0.000803/0.00241	**Δ^9-THC**	4.34	0.00128	0.013	0.000444/0.00166
CBDV		ND	ND	0.000266/0.00166	**THCA**		ND	ND	0.000610/0.00183
CBG		ND	ND	0.000379/0.00166	**THCV**		ND	ND	0.000205/0.00166
CBGA		ND	ND	0.000592/0.00178	**Total THC****	4.34	0.00128	0.013	
CBL		ND	ND	0.000262/0.00166	**Total CBD****		ND	ND	
CBN		ND	ND	0.000379/0.00166					

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.

Results Certified By: David Marelius PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Nov 15, 2024

Analyte	Amt (%)	Uncertainty	Amt	LOD/LOQ (mg/g)
Total Terpenes*	ND		ND	
(-)-β-Citronellol	ND	N/A	ND	0.00710/0.0307
α-Bisabolol	ND	N/A	ND	0.00344/0.0103
α-Cedrene	ND	N/A	ND	0.00212/0.00776
α-Humulene	ND	N/A	ND	0.000523/0.00776
α-Pinene	ND	N/A	ND	0.00133/0.00776
α-Terpinene	ND	N/A	ND	0.00205/0.00776
α-Terpineol	ND	N/A	ND	0.000809/0.00792
β-Caryophyllene	ND	N/A	ND	0.0101/0.0312
β-Eudesmol	ND	N/A	ND	0.00258/0.00792
β-Myrcene	ND	N/A	ND	0.000807/0.00787
β-Pinene	ND	N/A	ND	0.00121/0.0157
Borneol	ND	N/A	ND	0.00119/0.00792
Camphene	ND	N/A	ND	0.00103/0.00776
Camphor	ND	N/A	ND	0.00316/0.0157
Caryophyllene Oxide	ND	N/A	ND	0.00328/0.0309
Cedrol	ND	N/A	ND	0.00201/0.00776

Analyte	Amt (%)	Uncertainty	Amt	LOD/LOQ (mg/g)
cis-Nerolidol	ND	N/A	ND	0.00480/0.0144
Δ^3-Carene	ND	N/A	ND	0.000727/0.0157
Eucalyptol	ND	N/A	ND	0.00368/0.0110
Fenchol	ND	N/A	ND	0.000563/0.00778
Fenchone	ND	N/A	ND	0.000352/0.00777
γ-Terpinene	ND	N/A	ND	0.00150/0.00779
Geraniol	ND	N/A	ND	0.00555/0.0312
Geranyl Acetate	ND	N/A	ND	0.00165/0.00776
Guaiol	ND	N/A	ND	0.00434/0.0130
Isoborneol	ND	N/A	ND	0.00103/0.00777
Limonene	ND	N/A	ND	0.00494/0.0157
Linalool	ND	N/A	ND	0.00151/0.00791
Menthol	ND	N/A	ND	0.00168/0.00776
p-Cymene	ND	N/A	ND	0.00193/0.00793
Pulegone	ND	N/A	ND	0.00282/0.00846
Terpinolene	ND	N/A	ND	0.00107/0.00793
trans-Nerolidol	ND	N/A	ND	0.00290/0.00871

* 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: Carbonated Water, Cane Sugar, Cream Soda Flavor, Citric Acid, Xanthan Gum, Calcium Phosphate, Natural and Artificial Flavor, Ascorbic Acid (Vitamin C), BHA, Natural Vanilla, Potassium Sorbate, Sodium Benzoate, 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

Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

ICAL ID: 20240930-015
Sample: CA240930-007-019
D9 RCS
Strain: D9 RCS
Category: Ingestible
Type: Beverage

Fleur De Leaf Collective
Lic. #
None
San Diego, CA 92121

Lic. #

Batch#: 092824-5
Batch Size Collected:
Total Batch Size:
Collected: 10/09/2024; Received: 10/09/2024
Completed: 10/09/2024

Residual Solvent Analysis

Category 1		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	ND	0.264	0.088	1	Pass
Benzene	ND	0.052	0.017	1	Pass
Chloroform	ND	0.076	0.025	1	Pass
Ethylene Oxide	ND	0.579	0.179	1	Pass
Methylene-Chloride	ND	0.729	0.08	1	Pass
Trichloroethene	ND	0.145	0.028	1	Pass

Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	ND	51.246	0.716	5000	Pass
Acetonitrile	ND	0.42	0.14	410	Pass
Butane	ND	4.849	0.748	5000	Pass
Ethanol	1146.1	7.575	2.525	5000	Pass
Ethyl-Acetate	ND	2.288	0.175	5000	Pass
Ethyl-Ether	ND	2.869	0.389	5000	Pass
Heptane	ND	2.859	0.496	5000	Pass

Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
n-Hexane	ND	0.281	0.027	290	Pass
Isopropanol	ND	2.86	0.614	5000	Pass
Methanol	ND	2.602	0.867	3000	Pass
Pentane	ND	5.075	1.692	5000	Pass
Propane	ND	9.709	3.236	5000	Pass
Toluene	ND	0.864	0.067	890	Pass
Xylenes	ND	2.572	0.326	2170	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP RS-INST-003.

Heavy Metal Screening

		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	ND	0.009	0.003	1.5	Pass
Cadmium	ND	0.002	0.001	0.5	Pass
Lead	ND	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	3	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP HM-INST-003.

Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Total Aerobic Plate Count	10000	NR	NT
Aspergillus flavus		NR	NT
Aspergillus fumigatus		NR	NT
Aspergillus niger		NR	NT
Aspergillus terreus		NR	NT
Total Coliforms	100	NR	NT
STEC		Not Detected	Pass
Enterobacteriaceae		NR	NT
Listeria		NR	NT
Pseudomonas aeruginosa		NR	NT
Salmonella SPP		Not Detected	Pass
Total E. coli		NR	NT
Staphylococcus aureus		NR	NT
Total Yeast and Mold	1000	ND	Pass

ND=Not Detected. Analytical instrumentation used:qPCR; samples analyzed according to SOP MICRO-INST-001.

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Josh M Swider

Josh Swider
Lab Director, Managing Partner
10/09/2024

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This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 15730, pursuant to 16 CCR section 15726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Infinite Chemical Analysis, LLC.

Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

ICAL ID: 20240930-015
Sample: CA240930-007-019
D9 RCS
Strain: D9 RCS
Category: Ingestible
Type: Beverage

Fleur De Leaf Collective
Lic. #
None
San Diego, CA 92121

Lic. #

Batch#: 092824-5
Batch Size Collected:
Total Batch Size:
Collected: 10/09/2024; Received: 10/09/2024
Completed: 10/09/2024

Chemical Residue Screening

Category 1		LOQ	LOD	Status
	µg/g	µg/g	µg/g	
Aldicarb	ND	0.065	0.022	Pass
Carbofuran	ND	0.030	0.009	Pass
Chlordane	ND	0.075	0.025	Pass
Chlorfenapyr	ND	0.075	0.025	Pass
Chlorpyrifos	ND	0.053	0.018	Pass
Coumaphos	ND	0.056	0.018	Pass
Daminozide	ND	0.079	0.026	Pass
Dichlorvos	ND	0.067	0.022	Pass
Dimethoate	ND	0.036	0.012	Pass
Ethoprophos	ND	0.053	0.017	Pass
Etofenprox	ND	0.030	0.008	Pass
Fenoxycarb	ND	0.043	0.014	Pass
Fipronil	ND	0.045	0.015	Pass
Imazalil	ND	0.047	0.016	Pass
Methiocarb	ND	0.047	0.016	Pass
Mevinphos	ND	0.042	0.014	Pass
Paclobutrazol	ND	0.040	0.013	Pass
Parathion Methyl	ND	0.024	0.008	Pass
Propoxur	ND	0.047	0.016	Pass
Spiroxamine	ND	0.032	0.011	Pass
Thiacloprid	ND	0.042	0.014	Pass

Mycotoxins		LOQ	LOD	Limit	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
B1	ND	7.88	2.6		Tested
B2	ND	6.18	2.04		Tested
G1	ND	8.99	2.97		Tested
G2	ND	5.72	1.89		Tested
Ochratoxin A	ND	11.72	3.87	20	Pass
Total Aflatoxins	ND			20	Pass

Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Abamectin	ND	0.030	0.010	0.3	Pass
Acephate	ND	0.050	0.016	5	Pass
Acequinocyl	ND	0.059	0.019	4	Pass
Acetamiprid	ND	0.044	0.015	5	Pass
Azoxystrobin	ND	0.029	0.010	40	Pass
Bifenazate	ND	0.035	0.012	5	Pass
Bifenthrin	ND	0.040	0.013	0.5	Pass
Boscalid	ND	0.060	0.020	10	Pass
Captan	ND	0.358	0.120	5	Pass
Carbaryl	ND	0.049	0.016	0.5	Pass
Chlorantraniliprole	ND	0.063	0.021	40	Pass
Clofentezine	ND	0.039	0.013	0.5	Pass
Cyfluthrin	ND	0.056	0.019	1	Pass
Cypermethrin	ND	0.044	0.015	1	Pass
Diazinon	ND	0.030	0.006	0.2	Pass
Dimethomorph	ND	0.042	0.014	20	Pass
Etoxazole	ND	0.030	0.008	1.5	Pass
Fenhexamid	ND	0.039	0.013	10	Pass
Fenpyroximate	ND	0.030	0.010	2	Pass
Flonicamid	ND	0.081	0.027	2	Pass
Fludioxonil	ND	0.046	0.015	30	Pass
Hexythiazox	ND	0.078	0.026	2	Pass
Imidacloprid	ND	0.071	0.023	3	Pass

Category 2		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g	
Kresoxim Methyl	ND	0.038	0.012	1	Pass
Malathion	ND	0.035	0.012	5	Pass
Metalaxyl	ND	0.031	0.010	15	Pass
Methomyl	ND	0.048	0.016	0.1	Pass
Myclobutanil	ND	0.055	0.018	9	Pass
Naled	ND	0.051	0.017	0.5	Pass
Oxamyl	ND	0.046	0.015	0.3	Pass
Pentachloronitrobenzene	ND	0.054	0.018	0.2	Pass
Permethrin	ND	0.030	0.008	20	Pass
Phosmet	ND	0.038	0.012	0.2	Pass
Piperonyl Butoxide	ND	0.030	0.008	8	Pass
Prallethrin	ND	0.068	0.023	0.4	Pass
Propiconazole	ND	0.059	0.019	20	Pass
Pyrethrins	ND	0.030	0.004	1	Pass
Pyridaben	ND	0.035	0.012	3	Pass
Spinetoram	ND	0.030	0.006	3	Pass
Spinosad	ND	0.030	0.004	3	Pass
Spiromesifen	ND	0.042	0.014	12	Pass
Spirotetramat	ND	0.041	0.013	13	Pass
Tebuconazole	ND	0.044	0.014	2	Pass
Thiamethoxam	ND	0.055	0.018	4.5	Pass
Trifloxystrobin	ND	0.031	0.010	30	Pass

Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.

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Josh M Swider

Josh Swider
Lab Director, Managing Partner
10/09/2024

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