Certificate of Analysis

Produced: Apr 07, 2025

Sample: Whole Flower Fluid (Tincture) • **Client**: Culture For Good • **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
CBC	0.0640 %	0.64 mg/g	0.0246/0.0736	N/A
CBD	3.00 %	30 mg/g	0.00751/0.0372	N/A
CBDA	0.309 %	3.1 mg/g	0.0180/0.0538	N/A
CBDV	0.0689 %	0.69 mg/g	0.00595/0.0372	N/A
CBG	0.0714 %	0.71 mg/g	0.00848/0.0372	N/A
CBGA	0.0395 %	0.40 mg/g	0.0132/0.0397	N/A
CBL	ND	ND	0.00586/0.0372	N/A
CBN	0.00390 %	0.039 mg/g	0.00848/0.0372	N/A
CBT	ND	ND	0.0106/0.0372	N/A
Δ^8-THC	ND	ND	0.00602/0.0372	N/A
Δ^9-THC	0.0851 %	0.85 mg/g	0.00993/0.0372	N/A

Analyte	Amt	Amt	LOD/LOQ (mg/g)	Pass/Fail
THCA	ND	ND	0.0137/0.0410	N/A
THCV	ND	ND	0.00459/0.0372	N/A
Total THC**	0.0851 %	0.85 mg/g		N/A
Total CBD**	3.27 %	33 mg/g		N/A
CBD/Pkg	176 mg			N/A
Δ^9-THC/Pkg	4.98 mg			N/A
Total THC/Pkg**	4.98 mg			N/A
Total CBD/Pkg**	191 mg			N/A
Total Cannabinoids**	3.60 %	36 mg/g		N/A
Total Cannabinoids/Pkg**	211 mg			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.

Results Certified By: David Marelius PhD
Lab Director, Infinite Chemical Analysis Labs, CA
Apr 07, 2025

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)
Total Terpenes	0.0417	0.417	
β-Myrcene	0.0233	0.233	0.0150/0.153
α-Pinene	0.0184	0.184	0.0220/0.151
α-Humulene	< LOQ	< LOQ	0.0260/0.151
β-Caryophyllene	< LOQ	< LOQ	0.179/0.608
Guaiol	< LOQ	< LOQ	0.0290/0.154
(-)-β-Citronellol	ND	ND	0.120/0.598
α-Bisabolol	ND	ND	0.0640/0.193
α-Cedrene	ND	ND	0.0320/0.151
α-Terpinene	ND	ND	0.0540/0.163
α-Terpineol	ND	ND	0.0330/0.154
β-Eudesmol	ND	ND	0.0760/0.227
β-Pinene	ND	ND	0.0270/0.306
Borneol	ND	ND	0.0240/0.154
Camphene	ND	ND	0.0170/0.151
Camphor	ND	ND	0.0550/0.306
Caryophyllene Oxide	ND	ND	0.113/0.602

Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)
Cedrol	ND	ND	0.0690/0.207
cis-Nerolidol	ND	ND	0.0840/0.251
Δ^3-Carene	ND	ND	0.0240/0.306
Eucalyptol	ND	ND	0.0810/0.244
Fenchol	ND	ND	0.0240/0.152
Fenchone	ND	ND	0.0250/0.151
γ-Terpinene	ND	ND	0.0330/0.152
Geraniol	ND	ND	0.114/0.609
Geranyl Acetate	ND	ND	0.0300/0.151
Isoborneol	ND	ND	0.0330/0.151
Limonene	ND	ND	0.150/0.449
Linalool	ND	ND	0.0360/0.154
Menthol	ND	ND	0.0720/0.215
p-Cymene	ND	ND	0.0580/0.175
Pulegone	ND	ND	0.0560/0.169
Terpinolene	ND	ND	0.0130/0.154
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
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	2.62/7.87	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	7.09	1.28/3.85	Pass
Methanol	3000	< LOQ	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	0.0883/0.867	Pass
Trichloroethylene	1	ND	0.0181/0.145	Pass
o-Xylene		ND	0.101/0.859	N/A
p- and m-Xylene		ND	0.116/1.72	N/A
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
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	0.0103	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
Apr 07, 2025

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
Abamectin	0.3	ND	0.0500/0.100	Pass
Abamectin Ba		ND	0.0330/0.0990	N/A
Acephate	5	ND	0.0209/0.0635	Pass
Acequinocyl	4	ND	0.0115/0.0347	Pass
Acetamiprid	5	ND	0.00581/0.0300	Pass
Aldicarb	Any amt	ND	0.00935/0.0300	Pass
Azoxystrobin	40	ND	0.00322/0.0300	Pass
Bifenazate	5	ND	0.00473/0.0300	Pass
Bifenthrin	0.5	ND	0.00583/0.0300	Pass
Boscalid	10	ND	0.00747/0.0300	Pass
Carbaryl	0.5	ND	0.00404/0.0300	Pass
Carbofuran	Any amt	ND	0.00239/0.0300	Pass
Chlorantraniliprole	40	ND	0.00563/0.0300	Pass
Chlorpyrifos	Any amt	ND	0.00807/0.0300	Pass
Clofentezine	0.5	ND	0.00464/0.0300	Pass
Coumaphos	Any amt	ND	0.00463/0.0300	Pass
Daminozide	Any amt	ND	0.0107/0.0325	Pass
Diazinon	0.2	ND	0.00926/0.0300	Pass
Dichlorvos	Any amt	ND	0.00728/0.0300	Pass
Dimethoate	Any amt	ND	0.00650/0.0300	Pass
Dimethomorph	20	ND	0.00871/0.0300	Pass
Ethoprophos	Any amt	ND	0.00391/0.0300	Pass
Etofenprox	Any amt	ND	0.00550/0.0300	Pass
Etoxazole	1.5	ND	0.00349/0.0300	Pass
Fenhexamid	10	ND	0.00833/0.0300	Pass
Fenoxycarb	Any amt	ND	0.00572/0.0300	Pass
Fenpyroximate	2	ND	0.00549/0.0300	Pass
Fipronil	Any amt	ND	0.00771/0.0300	Pass
Flonicamid	2	ND	0.0151/0.0458	Pass
Fludioxonil	30	ND	0.0158/0.0478	Pass
Hexythiazox	2	ND	0.0102/0.0308	Pass
Imazalil	Any amt	ND	0.00863/0.0300	Pass
Imidacloprid	3	ND	0.00861/0.0300	Pass
Kresoxim-methyl	1	ND	0.00703/0.0300	Pass

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Malathion	5	ND	0.00485/0.0300	Pass
Metalaxyl	15	ND	0.00340/0.0300	Pass
Methiocarb	Any amt	ND	0.00542/0.0300	Pass
Methomyl	0.1	ND	0.00645/0.0300	Pass
Mevinphos	Any amt	ND	0.0105/0.0319	Pass
Myclobutanil	9	ND	0.00735/0.0300	Pass
Naled	0.5	ND	0.00459/0.0300	Pass
Oxamyl	0.2	ND	0.00850/0.0300	Pass
Paclobutrazol	Any amt	ND	0.00577/0.0300	Pass
Permethrin	20	ND	0.00178/0.0300	Pass
Permethrin cis		ND	0.0200/0.0300	N/A
Permethrin trans		ND	0.0200/0.0300	N/A
Phosmet	0.2	ND	0.00527/0.0300	Pass
Piperonylbutoxide	8	ND	0.00635/0.0300	Pass
Prallethrin	0.4	ND	0.0180/0.0546	Pass
Propiconazole	20	ND	0.0124/0.0375	Pass
Propoxur	Any amt	ND	0.00524/0.0300	Pass
Pyrethrins	1	ND	0.00192/0.0300	Pass
Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Pyridaben	3	ND	0.00547/0.0300	Pass
Spinetoram	3	ND	0.00295/0.0300	Pass
Spinetoram J		ND	0.00500/0.0100	N/A
Spinetoram L		ND	0.00500/0.0100	N/A
Spinosad	3	ND	0.00275/0.0300	Pass
Spinosad A		ND	0.00500/0.0100	N/A
Spinosad D		ND	0.00500/0.0100	N/A
Spiromesifen	12	ND	0.00540/0.0300	Pass
Spirotetramat	13	ND	0.00648/0.0300	Pass
Spiroxamine	Any amt	ND	0.00264/0.0300	Pass
Tebuconazole	2	ND	0.00895/0.0300	Pass
Thiacloprid	Any amt	ND	0.00177/0.0300	Pass
Thiamethoxam	4.5	ND	0.00553/0.0300	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
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

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
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

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