



SunFlora Inc.
 Order #: 83138
 Retail Batch #:
 080123BSWS
 1800mg
 Strawberry-Lime
 BS Water Soluble

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

Order Information

Order #: 83138
 Order Name: 080123BSWS 1800mg
 Strawberry-Lime BS Water Soluble
 Retail Batch #: 080123BSWS 1800mg
 Strawberry-Lime BS Water Soluble
 Received: 08/31/2023 16:28:45
 Complete: 09/18/2023 12:19:50

Batch Information

Create Date: Total Qty.: 0
 Exp. Date: Matrix: Tincture (Ethanol)
 Size: 0 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 TOTAL TESTED	MOISTURE ANALYSIS NOT TESTED	WATER ACTIVITY TESTED
FILTH & FOREIGN MATERIAL ANALYSIS PASS	HOMOGENEITY NOT TESTED	MYCOTOXIN ANALYSIS PASS



0.0000 %
Total THC

5.2816 %
Total CBD

5.4820 %
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: 3396
 SOP: 418
 Batch Number: 61258
 Batch Date: 09/01/2023 16:26:55

Sample Analysis

Date/Time: 09/06/2023 17:23:27
 Tech: 3445
 SOP: 417
 Final Weight: 0.2128 g
 Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

<LOQ Total THC	<LOQ THC Per Unit	<LOQ THC Per Pkg
5.2816 % Total CBD	61.267 mg CBD Per Unit	1960.530 mg CBD Per Pkg
5.4820 % Total Cannabinoids	63.592 mg Cannabinoids Per Unit	2034.918 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	0.0256	0.256	0.297	9.503	--	--
CBD	0.064/0.1954	1	5.2816	52.816	61.267	1960.530	--	--
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	0.0343	0.343	0.398	12.732	--	--
CBG	0.064/0.1954	1	0.0919	0.919	1.066	34.113	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	0.0486	0.486	0.564	18.040	--	--
d8-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THC	0.064/0.1954	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
THCA	0.064/0.1954	1	ND	ND	ND	ND	--	--
THCV	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	<LOQ	<LOQ	<LOQ	<LOQ
Total CBD	5.2816	52.816	61.267	1960.530
Total Cannabinoids	5.4820	54.820	63.592	2034.918

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 3393
 SOP: 402
 Batch Number: 61223
 Batch Date: 08/30/2023 16:14:37

Sample Analysis

Date/Time: 09/05/2023 11:21:12
 Tech: 2816
 SOP: 402
 Final Weight: 0.5179 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: 61244
 Batch Date: 08/31/2023 17:16:35

Sample Analysis

Date/Time: 09/06/2023 14:34:07
 Tech: 3445
 SOP: 424
 Final Weight: 0.1016 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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LC-MS/MS

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Sample Analysis

Date/Time: 09/06/2023 14:34:07
 Tech: 3445
 SOP: 424
 Final Weight: 0.1016 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	0.007	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
Chlormequat 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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TERPENES TOTAL
 GC-FID
TESTED (0.460 %)

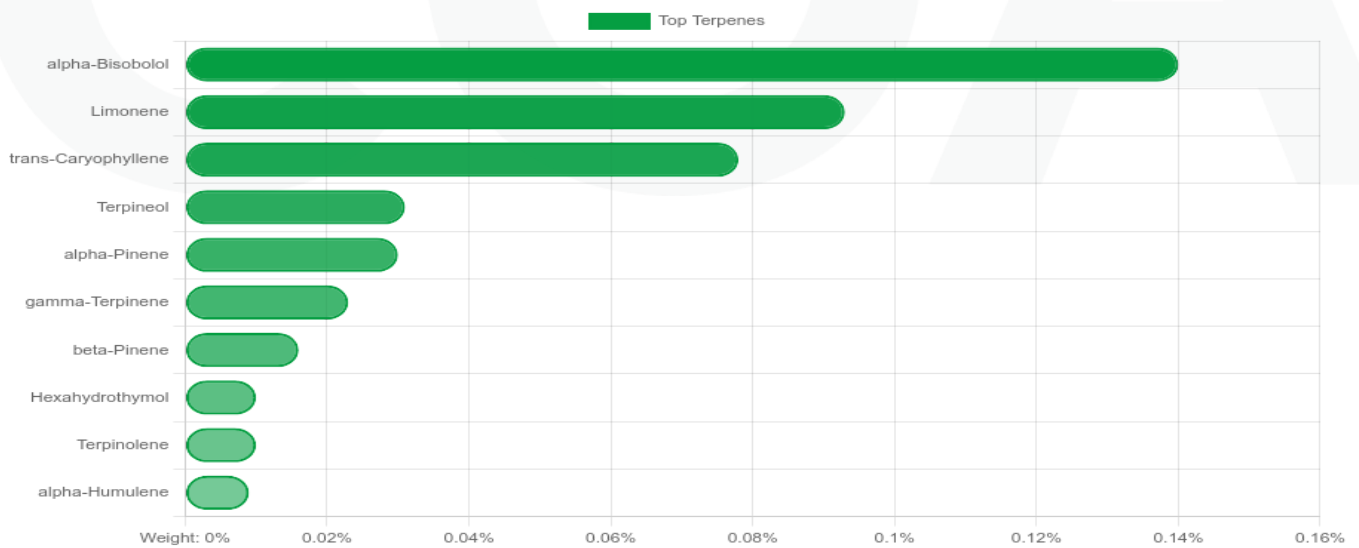
Sample Prep

Tech: 3393
 SOP: 421
 Batch Number: 61222
 Batch Date: 08/30/2023 16:14:21

Sample Analysis

Date/Time: 09/05/2023 13:56:49
 Tech: 2816
 SOP: 419
 Final Weight: 0.412 g
 Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)
3-Carene	0.001/0.003	1	0.005	Geraniol	0.001/0.003	1	ND
alpha-Bisobolol	0.001/0.003	1	0.140	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	0.009	Hexahydrothymol	0.001/0.003	1	0.010
alpha-Pinene	0.001/0.003	1	0.030	Isoborneol	0.001/0.003	1	ND
alpha-Terpinene	0.001/0.003	1	0.006	Isopulegol	0.001/0.003	1	<LOQ
beta-Myrcene	0.001/0.003	1	0.006	Limonene	0.001/0.003	1	0.093
beta-Pinene	0.001/0.003	1	0.016	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	<LOQ
Camphor	0.001/0.003	1	<LOQ	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	0.031
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	0.010
cis-Ocimene	0.001/0.003	1	ND	trans-Caryophyllene	0.001/0.003	1	0.078
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	<LOQ	Valencene	0.001/0.003	1	ND
gamma-Terpinene	0.001/0.003	1	0.023				



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RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 2816
 SOP: 405
 Batch Number: 61256
 Batch Date: 09/01/2023 14:31:23

Sample Analysis

Date/Time: 09/05/2023 13:57:10
 Tech: 2816
 SOP: 405
 Final Weight: 0.0525 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	ND	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	<LOQ	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: 61246
 Batch Date: 09/01/2023 10:03:30

Sample Analysis

Date/Time: 09/01/2023 14:36:54
 Tech: 3396
 SOP: 428
 Final Weight: 0.2375 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: 09/01/2023 15:53:19
 Tech: 3396
 SOP: 409
 Final Weight: 54.5787 g

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 3393
 SOP: 406

Batch Number: 61241
 Batch Date: 08/31/2023 17:15:05

Date/Time: 09/01/2023 16:17:19
 Tech: 3358
 SOP: 406

Sample Analysis

Final Weight: 1.0163 g

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: 61242
 Batch Date: 08/31/2023 17:15:28

Date/Time: 09/05/2023 16:47:36
 Tech: 3358
 SOP: 406

Sample Analysis

Final Weight: 1.0087 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: 3393
 SOP: 406

Batch Number: 61242
 Batch Date: 08/31/2023 17:15:28

Date/Time: 09/05/2023 16:47:36
 Tech: 3358
 SOP: 406

Sample Analysis

Final Weight: 1.0087 g

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

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PASS

Sample Prep

Tech: 3393
 SOP: 406

Batch Number: 61242
 Batch Date: 08/31/2023 17:15:28

Sample Analysis

Date/Time: 09/05/2023 16:47:36
 Tech: 3358
 SOP: 406

Final Weight: 1.0087 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: 0.848 Aw

Sample Prep and Analysis

Date/Time: 09/01/2023 15:50:17
Tech: 3396
SOP: 407
Final Weight: 1.0211 g

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