



SunFlora Inc.
 Order #: 84233
 Retail Batch #: Max
 Strength Topical
 Full Spectrum
 Cream
 (090123MFTC)

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

Order Information

Order #: 84233
 Order Name: Max Strength Topical Full
 Spectrum Cream (090123MFTC)
 Retail Batch #: Max Strength Topical Full
 Spectrum Cream (090123MFTC)
 Received: 10/20/2023 14:31:03
 Complete: 11/09/2023 11:36:03

Batch Information

Create Date: Total Qty.: 0
 Exp. Date: Matrix: Topical - Other
 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



0.0327 %
Total THC

3.2978 %
Total CBD

3.4632 %
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: 3445
 SOP: 418
 Batch Number: 61723
 Batch Date: 10/24/2023 15:53:19

Sample Analysis

Date/Time: 10/25/2023 14:41:37
 Tech: 3396
 SOP: 417
 Final Weight: 0.2138 g
 Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.0327 % Total THC	9.270 mg THC Per Oz
3.2978 % Total CBD	934.926 mg CBD Per Oz
3.4632 % Total Cannabinoids	981.817 mg Cannabinoids Per Oz

Cannabinoid Potency

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/OZ	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.064/0.1954	1	0.0461	0.461	13.069	--	--
CBD	0.064/0.1954	1	3.2978	32.978	934.926	--	--
CBDA	0.064/0.1954	1	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	0.0277	0.277	7.853	--	--
CBG	0.064/0.1954	1	0.0299	0.299	8.477	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	--	--
CBN	0.064/0.1954	1	0.0290	0.290	8.222	--	--
d8-THC	0.064/0.1954	1	ND	ND	ND	--	--
d9-THC	0.064/0.1954	1	0.0327	0.327	9.270	--	--
THCA	0.064/0.1954	1	ND	ND	ND	--	--
THCV	0.064/0.1954	1	ND	ND	ND	--	--

mg/unit = 28.35 (g) per unit 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/OZ
Total THC	0.0327	0.327	9.270
Total CBD	3.2978	32.978	934.926
Total Cannabinoids	3.4632	34.632	981.817

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 4090
 SOP: 402
 Batch Number: 61700
 Batch Date: 10/20/2023 14:03:50

Sample Analysis

Date/Time: 10/23/2023 16:42:48
 Tech: 2816
 SOP: 402
 Final Weight: 0.5091 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: 61698
 Batch Date: 10/20/2023 14:03:08

Sample Analysis

Date/Time: 10/24/2023 15:50:02
 Tech: 3445
 SOP: 424
 Final Weight: 0.1036 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: 61698
 Batch Date: 10/20/2023 14:03:08

Sample Analysis

Date/Time: 10/24/2023 15:50:02
 Tech: 3445
 SOP: 424
 Final Weight: 0.1036 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
Chlormequat chloride	0.002/0.004	1	3	0.011	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
Etoazole	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 (1.007 %)

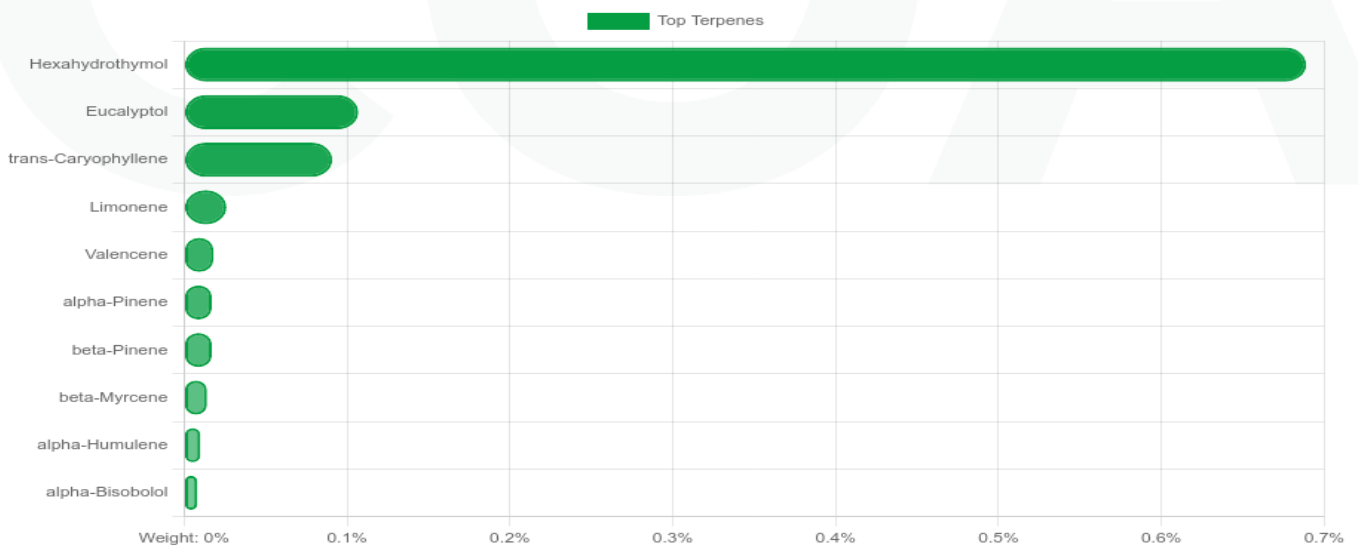
Sample Prep

Tech: 4090
 SOP: 421
 Batch Number: 61699
 Batch Date: 10/20/2023 14:03:37

Sample Analysis

Date/Time: 10/23/2023 16:45:45
 Tech: 2816
 SOP: 419
 Final Weight: 0.4028 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	0.008	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	ND	Guaiol	0.001/0.003	1	<LOQ
alpha-Humulene	0.001/0.003	1	0.010	Hexahydrothymol	0.001/0.003	1	0.689
alpha-Pinene	0.001/0.003	1	0.017	Isoborneol	0.001/0.003	1	ND
alpha-Terpinene	0.001/0.003	1	<LOQ	Isopulegol	0.001/0.003	1	ND
beta-Myrcene	0.001/0.003	1	0.014	Limonene	0.001/0.003	1	0.026
beta-Pinene	0.001/0.003	1	0.017	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	<LOQ	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	0.005	Terpineol	0.001/0.003	1	0.005
cis-Nerolidol	0.001/0.003	1	<LOQ	Terpinolene	0.001/0.003	1	ND
cis-Ocimene	0.001/0.003	1	ND	trans-Caryophyllene	0.001/0.003	1	0.091
Eucalyptol	0.001/0.003	1	0.107	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	0.018
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: 61715
 Batch Date: 10/24/2023 10:21:16

Sample Analysis

Date/Time: 10/25/2023 12:56:14
 Tech: 3445
 SOP: 405
 Final Weight: 0.0505 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	<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: 61710
 Batch Date: 10/23/2023 10:21:13

Sample Analysis

Date/Time: 10/23/2023 14:36:40
 Tech: 3396
 SOP: 428
 Final Weight: 0.2165 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: 10/22/2023 18:07:05
 Tech: 4090
 SOP: 409
 Final Weight: 55.8393 g

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 4090
 SOP: 406

Batch Number: 61694
 Batch Date: 10/20/2023 14:01:28

Date/Time: 10/23/2023 19:10:24
 Tech: 3571
 SOP: 406

Sample Analysis

Final Weight: 1.0034 g

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: 61695
 Batch Date: 10/20/2023 14:01:55

Date/Time: 10/23/2023 21:53:10
 Tech: 3571
 SOP: 406

Sample Analysis

Final Weight: 1.0272 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: 4090
 SOP: 406

Batch Number: 61695
 Batch Date: 10/20/2023 14:01:55

Date/Time: 10/23/2023 21:53:10
 Tech: 3571
 SOP: 406

Sample Analysis

Final Weight: 1.0272 g

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

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 4090
 SOP: 406

Batch Number: 61695
 Batch Date: 10/20/2023 14:01:55

Sample Analysis

Date/Time: 10/23/2023 21:53:10
 Tech: 3571
 SOP: 406

Final Weight: 1.0272 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: 0.899 Aw

Sample Prep and Analysis

Date/Time: 10/22/2023 18:42:33
Tech: 4090
SOP: 407
Final Weight: 1.0096 g

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