



Certificate of Analysis

Sample provided to the laboratory by the client and tested as received.

Powered by Confident Cannabis
1 of 7

FSOil

33739 S Meridian Rd
Woodburn, OR 97071
summer.laforce@fsoil.com
(808) 343-1024
Lic. #AG-R1047947IHH

Sample: 2105CH0490.2283

Strain: CHSO-CNOH-04-21

Batch#: ; Batch Size: g

Sample Received: 05/27/2021; Report Created: 06/01/2021

Harvest/Production Date:

Sampling: Random; Environment: Room Temp

4626-60068 (1of2)

Concentrates & Extracts, Full Extract Cannabis Oil, CO2
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Analyte

THCa

Δ9-THC

Δ8-THC

THCV

CBDa

CBD

Analyte

CBDV

CBN

CBGa

CBG

CBC

Cannabinoids

946 HPLC3 20210528-2

05/28/2021 | METRC THC RPD Status: Pass ; METRC CBD RPD Status: Pass

2.87%

Total THC* (Calculated
Decarboxylated Potential)

70.89%

Total CBD** (Calculated
Decarboxylated Potential)

78.82%

Total Cannabinoids Analyzed

1 Serving = , g
servings/container

Pass

Analyte	LOQ	Mass	Mass
	mg/g	mg/g	%
THCa	2.1	<LOQ	<LOQ
Δ9-THC	2.1	28.7	2.87
Δ8-THC	2.1	<LOQ	<LOQ
THCV	2.1	<LOQ	<LOQ
CBDa	2.1	<LOQ	<LOQ
CBD	2.1	708.9	70.89
CBDV	2.1	6.0	0.60
CBN	2.1	<LOQ	<LOQ
CBGa	2.1	<LOQ	<LOQ
CBG	2.1	12.1	1.21
CBC	2.1	32.5	3.25
Total		788.2	78.82

Method: CH SOP 4400

*Total THC = THCa * 0.877 + d9-THC. **Total CBD = CBDa * 0.877 + CBD. LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected

>ULOQ = above upper LOQ. ULOQ for pre-harvest hemp = 5% and 4% for CannaZoom Concentrates.



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Concentrates & Extracts, Full Extract Cannabis Oil, CO2
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Residual Solvents

233 GCMS3 20210528-2
05/28/2021
METRC RPD Status: Not Tested

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
1,4-Dioxane	59	380	<LOQ	Pass
2-Butanol	59	5000	<LOQ	Pass
2-Ethoxy-Ethanol	59	160	<LOQ	Pass
Acetone	59	5000	247	Pass
Acetonitrile	59	410	<LOQ	Pass
Benzene	2	2	<LOQ	Pass
Butanes	59	5000	<LOQ	Pass
Cumene	59	70	<LOQ	Pass
Cyclohexane	59	3880	<LOQ	Pass
Dichloromethane	59	600	<LOQ	Pass
Ethanol	118	5000	<LOQ	Pass
Ethyl-Acetate	59	5000	<LOQ	Pass
Ethyl-Ether	59	5000	<LOQ	Pass
Ethylene Glycol	59	620	<LOQ	Pass
Ethylene Oxide	15	50	<LOQ	Pass
Heptane	59	5000	<LOQ	Pass
Hexanes	59	290	<LOQ	Pass
Isopropanol	59	5000	<LOQ	Pass
Isopropyl-Acetate	59	5000	<LOQ	Pass
Methanol	59	3000	<LOQ	Pass
Pentanes	59	5000	<LOQ	Pass
Propane	59	5000	<LOQ	Pass
Tetrahydrofuran	59	720	<LOQ	Pass
Toluene	59	890	<LOQ	Pass
Xylenes	59	2170	<LOQ	Pass

LOQ = Limit of Quantification; PPM = Parts Per Million; NR = Not Reported; ND = Not Detected. >ULOQ = greater than upper LOQ. ULOQ = 2,500ppm for 1,4-Dioxane, 2-Ethoxy-Ethanol, Cumene, and Xylenes; 5,000ppm all other analytes. Method: EPA 8260C, Agilent 6890A GCMS with 7679A Headspace Autosampler; ORELAP ID 4057



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4626-60068 (1of2)

Concentrates & Extracts, Full Extract Cannabis Oil, CO2

Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Pesticides

1210 LCQQQ3 20210528-3
05/29/2021

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB			PPB	PPB	PPB	
Abamectin	400	500	<LOQ	Pass	Imazalil	100	200	<LOQ	Pass
Acephate	100	400	<LOQ	Pass	Imidacloprid	100	400	<LOQ	Pass
Acequinocyl	400	2000	<LOQ	Pass	Kresoxim Methyl	100	400	<LOQ	Pass
Acetamiprid	100	200	<LOQ	Pass	Malathion	100	200	<LOQ	Pass
Aldicarb	200	400	<LOQ	Pass	Metalaxyl	100	200	<LOQ	Pass
Azoxystrobin	100	200	<LOQ	Pass	Methiocarb	100	200	<LOQ	Pass
Bifenazate	100	200	<LOQ	Pass	Methomyl	100	400	<LOQ	Pass
Bifenthrin	100	200	<LOQ	Pass	Methyl Parathion	100	200	<LOQ	Pass
Boscalid	200	400	<LOQ	Pass	MGK-264	100	200	<LOQ	Pass
Carbaryl	100	200	<LOQ	Pass	Myclobutanil	100	200	<LOQ	Pass
Carbofuran	100	200	<LOQ	Pass	Naled	100	500	<LOQ	Pass
Chlorantraniliprole	100	200	<LOQ	Pass	Oxamyl	100	1000	<LOQ	Pass
Chlorfenapyr	400	1000	<LOQ	Pass	Paclobutrazol	100	400	<LOQ	Pass
Chlorpyrifos	100	200	<LOQ	Pass	Permethrins	100	200	190	Pass
Clofentezine	100	200	<LOQ	Pass	Phosmet	100	200	<LOQ	Pass
Cyfluthrin	400	1000	<LOQ	Pass	Piperonyl Butoxide	100	2000	<LOQ	Pass
Cypermethrin	400	1000	<LOQ	Pass	Prallethrin	100	200	<LOQ	Pass
Daminozide	400	1000	<LOQ	Pass	Propiconazole	200	400	<LOQ	Pass
Diazinon	100	200	<LOQ	Pass	Propoxur	100	200	<LOQ	Pass
Dichlorvos	200	1000	<LOQ	Pass	Pyrethrins	200	1000	<LOQ	Pass
Dimethoate	100	200	<LOQ	Pass	Pyridaben	100	200	<LOQ	Pass
Ethoprophos	100	200	<LOQ	Pass	Spinosad	100	200	<LOQ	Pass
Etofenprox	200	400	<LOQ	Pass	Spiromesifen	100	200	<LOQ	Pass
Etoxazole	100	200	<LOQ	Pass	Spirotetramat	100	200	<LOQ	Pass
Fenoxycarb	100	200	<LOQ	Pass	Spiroxamine	100	400	<LOQ	Pass
Fenpyroximate	200	400	<LOQ	Pass	Tebuconazole	100	400	<LOQ	Pass
Fipronil	100	400	<LOQ	Pass	Thiacloprid	100	200	<LOQ	Pass
Flonicamid	200	1000	<LOQ	Pass	Thiamethoxam	100	200	<LOQ	Pass
Fludioxonil	200	400	<LOQ	Pass	Trifloxystrobin	100	200	<LOQ	Pass
Hexythiazox	200	1000	<LOQ	Pass					

Method: Modified AOAC 2007.01, Triple Quad analysis; LOQ = Limit of Quantification; PPB = Parts Per Billion; ND = Not Detected; NR = Not Reported; ORELAP ID 4057



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4626-60068 (1of2)

Concentrates & Extracts, Full Extract Cannabis Oil, CO2
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Terpenes

906 GCFID1 20210528-1
05/28/2021

Analyte	Mass	Mass	LOQ		Analyte	Mass	Mass	LOQ	
	%	mg/g	%			%	mg/g	%	
cis-Phytol	<LOQ	<LOQ	0.02		γ-Terpinene	<LOQ	<LOQ	0.02	
Valencene	0.13	1.3	0.02		Anisole	<LOQ	<LOQ	0.02	
Sabinene	<LOQ	<LOQ	0.02		Fenchone	<LOQ	<LOQ	0.02	
Ocimene 1	<LOQ	<LOQ	0.02		Isoborneol	<LOQ	<LOQ	0.02	
Geraniol	<LOQ	<LOQ	0.02		δ-Limonene	<LOQ	<LOQ	0.02	
Neral	<LOQ	<LOQ	0.02		Ocimene 2	<LOQ	<LOQ	0.02	
α-Humulene	0.49	4.9	0.02		Camphene	<LOQ	<LOQ	0.02	
α-Terpinene	<LOQ	<LOQ	0.02		α-Phellandrene	<LOQ	<LOQ	0.02	
trans-Phytol	0.24	2.4	0.02		γ-Terpineol	<LOQ	<LOQ	0.02	
Caryophyllene Oxide	0.06	0.6	0.02		Geranyl Acetate	<LOQ	<LOQ	0.02	
(-)-β-Pinene	<LOQ	<LOQ	0.02		β-Caryophyllene	0.99	9.9	0.02	
α-Pinene	<LOQ	<LOQ	0.02		Sabinene Hydrate	<LOQ	<LOQ	0.02	
Camphor	<LOQ	<LOQ	0.02		Nerol	<LOQ	<LOQ	0.02	
(-)-α-Bisabolol	0.41	4.1	0.02		trans-Nerolidol	0.07	0.7	0.02	
α-Cedrene	<LOQ	<LOQ	0.02		Borneol	<LOQ	<LOQ	0.02	
Terpinolene	<LOQ	<LOQ	0.02		Hexahydro Thymol	<LOQ	<LOQ	0.02	
Endo-Fenchyl Alcohol	<LOQ	<LOQ	0.02		Squalene	0.03	0.3	0.02	
p-Isopropyltoluene	<LOQ	<LOQ	0.02		δ-3-Carene	<LOQ	<LOQ	0.02	
Azulene	<LOQ	<LOQ	0.02		Eucalyptol	<LOQ	<LOQ	0.02	
α-Terpineol	<LOQ	<LOQ	0.02		Eugenol	<LOQ	<LOQ	0.02	
Cedrol	<LOQ	<LOQ	0.02		(-)-Isopulegol	<LOQ	<LOQ	0.02	
Citral	<LOQ	<LOQ	0.02		Pulegone	<LOQ	<LOQ	0.02	
(-)-Guaiaol	0.28	2.8	0.02		cis-Nerolidol	<LOQ	<LOQ	0.02	
Linalool	0.04	0.4	0.02		β-Farnesene	<LOQ	<LOQ	0.02	
Neryl Acetate	<LOQ	<LOQ	0.02		cis-β-Farnesene	0.68	6.8	0.02	
β-Myrcene	<LOQ	<LOQ	0.02		α-Farnesene	<LOQ	<LOQ	0.02	

Primary Aromas

3.42%

Total Terpenes



Cinnamon



Magnolia



Hops



Chamomile



Wood

Method: GC-FID CH SOP 401; based on dry weight; LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected



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Harvest/Production Date:
Sampling: Random; Environment: Room Temp

4626-60068 (1of2)

Concentrates & Extracts, Full Extract Cannabis Oil, CO2
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Microbials

Complete

Analyte	Limit	Units	Status
Yeast & Mold	CFU/g	CFU/g <LOQ	Tested

Method: AOAC Method 997.02 & 990.12; Based on wet weight; CFU = Colony Forming Unit; TNC = Too Numerous to Count; NR = Not Reported; ND = Not Detected



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4626-60068 (1of2)

Concentrates & Extracts, Full Extract Cannabis Oil, CO2
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
233 GCM53 20210528-2	RS05272103	Required Solvents	Sample Duplicate

QC Notes

None

Compound	Blank	LCS	Matrix Result	Matrix Duplicate Result	Matrix Spike Result	LCS Expected	Units	LCS % Rec.	Acceptance Criteria
Xylenes	0	1373	0	0	1095	1125	PPM	122.044	70%-130%
1,4-Dioxane	0	466	0	0	422	408	PPM	114.216	70%-130%
2-Butanol	0	486	0	0	383	457	PPM	106.346	70%-130%
2-Ethoxy-Ethanol	0	435	0	0	349	372	PPM	116.935	70%-130%
2-Methyl-Butane	0	474	0	0	412	467	PPM	101.499	70%-130%
2-Methyl-Pentane	0	476	0	0	420	483	PPM	98.551	70%-130%
2,2-Dimethyl-Butane	0	506	0	0	430	474	PPM	106.751	70%-130%
2,3-Dimethyl-Butane	0	472	0	0	414	485	PPM	97.320	70%-130%
3-Methyl-Pentane	0	514	0	0	428	474	PPM	108.439	70%-130%
Acetone	0	492	247	251	681	461	PPM	106.725	70%-130%
Acetonitrile	8	498	6	6	457	449	PPM	110.913	70%-130%
Benzene	0	524.7	0	0	441.6	449	PPM	116.860	70%-130%
Butane	0	492	15	14	470	444	PPM	110.811	70%-130%
Cumene	0	411	0	0	310	374	PPM	109.893	70%-130%
Cyclohexane	0	511	0	0	424	469	PPM	108.955	70%-130%
Dichloro-Methane	0	463	0	0	420	464	PPM	99.784	70%-130%
Ethyl-Acetate	0	523	0	0	422	448	PPM	116.741	70%-130%
Ethyl-Benzene	0	462	0	0	364	388	PPM	119.072	70%-130%
Ethyl-Ether	0	510	0	0	443	473	PPM	107.822	70%-130%
Ethylene Glycol	0	270	0	0	254	235	PPM	114.894	70%-130%
Ethylene Oxide	0	522	0	0	448	478	PPM	109.205	70%-130%
Heptane	0	488	0	0	405	469	PPM	104.051	70%-130%
Isobutane	0	476	0	0	441	432	PPM	110.185	70%-130%
Isopropyl-Acetate	0	478	0	0	397	440	PPM	108.636	70%-130%
Isopropyl Alcohol	14	514	22	21	456	457	PPM	112.473	70%-130%
Methanol	4	579	8	12	519	473	PPM	122.410	70%-130%
Neopentane	0	514	0	0	473	457	PPM	112.473	70%-130%
n-Hexane	0	515	0	0	444	469	PPM	109.808	70%-130%
Pentane	0	479	0	0	419	467	PPM	102.570	70%-130%
Propane	0	444	0	0	384	428	PPM	103.738	70%-130%



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QC Notes

None

Compound	Blank	LCS	Matrix Result	Matrix Duplicate Result	Matrix Spike Result	LCS Expected	Units	LCS % Rec.	Acceptance Criteria
Tetrahydrofuran	0	501	0	0	397	452	PPM	110.841	70%-130%
Toluene	0	463	0	0	375	415	PPM	111.566	70%-130%



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