



SunFlora Inc.
Order #: 78315
Retail Batch #:
031023MNTH
Menthol Topical
Spray

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

Order Information

Order #: 78315
Order Name: 031023MNTH Menthol Topical
Spray
Retail Batch #: 031023MNTH Menthol Topical
Spray
Received: 04/03/2023 13:23:22
Complete: 04/13/2023 20:28:59

Batch Information

Create Date:
Exp. Date:
Size: 0

Total Qty.: 0
Matrix: Topical (EI)
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

TESTED

WATER ACTIVITY

TESTED

FILTH & FOREIGN MATERIAL
ANALYSIS

PASS

HOMOGENEITY

NOT TESTED

MYCOTOXIN ANALYSIS

PASS



0.0000 %

Total THC

0.5025 %

Total CBD

0.5025 %

Total Cannabinoids

Diana Asensio, M.S.

Lab Director

Florida

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



This COA is governed by the terms and conditions listed on: <https://www.greenscientificlabs.com/terms-of-use>



SunFlora Inc.
Order #: 78315
Retail Batch #:
031023MNTH
Menthol Topical
Spray

CERTIFICATE OF ANALYSIS

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

Sample Prep

Tech: 3975
SOP: 418
Batch Number: 59220
Batch Date: 04/03/2023 13:33:51

Sample Analysis

Date/Time: 04/05/2023 10:49:11
Tech: 1012
SOP: 417
Final Weight: 0.2024 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

ND

Total THC

0.5025 %

Total CBD

0.5025 %

Total Cannabinoids

ND

THC Per Unit

427.125 mg

CBD Per Unit

427.125 mg

Cannabinoids Per Unit

ND

THC Per Pkg

427.125 mg

CBD Per Pkg

427.125 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	ND	ND	ND	ND	--	--
CBD	0.064/0.1954	1	0.5025	5.025	427.125	427.125	--	--
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBG	0.064/0.1954	1	ND	ND	ND	ND	--	--
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	ND	ND	ND	ND	--	--
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 = 85 (g) per unit x 1 (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	0.5025	5.025	427.125	427.125
Total Cannabinoids	0.5025	5.025	427.125	427.125

Diana Asensio, M.S.

Lab Director

Florida

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



This COA is governed by the terms and conditions listed on: <https://www.greenscientificlabs.com/terms-of-use>



SunFlora Inc.
Order #: 78315
Retail Batch #:
031023MNTH
Menthol Topical
Spray

CERTIFICATE OF ANALYSIS

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

Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 3393
SOP: 402
Batch Number: 59311
Batch Date: 04/07/2023 16:34:46

Sample Analysis

Date/Time: 04/11/2023 14:50:02
Tech: 3445
SOP: 402
Final Weight: 0.502 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: 59312
Batch Date: 04/07/2023 16:35:05

Sample Analysis

Date/Time: 04/10/2023 16:13:14
Tech: 3445
SOP: 424
Final Weight: 0.5096 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

Diana Asensio, M.S.

Lab Director



Florida

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





SunFlora Inc.
Order #: 78315
Retail Batch #:
031023MNTH
Menthol Topical
Spray

CERTIFICATE OF ANALYSIS

ISO/IEC: 17025:2017 Accreditation #:

103104

License #: CMTL-0004

Agricultural Agents

LC-MS/MS

PASS

Sample Prep

Tech: 3393
SOP: 432
Batch Number: 59312
Batch Date: 04/07/2023 16:35:05

Sample Analysis

Date/Time: 04/10/2023 16:13:14
Tech: 3445
SOP: 424
Final Weight: 0.5096 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					

Diana Asensio, M.S.

Lab Director

Florida

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





SunFlora Inc.
Order #: 78315
Retail Batch #:
031023MNTH
Menthol Topical
Spray

CERTIFICATE OF ANALYSIS

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

TERPENES TOTAL

GC-FID

TESTED (9.308 %)

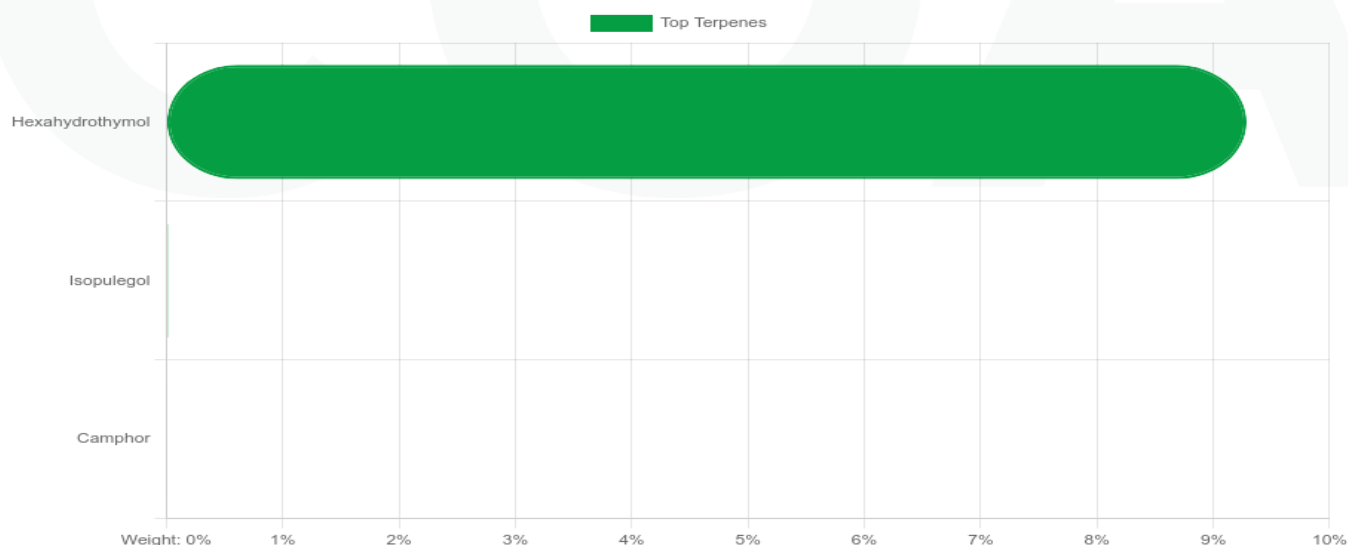
Sample Prep

Tech: 3393
SOP: 421
Batch Number: 59310
Batch Date: 04/07/2023 16:34:22

Sample Analysis

Date/Time: 04/10/2023 17:26:39
Tech: 3445
SOP: 419
Final Weight: 0.4034 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	ND
alpha-Humulene	0.001/0.003	1	ND	Hexahydrothymol	0.001/0.003	1	9.286
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	0.014
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	0.008	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	ND
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	ND				



Diana Asensio, M.S.

Lab Director



Florida

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





SunFlora Inc.
Order #: 78315
Retail Batch #:
031023MNTH
Menthol Topical
Spray

CERTIFICATE OF ANALYSIS

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

RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 4245
SOP: 405
Batch Number: 59318
Batch Date: 04/10/2023 13:19:41

Sample Analysis

Date/Time: 04/12/2023 15:32:49
Tech: 2816
SOP: 405
Final Weight: 0.0513 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	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	<LOQ	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: 59315
Batch Date: 04/10/2023 10:09:58

Sample Analysis

Date/Time: 04/10/2023 14:48:52
Tech: 3396
SOP: 428
Final Weight: 0.2149 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: 04/07/2023 20:16:49
Tech: 4090
SOP: 409
Final Weight: 75.0084 g

Diana Asensio, M.S.

Lab Director



Florida

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





SunFlora Inc.
Order #: 78315
Retail Batch #:
031023MNTH
Menthol Topical
Spray

CERTIFICATE OF ANALYSIS

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

MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 3393
SOP: 406

Batch Number: 59308
Batch Date: 04/07/2023 16:33:40

Date/Time: 04/09/2023 18:27:19
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0073 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: 59309
Batch Date: 04/07/2023 16:34:03

Date/Time: 04/10/2023 17:24:10
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0385 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: 59309
Batch Date: 04/07/2023 16:34:03

Date/Time: 04/10/2023 17:24:10
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0385 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

Diana Asensio, M.S.

Lab Director

Florida

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



This COA is governed by the terms and conditions listed on: <https://www.greenscientificlabs.com/terms-of-use>



SunFlora Inc.
Order #: 78315
Retail Batch #:
031023MNTH
Menthol Topical
Spray

CERTIFICATE OF ANALYSIS

ISO/IEC: 17025:2017 Accreditation #:

103104

License #: CMTL-0004

WATER ACTIVITY

Water Activity Meter
Water: 0.791 Aw

Sample Prep and Analysis

Date/Time: 04/07/2023 20:24:05

Tech: 4090

SOP: 407

Final Weight: 1.0981 g

MOISTURE ANALYSIS

Moisture: **98.36 %**

Sample Prep and Analysis

Date/Time: 04/07/2023 20:28:42

Tech: 4090

SOP: 411

Final Weight: 0.306 g

Diana Asensio, M.S.

Lab Director

Florida

4001 SW 47th Avenue, Suite 208

Davie, FL 33314

(954) 514-9343



This COA is governed by the terms and conditions listed on: <https://www.greenscientificlabs.com/terms-of-use>

