SunFlora Inc.
Order #: 73411
Retail Batch #: 120122FSTC 1000mg Full Spectrum Tincture

CERTIFICATE OF ANALYSIS

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

Order Information

Order #: 73411
Order Name: 120122FSTC 1000mg Full Spectrum Tincture
Retail Batch #: 120122FSTC 1000mg Full Spectrum Tincture
Received: 11/14/2022 13:37:25
Complete: 11/23/2022 19:19:48

Batch Information

Create Date:
Exp. Date:
Size: 0
Total Qty.: 0
Matrix: Tincture
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 **TESTED**	WATER ACTIVITY **TESTED**
FILTH & FOREIGN MATERIAL ANALYSIS **PASS**	HOMOGENEITY **NOT TESTED**	MYCOTOXIN ANALYSIS **PASS**

0.092 %
Total THC

3.344 %
Total CBD

3.691 %
Total Cannabinoids

Diana Asensio, M.S.
Lab Director

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

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1000mg Full Spectrum Tincture

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Sample Prep

Tech: 4062
SOP: 418
Batch Number: 56955
Batch Date: 11/14/2022 14:12:49

Sample Analysis

Date/Time: 11/17/2022 11:11:52
Tech: 3445
SOP: 417
Final Weight: 0.2182 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.092 % Total THC	**0.870 mg** THC Per Unit	**26.110 mg** THC Per Pkg
3.344 % Total CBD	**31.600 mg** CBD Per Unit	**947.996 mg** CBD Per Pkg
3.691 % Total Cannabinoids	**34.879 mg** Cannabinoids Per Unit	**1046.371 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	0.167	1.673	1.581	47.430	--	--
CBD	0.064/0.1954	1	3.344	33.439	31.600	947.996	1000	5.2
CBDA	0.064/0.1954	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
CBDV	0.064/0.1954	1	0.026	0.259	0.245	7.343	--	--
CBG	0.064/0.1954	1	0.029	0.288	0.272	8.165	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	ND	ND	ND	ND	--	--
d8-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THC	0.064/0.1954	1	0.092	0.921	0.870	26.110	--	--
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	ND	ND	ND	ND	--	--
CBT	0.064/0.1954	1	0.033	0.329	0.311	9.327	--	--
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)
For inhalation derivative products, 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	0.092	0.921	0.870	26.110
Total CBD	3.344	33.439	31.600	947.996
Total Cannabinoids	3.691	36.909	34.879	1046.371

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Agricultural Agents

GC-MS/MS **PASS**

Sample Prep

Tech: 4062
SOP: 402
Batch Number: 56959
Batch Date: 11/14/2022 15:10:36

Sample Analysis

Date/Time: 11/15/2022 15:20:14
Tech: 2816
SOP: 402
Final Weight: 0.5034 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: 4062
SOP: 432
Batch Number: 56960
Batch Date: 11/14/2022 15:11:13

Sample Analysis

Date/Time: 11/16/2022 16:23:29
Tech: 3445
SOP: 424
Final Weight: 0.5065 g
Volume: 5 ml

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

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Agricultural Agents

LC-MS/MS **PASS**

Sample Prep

Tech: 4062
SOP: 432
Batch Number: 56960
Batch Date: 11/14/2022 15:11:13

Sample Analysis

Date/Time: 11/16/2022 16:23:29
Tech: 3445
SOP: 424
Final Weight: 0.5065 g
Volume: 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	2	0.3	ND	Imazalil	0.002/0.01	2	0.1	ND
Acephate	0.002/0.04	2	3	ND	Imidacloprid	0.002/0.002	2	3	ND
Acequinocyl	0.002/0.002	2	2	ND	Kresoxim-methyl	0.002/0.002	2	1	ND
Acetamiprid	0.002/0.002	2	3	ND	Malathion	0.01/0.04	2	2	ND
Aldicarb	0.002/0.01	2	0.1	ND	Metalaxyl	0.002/0.004	2	3	ND
Azoxystrobin	0.002/0.04	2	3	ND	Methiocarb	0.002/0.01	2	0.1	ND
Bifenazate	0.002/0.002	2	3	ND	Methomyl	0.002/0.002	2	0.1	ND
Bifenthrin	0.002/0.002	2	0.5	ND	Mevinphos	0.009/0.036	2	0.1	ND
Boscalid	0.01/0.05	2	3	ND	Myclobutanil	0.002/0.04	2	3	ND
Carbaryl	0.002/0.004	2	0.5	ND	Naled	0.002/0.01	2	0.5	ND
Carbofuran	0.002/0.01	2	0.1	ND	Oxamyl	0.002/0.002	2	0.5	ND
Chlorantraniliprole	0.002/0.01	2	3	ND	Paclobutrazol	0.002/0.004	2	0.1	ND
Chlormequat chloride	0.002/0.004	2	3	ND	Permethrins	0.002/0.01	2	1	ND
Chlorpyrifos	0.002/0.01	2	0.1	ND	Phosmet	0.002/0.002	2	0.2	ND
Clofentezine	0.002/0.002	2	0.5	ND	Piperonyl Butoxide	0.002/0.002	2	3	ND
Daminozide	0.01/0.04	2	0.1	ND	Prallethrin	0.002/0.01	2	0.4	ND
Diazinon	0.002/0.01	2	0.2	ND	Propiconazole	0.002/0.04	2	1	ND
Dichlorvos	0.002/0.04	2	0.1	ND	Propoxur	0.002/0.01	2	0.1	ND
Dimethoate	0.002/0.002	2	0.1	ND	Pyrethrins	0.001/0.013	2	1	ND
Dimethomorph	0.001/0.002	2	3	ND	Pyridaben	0.002/0.002	2	3	ND
Ethoprophos	0.002/0.01	2	0.1	ND	Spinetoram	0.001/0.003	2	3	ND
Etofenprox	0.002/0.002	2	0.1	ND	Spinosad	0.001/0.001	2	3	ND
Etoxazole	0.002/0.002	2	1.5	ND	Spiromesifen	0.002/0.002	2	3	ND
Fenhexamid	0.01/0.04	2	3	ND	Spirotetramat	0.002/0.01	2	3	ND
Fenoxycarb	0.002/0.004	2	0.1	ND	Spiroxamine	0.002/0.04	2	0.1	ND
Fenpyroximate	0.002/0.002	2	2	ND	Tebuconazole	0.01/0.04	2	1	ND
Fipronil	0.002/0.004	2	0.1	ND	Thiacloprid	0.002/0.002	2	0.1	ND
Flonicamid	0.002/0.01	2	2	ND	Thiamethoxam	0.002/0.01	2	1	ND
Fludioxonil	0.002/0.004	2	3	ND	Trifloxystrobin	0.002/0.002	2	3	ND
Hexythiazox	0.002/0.004	2	2	ND					

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TERPENES TOTAL

GC-FID **TESTED (0.014 %)**

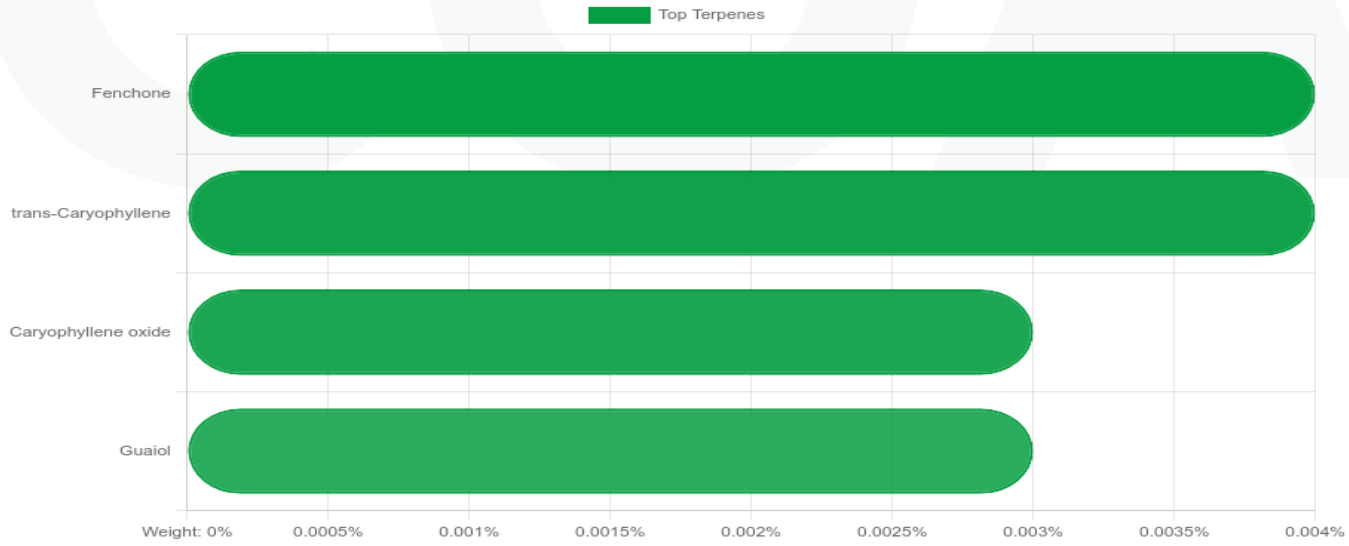
Sample Prep

Tech: 4062
SOP: 421
Batch Number: 56958
Batch Date: 11/14/2022 14:47:30

Sample Analysis

Date/Time: 11/15/2022 15:38:30
Tech: 2816
SOP: 419
Final Weight: 0.3947 g
Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)
3-Carene	0.001/0.003	1	ND	Geraniol	0.001/0.003	1	ND
alpha-Bisobolol	0.001/0.003	1	ND	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	ND	Guaiol	0.001/0.003	1	0.003
alpha-Humulene	0.001/0.003	1	ND	Hexahydrothymol	0.001/0.003	1	ND
alpha-Pinene	0.001/0.003	1	ND	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	ND	Limonene	0.001/0.003	1	ND
beta-Pinene	0.001/0.003	1	ND	Linalool	0.001/0.003	1	ND
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	ND
Camphor	0.001/0.003	1	ND	Pulegone	0.001/0.003	1	ND
Caryophyllene oxide	0.001/0.003	1	0.003	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	ND	Terpineol	0.001/0.003	1	ND
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	ND
cis-Ocimene	0.001/0.003	1	ND	trans-Caryophyllene	0.001/0.003	1	0.004
Eucalyptol	0.001/0.003	1	ND	trans-Nerolidol	0.001/0.003	1	ND
Fenchone	0.001/0.003	1	0.004	trans-Ocimene	0.001/0.003	1	ND
Fenchyl alcohol	0.001/0.003	1	ND	Valencene	0.001/0.003	1	ND
gamma-Terpinene	0.001/0.003	1	ND				



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RESIDUAL SOLVENTS

HS-GC-MS **PASS**

Sample Prep

Tech: 4062
SOP: 405
Batch Number: 56968
Batch Date: 11/14/2022 21:35:10

Sample Analysis

Date/Time: 11/15/2022 12:15:56
Tech: 2816
SOP: 405
Final Weight: 0.0508 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	ND	Isopropyl alcohol	3/140	1	500	<LOQ
Acetonitrile	0.72/25	1	60	ND	Methanol	6/100	1	250	ND
Benzene	0.6/1	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	<LOQ	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: 3975
SOP: 428
Batch Number: 56969
Batch Date: 11/15/2022 09:20:02

Sample Analysis

Date/Time: 11/15/2022 18:17:54
Tech: 1013
SOP: 428
Final Weight: 0.2112 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	ND
Mercury	20/75	1	3000	ND

FILTH & FOREIGN MATERIAL ANALYSIS

Result: **PASS**

Sample Prep and Analysis

Date/Time: 11/14/2022 15:02:17
Tech: 4062
SOP: 409
Final Weight: 21.6524 g

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 4062
SOP: 406
Batch Number: 56956
Batch Date: 11/14/2022 14:18:42

Sample Analysis

Date/Time: 11/15/2022 14:22:47
Tech: 3609
SOP: 406
Final Weight: 1.0174 g

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

Sample Prep

Tech: 4062
SOP: 406
Batch Number: 56957
Batch Date: 11/14/2022 14:32:11

Sample Analysis

Date/Time: 11/17/2022 08:32:44
Tech: 3358
SOP: 406
Final Weight: 1.0083 g

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

Sample Prep

Tech: 4062
SOP: 406
Batch Number: 56957
Batch Date: 11/14/2022 14:32:11

Sample Analysis

Date/Time: 11/17/2022 08:32:44
Tech: 3358
SOP: 406
Final Weight: 1.0083 g

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

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WATER ACTIVITY

Water Activity Meter
Water: 0.507 Aw

Sample Prep and Analysis

Date/Time: 11/14/2022 23:17:03
Tech: 4062
SOP: 407
Final Weight: 1.0235 g

MOISTURE ANALYSIS

Moisture: **3.53 %**

Sample Prep and Analysis

Date/Time: 11/14/2022 23:32:59
Tech: 4245
SOP: 411
Final Weight: .301 g

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