

Certificate of Analysis

Produced: Apr 07, 2025

Sample: Whole Flower Fluid (Tincture) • Client: Whole Flower Fluid • Batch: Pass
100 liter batch



Batch No.: 0425
Matrix: Tincture
Sample ID: ICC-250403-34-001
Collected on: Apr 03, 2025
Received on: Apr 03, 2025
Sample Size:
Received By: Rebecca Fischer
Package Size: 5.85 g

Batch Result: Pass

Potency	Tested
Terpenes	Tested
Solvents	Pass
Metals	Pass
Pesticides	Pass

Cannabinoid Overview

Total THC:	4.98 mg/pkg
Total CBD:	191 mg/pkg
Total Cannabinoids:	211 mg/pkg
Sum of Cannabinoids:	213 mg/pkg
Sum of Terpenes:	2.44 mg/pkg

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

Analyte	Amt	Amt	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt	Amt	LOD/LOQ (mg/g)	Pass/Fail
CBC	0.0640 %	0.64 mg/g	0.0246/0.0736	N/A	THCA	ND	ND	0.0137/0.0410	N/A
CBD	3.00 %	30 mg/g	0.00751/0.0372	N/A	THCV	ND	ND	0.00459/0.0372	N/A
CBDA	0.309 %	3.1 mg/g	0.0180/0.0538	N/A	Total THC**	0.0851 %	0.85 mg/g		N/A
CBDV	0.0689 %	0.69 mg/g	0.00595/0.0372	N/A	Total CBD**	3.27 %	33 mg/g		N/A
CBG	0.0714 %	0.71 mg/g	0.00848/0.0372	N/A	CBD/Pkg	176 mg			N/A
CBGA	0.0395 %	0.40 mg/g	0.0132/0.0397	N/A	Δ ⁹ -THC/Pkg	4.98 mg			N/A
CBL	ND	ND	0.00586/0.0372	N/A	Total THC/Pkg**	4.98 mg			N/A
CBN	0.00390 %	0.039 mg/g	0.00848/0.0372	N/A	Total CBD/Pkg**	191 mg			N/A
CBT	ND	ND	0.0106/0.0372	N/A	Total Cannabinoids**	3.60 %	36 mg/g		N/A
Δ ⁸ -THC	ND	ND	0.00602/0.0372	N/A	Total Cannabinoids/Pkg**	211 mg			N/A
Δ ⁹ -THC	0.0851 %	0.85 mg/g	0.00993/0.0372	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.



TERP-INST-003, TERP-PREP-001: TERP-INST-003, TERP-PREP-001: Terpene Testing by GC-MS • Apr 04, 2025

Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)
Total Terpenes	0.0417	0.417		Cedrol	ND	ND	0.0690/0.207
β-Myrcene	0.0233	0.233	0.0150/0.153	cis-Nerolidol	ND	ND	0.0840/0.251
α-Pinene	0.0184	0.184	0.0220/0.151	Δ ³ -Carene	ND	ND	0.0240/0.306
α-Humulene	< LOQ	< LOQ	0.0260/0.151	Eucalyptol	ND	ND	0.0810/0.244
β-Caryophyllene	< LOQ	< LOQ	0.179/0.608	Fenchol	ND	ND	0.0240/0.152
Guaiol	< LOQ	< LOQ	0.0290/0.154	Fenchone	ND	ND	0.0250/0.151
(-)-β-Citronellol	ND	ND	0.120/0.598	γ-Terpinene	ND	ND	0.0330/0.152
α-Bisabolol	ND	ND	0.0640/0.193	Geraniol	ND	ND	0.114/0.609
α-Cedrene	ND	ND	0.0320/0.151	Geranyl Acetate	ND	ND	0.0300/0.151
α-Terpinene	ND	ND	0.0540/0.163	Isoborneol	ND	ND	0.0330/0.151
α-Terpineol	ND	ND	0.0330/0.154	Limonene	ND	ND	0.150/0.449
β-Eudesmol	ND	ND	0.0760/0.227	Linalool	ND	ND	0.0360/0.154
β-Pinene	ND	ND	0.0270/0.306	Menthol	ND	ND	0.0720/0.215
Borneol	ND	ND	0.0240/0.154	p-Cymene	ND	ND	0.0580/0.175
Camphene	ND	ND	0.0170/0.151	Pulegone	ND	ND	0.0560/0.169
Camphor	ND	ND	0.0550/0.306	Terpinolene	ND	ND	0.0130/0.154
Caryophyllene Oxide	ND	ND	0.113/0.602	trans-Nerolidol	ND	ND	0.0740/0.222

RS-PREP-001, RS-INST-003: RS-PREP-001, RS-INST-003: Residual Solvents by GC-MS • Apr 04, 2025

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/ml)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/ml)	Pass/Fail
1,2-Dichloroethane	1	ND	0.167/0.510	Pass	Hexane	290	ND	0.0662/0.282	Pass
Acetone	5000	ND	17.1/51.4	Pass	Isopropyl alcohol	5000	7.09	1.28/3.85	Pass
Acetonitrile	410	ND	0.120/0.360	Pass	Methanol	3000	< LOQ	2.98/8.94	Pass
Benzene	1	ND	0.0211/0.0641	Pass	Methylene chloride	1	ND	0.127/0.731	Pass
Butane	5000	ND	0.974/4.86	Pass	Pentane	5000	ND	0.965/4.28	Pass
Chloroform	1	ND	0.0361/0.108	Pass	Propane	5000	ND	4.45/13.3	Pass
Ethanol	5000	ND	2.62/7.87	Pass	Toluene	890	ND	0.0883/0.867	Pass
Ethyl acetate	5000	ND	0.314/2.29	Pass	Trichloroethylene	1	ND	0.0181/0.145	Pass
Ethylene oxide	1	ND	0.153/0.581	Pass	o-Xylene		ND	0.101/0.859	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	0.689/2.87	Pass	Total xylenes	2170	ND	0.0168/0.143	Pass

HM-PREP-001, HM-INST-003: HM-PREP-001, HM-INST-003: Heavy Metals Testing by ICP-MS • Apr 03, 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	0.0103	0.00100/0.00400	Pass
Cadmium	0.5	ND	0.00100/0.00200	Pass	Mercury	3	ND	0.00500/0.0140	Pass



PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Pesticide Analysis by LC-MS/MS • Apr 04, 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	Malathion	5	ND	0.00485/0.0300	Pass
Abamectin Ba		ND	0.0330/0.0990	N/A	Metalaxyl	15	ND	0.00340/0.0300	Pass
Acephate	5	ND	0.0209/0.0635	Pass	Methiocarb	Any amt	ND	0.00542/0.0300	Pass
Acequinocyl	4	ND	0.0115/0.0347	Pass	Methomyl	0.1	ND	0.00645/0.0300	Pass
Acetamiprid	5	ND	0.00581/0.0300	Pass	Mevinphos	Any amt	ND	0.0105/0.0319	Pass
Aldicarb	Any amt	ND	0.00935/0.0300	Pass	Myclobutanil	9	ND	0.00735/0.0300	Pass
Azoxystrobin	40	ND	0.00322/0.0300	Pass	Naled	0.5	ND	0.00459/0.0300	Pass
Bifenazate	5	ND	0.00473/0.0300	Pass	Oxamyl	0.2	ND	0.00850/0.0300	Pass
Bifenthrin	0.5	ND	0.00583/0.0300	Pass	Paclobutrazol	Any amt	ND	0.00577/0.0300	Pass
Boscalid	10	ND	0.00747/0.0300	Pass	Permethrin	20	ND	0.00178/0.0300	Pass
Carbaryl	0.5	ND	0.00404/0.0300	Pass	Permethrin cis		ND	0.0200/0.0300	N/A
Carbofuran	Any amt	ND	0.00239/0.0300	Pass	Permethrin trans		ND	0.0200/0.0300	N/A
Chlorantraniliprole	40	ND	0.00563/0.0300	Pass	Phosmet	0.2	ND	0.00527/0.0300	Pass
Chlorpyrifos	Any amt	ND	0.00807/0.0300	Pass	Piperonylbutoxide	8	ND	0.00635/0.0300	Pass
Clofentezine	0.5	ND	0.00464/0.0300	Pass	Prallethrin	0.4	ND	0.0180/0.0546	Pass
Coumaphos	Any amt	ND	0.00463/0.0300	Pass	Propiconazole	20	ND	0.0124/0.0375	Pass
Daminozide	Any amt	ND	0.0107/0.0325	Pass	Propoxur	Any amt	ND	0.00524/0.0300	Pass
Diazinon	0.2	ND	0.00926/0.0300	Pass	Pyrethrins	1	ND	0.00192/0.0300	Pass
Dichlorvos	Any amt	ND	0.00728/0.0300	Pass	Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Dimethoate	Any amt	ND	0.00650/0.0300	Pass	Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Dimethomorph	20	ND	0.00871/0.0300	Pass	Pyridaben	3	ND	0.00547/0.0300	Pass
Ethoprophos	Any amt	ND	0.00391/0.0300	Pass	Spinetoram	3	ND	0.00295/0.0300	Pass
Etofenprox	Any amt	ND	0.00550/0.0300	Pass	Spinetoram J		ND	0.00500/0.0100	N/A
Etoxazole	1.5	ND	0.00349/0.0300	Pass	Spinetoram L		ND	0.00500/0.0100	N/A
Fenhexamid	10	ND	0.00833/0.0300	Pass	Spinosad	3	ND	0.00275/0.0300	Pass
Fenoxycarb	Any amt	ND	0.00572/0.0300	Pass	Spinosad A		ND	0.00500/0.0100	N/A
Fenpyroximate	2	ND	0.00549/0.0300	Pass	Spinosad D		ND	0.00500/0.0100	N/A
Fipronil	Any amt	ND	0.00771/0.0300	Pass	Spiromesifen	12	ND	0.00540/0.0300	Pass
Flonicamid	2	ND	0.0151/0.0458	Pass	Spirotetramat	13	ND	0.00648/0.0300	Pass
Fludioxonil	30	ND	0.0158/0.0478	Pass	Spiroxamine	Any amt	ND	0.00264/0.0300	Pass
Hexythiazox	2	ND	0.0102/0.0308	Pass	Tebuconazole	2	ND	0.00895/0.0300	Pass
Imazalil	Any amt	ND	0.00863/0.0300	Pass	Thiacloprid	Any amt	ND	0.00177/0.0300	Pass
Imidacloprid	3	ND	0.00861/0.0300	Pass	Thiamethoxam	4.5	ND	0.00553/0.0300	Pass
Kresoxim-methyl	1	ND	0.00703/0.0300	Pass	Trifloxystrobin	30	ND	0.00234/0.0300	Pass

PEST-GC-PREP-001, PEST-GC-INST-003: PEST-GC-PREP-001, PEST-GC-INST-003: Pesticide Analysis by GC-MS/MS • Apr 04, 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					



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