



SunFlora Inc.
Order #: 76165
Retail Batch #:
011023FSWS
1200mg Natural
Full Spectrum
Water Soluble

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

Order Information

Order #: 76165
Order Name: 011023FSWS 1200mg Natural
Full Spectrum Water Soluble
Retail Batch #: 011023FSWS 1200mg Natural
Full Spectrum Water Soluble
Received: 02/01/2023 13:11:17
Complete: 02/07/2023 10:51:07

Batch Information

Create Date:
Exp. Date:
Size: 0

Total Qty.: 0
Matrix: Tincture (Ethanol)
Pickup Weight: N/A

CANNABINOID PROFILE

TESTED

LABEL CLAIM

NOT APPLICABLE

MICROBIAL ANALYSIS

PASS

RESIDUAL SOLVENTS

PASS

AGRICULTURAL AGENTS

PASS

HEAVY METAL ANALYSIS

PASS

TERPENES

NOT TESTED

MOISTURE ANALYSIS

NOT TESTED

WATER ACTIVITY

TESTED

FILTH & FOREIGN MATERIAL
ANALYSIS

PASS

HOMOGENEITY

NOT TESTED

MYCOTOXIN ANALYSIS

PASS



0.085 %

Total THC

2.986 %

Total CBD

3.289 %

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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Sample Prep

Tech: 3393
SOP: 418
Batch Number: 58310
Batch Date: 02/01/2023 10:46:20

Sample Analysis

Date/Time: 02/03/2023 15:08:25
Tech: 1012
SOP: 417
Final Weight: 0.2044 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.085 %
Total THC

0.981 mg
THC Per Unit

29.441 mg
THC Per Pkg

2.986 %
Total CBD

34.633 mg
CBD Per Unit

1038.989 mg
CBD Per Pkg

3.289 %
Total Cannabinoids

38.146 mg
Cannabinoids Per Unit

1144.398 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	0.152	1.521	1.764	52.931	--	--
CBD	0.064/0.1954	1	2.986	29.856	34.633	1038.989	--	--
CBDA	0.064/0.1954	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
CBDV	0.064/0.1954	1	0.020	0.200	0.232	6.960	--	--
CBG	0.064/0.1954	1	0.022	0.224	0.260	7.795	--	--
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	0.085	0.846	0.981	29.441	--	--
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	0.024	0.238	0.276	8.282	--	--
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 1.16 (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	0.085	0.846	0.981	29.441
Total CBD	2.986	29.856	34.633	1038.989
Total Cannabinoids	3.289	32.885	38.146	1144.398

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 3975
SOP: 402
Batch Number: 58360
Batch Date: 02/03/2023 13:39:58

Sample Analysis

Date/Time: 02/06/2023 11:39:25
Tech: 3445
SOP: 402
Final Weight: 0.5165 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: 3975
SOP: 432
Batch Number: 58359
Batch Date: 02/03/2023 13:16:28

Sample Analysis

Date/Time: 02/06/2023 14:44:29
Tech: 3445
SOP: 424
Final Weight: 0.5061 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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LC-MS/MS

PASS

Sample Prep

Tech: 3975
SOP: 432
Batch Number: 58359
Batch Date: 02/03/2023 13:16:28

Sample Analysis

Date/Time: 02/06/2023 14:44:29
Tech: 3445
SOP: 424
Final Weight: 0.5061 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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RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 3445
SOP: 405
Batch Number: 58368
Batch Date: 02/03/2023 15:55:17

Sample Analysis

Date/Time: 02/06/2023 15:05:35
Tech: 3445
SOP: 405
Final Weight: 0.0494 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	<LOQ
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
Ethyl acetate	2.4/140	1	400	ND	Toluene	0.9/53	1	150	<LOQ
Ethyl ether	6/140	1	500	ND	Total xylenes	1.8/130	1	150	ND
Ethylene oxide	0.6/2	1	5	ND	Trichloroethylene	0.3/1	1	25	ND

HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Tech: 3396
SOP: 428
Batch Number: 58383
Batch Date: 02/06/2023 10:49:25

Sample Analysis

Date/Time: 02/06/2023 16:53:56
Tech: 3396
SOP: 428
Final Weight: 0.2418 g
Volume: 60 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LIMIT (ppb)	RESULTS (ppb)
Arsenic	20/75	1	1500	<LOQ
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: 02/06/2023 18:17:37
Tech: 1012
SOP: 409
Final Weight: 29.4051 g

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 3975
SOP: 406

Batch Number: 58356
Batch Date: 02/03/2023 12:50:16

Date/Time: 02/05/2023 18:07:26
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0011 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total enterobacteriaceae	qPCR	NA	NOT DETECTED	PASS

Sample Prep

Tech: 3975
SOP: 406

Batch Number: 58356
Batch Date: 02/03/2023 12:50:16

Date/Time: 02/05/2023 18:07:26
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0011 g

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

Sample Prep

Tech: 3975
SOP: 406

Batch Number: 58356
Batch Date: 02/03/2023 12:50:16

Date/Time: 02/05/2023 18:07:26
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0011 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total aerobic count	qPCR	NA	NOT DETECTED	PASS

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PASS

Sample Prep

Tech: 3975
SOP: 406

Batch Number: 58356
Batch Date: 02/03/2023 12:50:16

Date/Time: 02/05/2023 18:07:26
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0011 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total coliforms	qPCR	NA	NOT DETECTED	PASS

Sample Prep

Tech: 3975
SOP: 406

Batch Number: 58355
Batch Date: 02/03/2023 12:48:17

Date/Time: 02/06/2023 17:28:37
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0165 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

Sample Prep

Tech: 3975
SOP: 406

Batch Number: 58355
Batch Date: 02/03/2023 12:48:17

Date/Time: 02/06/2023 17:28:37
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0165 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

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WATER ACTIVITY

Water Activity Meter
Water: 0.660 Aw

Sample Prep and Analysis

Date/Time: 02/06/2023 18:26:36
Tech: 1012
SOP: 407
Final Weight: 1.0118 g

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