



SunFlora Inc.
 Order #: 84527
 Retail Batch #:
 2000mg Full
 Spectrum Whole
 Plant Strawberry
 Tincture
 (112023FSWP)

CERTIFICATE OF ANALYSIS
 ISO/IEC: 17025:2017 Accreditation #:
 103104
 License #: CMTL-0004

Order Information

Order #: 84527
 Order Name: 2000mg Full Spectrum Whole
 Plant Strawberry Tincture (112023FSWP)
 Retail Batch #: 2000mg Full Spectrum Whole
 Plant Strawberry Tincture (112023FSWP)
 Received: 11/17/2023 14:16:14
 Complete: 11/27/2023 13:19:58

Batch Information

Create Date: Total Qty.: 0
 Exp. Date: Matrix: Tincture
 Size: 0 Pickup Weight: N/A

CANNABINOID PROFILE
TESTED

LABEL CLAIM
PASS

MICROBIAL ANALYSIS
PASS

RESIDUAL SOLVENTS
PASS

AGRICULTURAL AGENTS
PASS

HEAVY METAL ANALYSIS
PASS

TERPENES TOTAL
TESTED

MOISTURE ANALYSIS
NOT TESTED

WATER ACTIVITY
TESTED

FILTH & FOREIGN MATERIAL
 ANALYSIS
PASS

HOMOGENEITY
NOT TESTED

MYCOTOXIN ANALYSIS
PASS



0.2435 %
 Total THC

6.8225 %
 Total CBD

7.7887 %
 Total Cannabinoids

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida
 4001 SW 47th Avenue, Suite 208
 Davie, FL 33314
 (954) 514-9343





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Sample Prep

Tech: 4090
 SOP: 418
 Batch Number: 61851
 Batch Date: 11/17/2023 15:39:50

Sample Analysis

Date/Time: 11/20/2023 16:09:43
 Tech: 1012
 SOP: 417
 Final Weight: 0.2088 g
 Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.2435 % Total THC	2.301 mg THC Per Unit	69.032 mg THC Per Pkg
6.8225 % Total CBD	64.473 mg CBD Per Unit	1934.179 mg CBD Per Pkg
7.7887 % Total Cannabinoids	73.603 mg Cannabinoids Per Unit	2208.096 mg Cannabinoids Per Pkg

Cannabinoid Potency

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.064/0.1954	1	0.3668	3.668	3.466	103.988	--	--
CBD	0.064/0.1954	1	6.8225	68.225	64.473	1934.179	2000	3.3
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBG	0.064/0.1954	1	0.2727	2.727	2.577	77.310	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
d8-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THC	0.064/0.1954	1	0.2435	2.435	2.301	69.032	--	--
THCA	0.064/0.1954	1	ND	ND	ND	ND	--	--
THCV	0.064/0.1954	1	ND	ND	ND	ND	--	--

Additional Cannabinoids

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBDVA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBL	0.064/0.1954	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
CBT	0.064/0.1954	1	0.0832	0.832	0.786	23.587	--	--
d10-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THCP	0.064/0.1954	1	ND	ND	ND	ND	--	--
exo-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--

mg/unit = 1 (g) per unit x 0.945 (g/ml) x cannabinoid concentration (mg/g)
 Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
 ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

CANNABINOID TOTALS	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE
Total THC	0.2435	2.435	2.301	69.032
Total CBD	6.8225	68.225	64.473	1934.179
Total Cannabinoids	7.7887	77.887	73.603	2208.096

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 4090
 SOP: 402
 Batch Number: 61861
 Batch Date: 11/20/2023 14:01:51

Sample Analysis

Date/Time: 11/22/2023 15:15:47
 Tech: 2816
 SOP: 402
 Final Weight: 0.5049 g
 Volume: 10 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL (ppm)	RESULTS (ppm)
Captan	0.07/0.1	1	3	ND
Chlordane	0.01/0.1	1	0.1	ND
Chlorfenapyr	0.01/0.1	1	0.1	ND
Coumaphos	0.01/0.1	1	0.1	ND
Cyfluthrin	0.01/0.1	1	1	ND
Cypermethrin	0.01/0.1	1	1	ND
Methyl parathion	0.01/0.1	1	0.1	ND
Pentachloronitrobenzene	0.01/0.1	1	0.2	ND

MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Tech: 4090
 SOP: 432
 Batch Number: 61863
 Batch Date: 11/20/2023 17:17:47

Sample Analysis

Date/Time: 11/21/2023 17:08:01
 Tech: 3445
 SOP: 424
 Final Weight: 0.1005 g
 Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)
Aflatoxin B1	2/10	1	20	ND
Aflatoxin B2	2/10	1	20	ND
Aflatoxin G1	2/10	1	20	ND
Aflatoxin G2	2/5	1	20	ND
Ochratoxin A	2/10	1	20	ND

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Agricultural Agents

LC-MS/MS

PASS

Sample Prep

Tech: 4090
 SOP: 432
 Batch Number: 61863
 Batch Date: 11/20/2023 17:17:47

Sample Analysis

Date/Time: 11/21/2023 17:08:01
 Tech: 3445
 SOP: 424
 Final Weight: 0.1005 g
 Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL(ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)
Abamectin B1a	0.002/0.035	1	0.3	ND	Imazalil	0.002/0.01	1	0.1	ND
Acephate	0.002/0.04	1	3	ND	Imidacloprid	0.002/0.002	1	3	ND
Acequinocyl	0.002/0.002	1	2	ND	Kresoxim-methyl	0.002/0.002	1	1	ND
Acetamiprid	0.002/0.002	1	3	ND	Malathion	0.01/0.04	1	2	ND
Aldicarb	0.002/0.01	1	0.1	ND	Metalaxyl	0.002/0.004	1	3	ND
Azoxystrobin	0.002/0.04	1	3	ND	Methiocarb	0.002/0.01	1	0.1	ND
Bifenazate	0.002/0.002	1	3	ND	Methomyl	0.002/0.002	1	0.1	ND
Bifenthrin	0.002/0.002	1	0.5	ND	Mevinphos	0.009/0.036	1	0.1	ND
Boscalid	0.01/0.05	1	3	ND	Myclobutanil	0.002/0.04	1	3	ND
Carbaryl	0.002/0.004	1	0.5	ND	Naled	0.002/0.01	1	0.5	ND
Carbofuran	0.002/0.01	1	0.1	ND	Oxamyl	0.002/0.002	1	0.5	ND
Chlorantraniliprole	0.002/0.01	1	3	ND	Paclobutrazol	0.002/0.004	1	0.1	ND
Chloromequat chloride	0.002/0.004	1	3	ND	Permethrins	0.002/0.01	1	1	ND
Chlorpyrifos	0.002/0.01	1	0.1	ND	Phosmet	0.002/0.002	1	0.2	ND
Clofentezine	0.002/0.002	1	0.5	ND	Piperonyl Butoxide	0.002/0.002	1	3	0.006
Daminozide	0.01/0.04	1	0.1	ND	Prallethrin	0.002/0.01	1	0.4	ND
Diazinon	0.002/0.01	1	0.2	ND	Propiconazole	0.002/0.04	1	1	ND
Dichlorvos	0.002/0.04	1	0.1	ND	Propoxur	0.002/0.01	1	0.1	ND
Dimethoate	0.002/0.002	1	0.1	ND	Pyrethrins	0.001/0.013	1	1	ND
Dimethomorph	0.001/0.002	1	3	ND	Pyridaben	0.002/0.002	1	3	ND
Ethoprophos	0.002/0.01	1	0.1	ND	Spinetoram	0.001/0.003	1	3	ND
Etofenprox	0.002/0.002	1	0.1	ND	Spinosad	0.001/0.001	1	3	ND
Etoxazole	0.002/0.002	1	1.5	ND	Spiromesifen	0.002/0.002	1	3	ND
Fenhexamid	0.01/0.04	1	3	ND	Spirotetramat	0.002/0.01	1	3	ND
Fenoxycarb	0.002/0.004	1	0.1	ND	Spiroxamine	0.002/0.04	1	0.1	ND
Fenpyroximate	0.002/0.002	1	2	ND	Tebuconazole	0.01/0.04	1	1	ND
Fipronil	0.002/0.004	1	0.1	ND	Thiacloprid	0.002/0.002	1	0.1	ND
Flonicamid	0.002/0.01	1	2	ND	Thiamethoxam	0.002/0.01	1	1	ND
Fludioxonil	0.002/0.004	1	3	ND	Trifloxystrobin	0.002/0.002	1	3	ND
Hexythiazox	0.002/0.004	1	2	ND					

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TERPENES TOTAL
 GC-FID
TESTED (0.681 %)

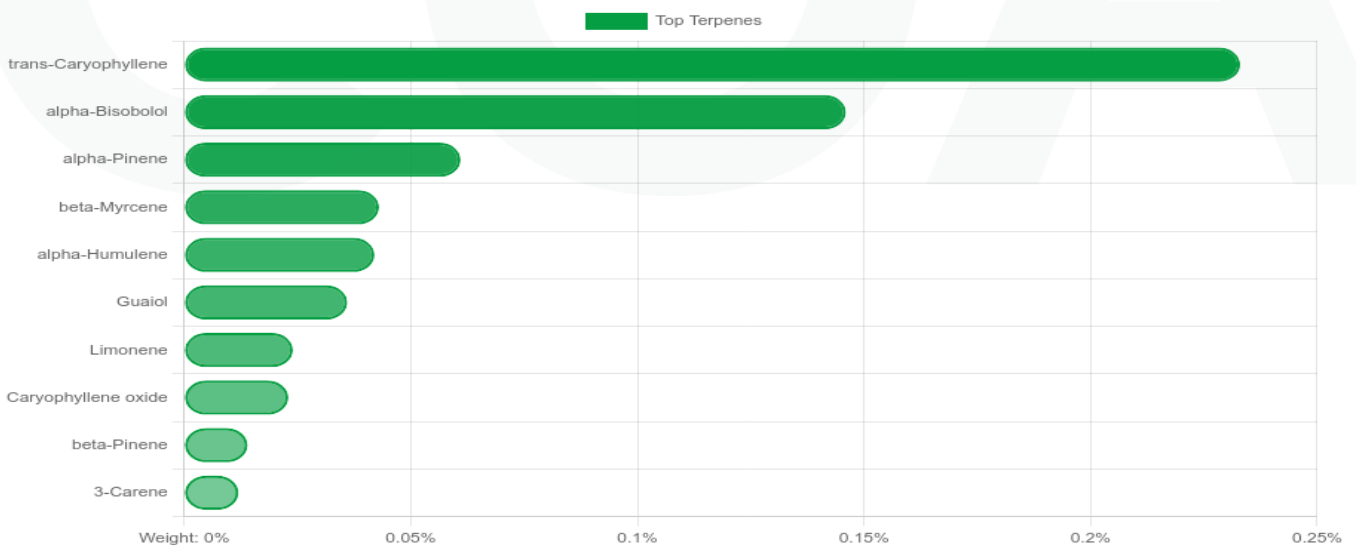
Sample Prep

Tech: 4090
 SOP: 421
 Batch Number: 61860
 Batch Date: 11/20/2023 14:01:36

Sample Analysis

Date/Time: 11/22/2023 15:31:53
 Tech: 2816
 SOP: 419
 Final Weight: 0.405 g
 Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)
3-Carene	0.001/0.003	1	0.012	Geraniol	0.001/0.003	1	ND
alpha-Bisobolol	0.001/0.003	1	0.146	Geranyl acetate	0.001/0.003	1	<LOQ
alpha-Cedrene	0.001/0.003	1	ND	Guaiol	0.001/0.003	1	0.036
alpha-Humulene	0.001/0.003	1	0.042	Hexahydrothymol	0.001/0.003	1	<LOQ
alpha-Pinene	0.001/0.003	1	0.061	Isoborneol	0.001/0.003	1	ND
alpha-Terpinene	0.001/0.003	1	ND	Isopulegol	0.001/0.003	1	ND
beta-Myrcene	0.001/0.003	1	0.043	Limonene	0.001/0.003	1	0.024
beta-Pinene	0.001/0.003	1	0.014	Linalool	0.001/0.003	1	0.008
Borneol	0.001/0.003	1	ND	Nerol	0.001/0.003	1	ND
Camphene	0.001/0.003	1	ND	p-Mentha-1,5-diene	0.001/0.003	1	0.010
Camphor	0.001/0.003	1	ND	Pulegone	0.001/0.003	1	ND
Caryophyllene oxide	0.001/0.003	1	0.023	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	0.007	Terpineol	0.001/0.003	1	0.006
cis-Nerolidol	0.001/0.003	1	<LOQ	Terpinolene	0.001/0.003	1	<LOQ
cis-Ocimene	0.001/0.003	1	ND	trans-Caryophyllene	0.001/0.003	1	0.233
Eucalyptol	0.001/0.003	1	ND	trans-Nerolidol	0.001/0.003	1	0.007
Fenchone	0.001/0.003	1	ND	trans-Ocimene	0.001/0.003	1	ND
Fenchyl alcohol	0.001/0.003	1	<LOQ	Valencene	0.001/0.003	1	0.009
gamma-Terpinene	0.001/0.003	1	ND				



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RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 2816
 SOP: 405
 Batch Number: 61878
 Batch Date: 11/22/2023 13:31:02

Sample Analysis

Date/Time: 11/27/2023 10:51:56
 Tech: 2816
 SOP: 405
 Final Weight: 0.0535 g
 Volume: 1 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)
1,1-Dichloroethene	0.6/0.63	1	8	ND	Heptane	6/140	1	5000	ND
1,2-Dichloroethane	0.012/0.12	1	2	ND	Hexanes	0.06/18	1	250	ND
Acetone	9/140	1	750	<LOQ	Isopropyl alcohol	3/140	1	500	ND
Acetonitrile	0.72/25	1	60	<LOQ	Methanol	6/100	1	250	<LOQ
Benzene	0.06/1	1	1	ND	Methylene chloride	1.5/1.5	1	125	ND
Butane	48/50	1	5000	ND	Pentane	9/140	1	750	ND
Chloroform	0.2/1	1	2	ND	Propane	30/30	1	5000	ND
Ethanol	12/140	1	5000	ND	Toluene	0.9/53	1	150	ND
Ethyl acetate	2.4/140	1	400	ND	Total xylenes	1.8/130	1	150	ND
Ethyl ether	6/140	1	500	ND	Trichloroethylene	0.3/1	1	25	ND
Ethylene oxide	0.6/2	1	5	ND					

HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Tech: 3396
 SOP: 428
 Batch Number: 61864
 Batch Date: 11/21/2023 09:43:30

Sample Analysis

Date/Time: 11/21/2023 14:49:20
 Tech: 3396
 SOP: 428
 Final Weight: 0.2383 g
 Volume: 60 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LIMIT (ppb)	RESULTS (ppb)
Arsenic	20/75	1	1500	ND
Cadmium	20/75	1	500	ND
Lead	20/75	1	500	<LOQ
Mercury	20/75	1	3000	ND

FILTH & FOREIGN MATERIAL ANALYSIS

Result: **PASS**

Sample Prep and Analysis

Date/Time: 11/20/2023 17:59:56
 Tech: 4090
 SOP: 409
 Final Weight: 14.6156 g

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 4090
 SOP: 406

Batch Number: 61858
 Batch Date: 11/20/2023 14:00:45

Date/Time: 11/21/2023 15:41:21
 Tech: 3571
 SOP: 406

Final Weight: 1.0033 g

Sample Analysis

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total yeast and mold	qPCR	NA	NOT DETECTED	PASS

Sample Prep

Tech: 4090
 SOP: 406

Batch Number: 61859
 Batch Date: 11/20/2023 14:01:15

Date/Time: 11/22/2023 20:14:10
 Tech: 3571
 SOP: 406

Final Weight: 1.0015 g

Sample Analysis

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Pathogenic e. coli	qPCR	< 1 CFU/g	NOT DETECTED	PASS

Sample Prep

Tech: 4090
 SOP: 406

Batch Number: 61859
 Batch Date: 11/20/2023 14:01:15

Date/Time: 11/22/2023 20:14:10
 Tech: 3571
 SOP: 406

Final Weight: 1.0015 g

Sample Analysis

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Salmonella	qPCR	< 1 CFU/g	NOT DETECTED	PASS
STEC e. coli	qPCR	< 1 CFU/g	NOT DETECTED	PASS

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 4090
 SOP: 406

Batch Number: 61859
 Batch Date: 11/20/2023 14:01:15

Sample Analysis

Date/Time: 11/22/2023 20:14:10
 Tech: 3571
 SOP: 406

Final Weight: 1.0015 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Aspergillus flavus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus fumigatus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus niger	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus terreus	qPCR	< 1 CFU/g	NOT DETECTED	PASS

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WATER ACTIVITY

Water Activity Meter
Water: 0.513 Aw

Sample Prep and Analysis

Date/Time: 11/20/2023 18:08:57
Tech: 4090
SOP: 407
Final Weight: 1.0126 g

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