



SunFlora Inc.  
 Order #: 79268  
 Retail Batch #:  
 051023BSWS  
 900mg Natural  
 Broad Spectrum  
 Water Soluble

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

## Order Information

Order #: 79268  
 Order Name: 051023BSWS 900mg Natural  
 Broad Spectrum Water Soluble  
 Retail Batch #: 051023BSWS 900mg Natural  
 Broad Spectrum Water Soluble  
 Received: 05/23/2023 13:17:21  
 Complete: 06/15/2023 22:14:52

## Batch Information

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

CANNABINOID PROFILE <b>TESTED</b>	LABEL CLAIM <b>NOT APPLICABLE</b>	MICROBIAL ANALYSIS <b>PASS</b>
RESIDUAL SOLVENTS <b>PASS</b>	AGRICULTURAL AGENTS <b>PASS</b>	HEAVY METAL ANALYSIS <b>PASS</b>
TERPENES TOTAL <b>TESTED</b>	MOISTURE ANALYSIS <b>TESTED</b>	WATER ACTIVITY <b>TESTED</b>
FILTH & FOREIGN MATERIAL ANALYSIS <b>PASS</b>	HOMOGENEITY <b>NOT TESTED</b>	MYCOTOXIN ANALYSIS <b>PASS</b>



**0.0000 %**  
Total THC

**2.9069 %**  
Total CBD

**3.0557 %**  
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: 4245  
 SOP: 418  
 Batch Number: 59908  
 Batch Date: 05/23/2023 13:32:22

**Sample Analysis**

Date/Time: 05/25/2023 11:53:22  
 Tech: 1012  
 SOP: 417  
 Final Weight: 0.2115 g  
 Volume: 40 ml

**CANNABINOID PROFILE**

HPLC-DAD

ND Total THC	ND THC Per Unit	ND THC Per Pkg
<b>2.9069 %</b> Total CBD	<b>33.720 mg</b> CBD Per Unit	<b>1011.601 mg</b> CBD Per Pkg
<b>3.0557 %</b> Total Cannabinoids	<b>35.445 mg</b> Cannabinoids Per Unit	<b>1063.383 mg</b> 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	0.0296	0.296	0.343	10.301	--	--
CBD	0.064/0.1954	1	2.9069	29.069	33.720	1011.601	--	--
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	0.0233	0.233	0.270	8.108	--	--
CBG	0.064/0.1954	1	0.0959	0.959	1.112	33.373	--	--
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	ND	ND	ND	ND	--	--
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	<LOQ	<LOQ	<LOQ	<LOQ	--	--
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)  
 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	ND	ND	ND	ND
Total CBD	2.9069	29.069	33.720	1011.601
Total Cannabinoids	3.0557	30.557	35.445	1063.383

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**Agricultural Agents**

GC-MS/MS

**PASS**

**Sample Prep**

Tech: 2816  
 SOP: 402  
 Batch Number: 59916  
 Batch Date: 05/23/2023 14:49:51

**Sample Analysis**

Date/Time: 05/25/2023 15:50:02  
 Tech: 2816  
 SOP: 402  
 Final Weight: 0.5008 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: 3393  
 SOP: 432  
 Batch Number: 59958  
 Batch Date: 05/25/2023 14:10:48

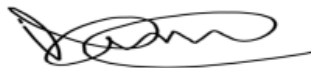
**Sample Analysis**

Date/Time: 05/30/2023 17:39:54  
 Tech: 3445  
 SOP: 424  
 Final Weight: 0.1007 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: 3393  
 SOP: 432  
 Batch Number: 59958  
 Batch Date: 05/25/2023 14:10:48

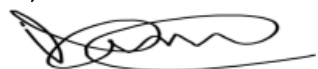
**Sample Analysis**

Date/Time: 05/30/2023 17:39:54  
 Tech: 3445  
 SOP: 424  
 Final Weight: 0.1007 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	ND
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
Fonicamid	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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900mg Natural  
Broad Spectrum  
Water Soluble

**TERPENES TOTAL**  
GC-FID **TESTED (0.195 %)**

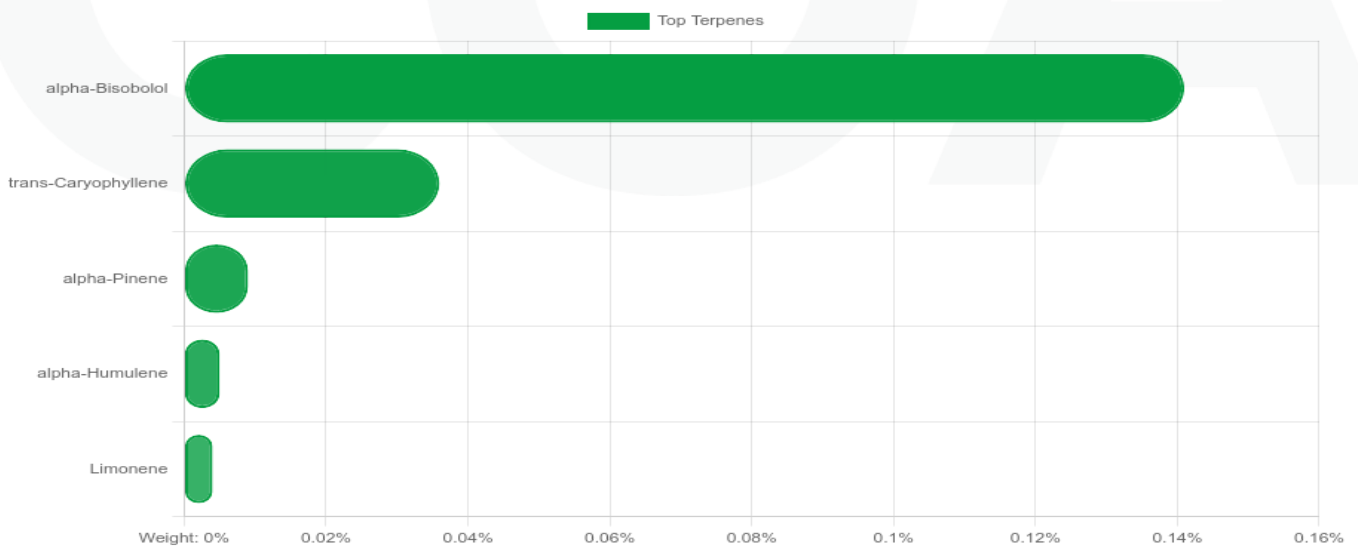
**Sample Prep**

Tech: 2816  
SOP: 421  
Batch Number: 59910  
Batch Date: 05/23/2023 13:40:20

**Sample Analysis**

Date/Time: 05/26/2023 10:56:45  
Tech: 3445  
SOP: 419  
Final Weight: 0.402 g  
Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)
3-Carene	0.001/0.003	1	<LOQ	Geraniol	0.001/0.003	1	ND
alpha-Bisobolol	0.001/0.003	1	0.141	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	ND	Guaiol	0.001/0.003	1	ND
alpha-Humulene	0.001/0.003	1	0.005	Hexahydrothymol	0.001/0.003	1	ND
alpha-Pinene	0.001/0.003	1	0.009	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	<LOQ	Limonene	0.001/0.003	1	0.004
beta-Pinene	0.001/0.003	1	<LOQ	Linalool	0.001/0.003	1	<LOQ
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	ND	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	0.036
Eucalyptol	0.001/0.003	1	ND	trans-Nerolidol	0.001/0.003	1	ND
Fenchone	0.001/0.003	1	ND	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	<LOQ				



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#### RESIDUAL SOLVENTS

HS-GC-MS

**PASS**

#### Sample Prep

Tech: 2816  
 SOP: 405  
 Batch Number: 59920  
 Batch Date: 05/23/2023 16:16:35

#### Sample Analysis

Date/Time: 05/26/2023 03:14:04  
 Tech: 2816  
 SOP: 405  
 Final Weight: 0.0477 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	Methanol	6/100	1	250	<LOQ
Acetonitrile	0.72/25	1	60	<LOQ	Methylene chloride	1.5/1.5	1	125	ND
Benzene	0.06/1	1	1	ND	Pentane	9/140	1	750	ND
Butane	48/50	1	5000	ND	Propane	30/30	1	5000	ND
Chloroform	0.2/1	1	2	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: 59996  
 Batch Date: 05/31/2023 09:45:34

#### Sample Analysis

Date/Time: 05/31/2023 11:57:21  
 Tech: 3396  
 SOP: 428  
 Final Weight: 0.2146 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	87.232
Mercury	20/75	1	3000	ND

#### FILTH & FOREIGN MATERIAL ANALYSIS

Result: **PASS**

#### Sample Prep and Analysis

Date/Time: 05/25/2023 16:36:10  
 Tech: 3381  
 SOP: 409  
 Final Weight: 23.7086 g

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**MICROBIAL ANALYSIS**

**PASS**

**Sample Prep**

Tech: 3393  
 SOP: 406

Batch Number: 59955  
 Batch Date: 05/25/2023 14:09:43

Date/Time: 05/26/2023 22:20:31  
 Tech: 3571  
 SOP: 406

Final Weight: 1.0109 g

**Sample Analysis**

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

**Sample Prep**

Tech: 3393  
 SOP: 406

Batch Number: 59956  
 Batch Date: 05/25/2023 14:10:11

Date/Time: 05/30/2023 13:39:56  
 Tech: 3358  
 SOP: 406

Final Weight: 1.0098 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: 3393  
 SOP: 406

Batch Number: 59956  
 Batch Date: 05/25/2023 14:10:11

Date/Time: 05/30/2023 13:39:56  
 Tech: 3358  
 SOP: 406

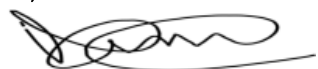
Final Weight: 1.0098 g

**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: 3393  
 SOP: 406

Batch Number: 59956  
 Batch Date: 05/25/2023 14:10:11

**Sample Analysis**

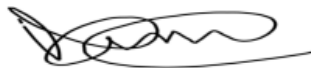
Date/Time: 05/30/2023 13:39:56  
 Tech: 3358  
 SOP: 406

Final Weight: 1.0098 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: 0.873 Aw

**Sample Prep and Analysis**

Date/Time: 05/26/2023 21:34:33  
Tech: 4245  
SOP: 407  
Final Weight: 1.0296 g

**MOISTURE ANALYSIS**

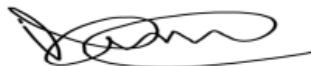
Moisture: **85.88 %**

**Sample Prep and Analysis**

Date/Time: 05/26/2023 21:34:33  
Tech: 4245  
SOP: 411  
Final Weight: 0.350 g

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