



SunFlora Inc.
 Order #: 84711
 Retail Batch #:
 1000mg Delta 8
 Full Spectrum
 Tincture
 (112023D8TC)

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

Order Information

Order #: 84711
 Order Name: 1000mg Delta 8 Full Spectrum
 Tincture (112023D8TC)
 Retail Batch #: 1000mg Delta 8 Full Spectrum
 Tincture (112023D8TC)
 Received: 12/07/2023 15:42:40
 Complete: 12/12/2023 18:31:39

Batch Information

Create Date: Total Qty.: 0
 Exp. Date: Matrix: Tincture
 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



0.2941 %
Total THC

1.2355 %
Total CBD

3.4144 %
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: 61961
 Batch Date: 12/11/2023 13:21:07

Sample Analysis

Date/Time: 12/12/2023 18:18:23
 Tech: 3445
 SOP: 417
 Final Weight: 0.2043 g
 Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.2941 % Total THC	2.779 mg THC Per Unit	88.936 mg THC Per Pkg
1.2355 % Total CBD	11.675 mg CBD Per Unit	373.615 mg CBD Per Pkg
3.4144 % Total Cannabinoids	32.265 mg Cannabinoids Per Unit	1032.515 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	0.2139	2.139	2.021	64.683	--	--
CBD	0.064/0.1954	1	1.2355	12.355	11.675	373.615	--	--
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	0.0348	0.348	0.329	10.524	--	--
CBG	0.064/0.1954	1	0.0609	0.609	0.576	18.416	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	0.0337	0.337	0.318	10.191	--	--
d8-THC	0.064/0.1954	1	1.5415	15.415	14.567	466.150	--	--
d9-THC	0.064/0.1954	1	0.2941	2.941	2.779	88.936	--	--
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 0.945 (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	0.2941	2.941	2.779	88.936
Total CBD	1.2355	12.355	11.675	373.615
Total Cannabinoids	3.4144	34.144	32.265	1032.515

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 3396
 SOP: 402
 Batch Number: 61948
 Batch Date: 12/08/2023 10:46:00

Sample Analysis

Date/Time: 12/11/2023 16:36:38
 Tech: 2816
 SOP: 402
 Final Weight: 0.4862 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: 3396
 SOP: 432
 Batch Number: 61951
 Batch Date: 12/08/2023 11:13:38

Sample Analysis

Date/Time: 12/11/2023 16:12:49
 Tech: 3445
 SOP: 424
 Final Weight: 0.1069 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: 12/11/2023 16:12:49
 Tech: 3445
 SOP: 424
 Final Weight: 0.1069 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	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 (0.362 %)

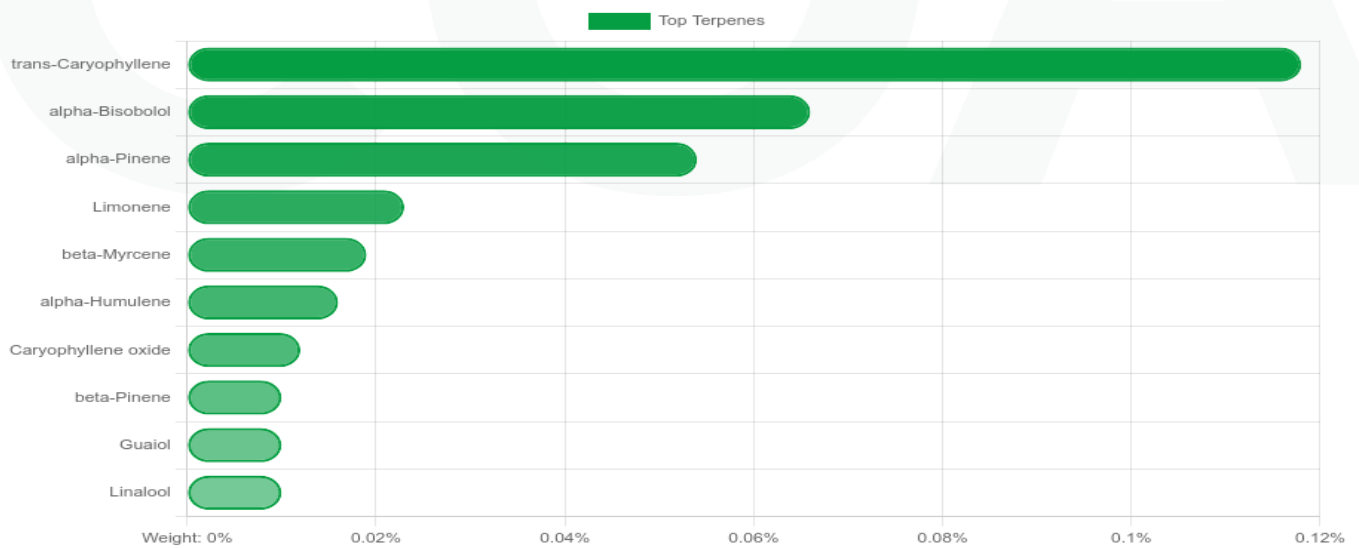
Sample Prep

Tech: 2816
 SOP: 421
 Batch Number: 61950
 Batch Date: 12/08/2023 11:01:05

Sample Analysis

Date/Time: 12/11/2023 16:41:07
 Tech: 2816
 SOP: 419
 Final Weight: 0.4181 g
 Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)
3-Carene	0.001/0.003	1	0.008	Geraniol	0.001/0.003	1	ND
alpha-Bisobolol	0.001/0.003	1	0.066	Geranyl acetate	0.001/0.003	1	0.008
alpha-Cedrene	0.001/0.003	1	ND	Guaiol	0.001/0.003	1	0.010
alpha-Humulene	0.001/0.003	1	0.016	Hexahydrothymol	0.001/0.003	1	<LOQ
alpha-Pinene	0.001/0.003	1	0.054	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	0.019	Limonene	0.001/0.003	1	0.023
beta-Pinene	0.001/0.003	1	0.010	Linalool	0.001/0.003	1	0.010
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	0.012	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	0.004	Terpineol	0.001/0.003	1	<LOQ
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	0.118
Eucalyptol	0.001/0.003	1	ND	trans-Nerolidol	0.001/0.003	1	<LOQ
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	0.004				



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RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 2816
 SOP: 405
 Batch Number: 61944
 Batch Date: 12/08/2023 10:26:22

Sample Analysis

Date/Time: 12/12/2023 17:52:26
 Tech: 3445
 SOP: 405
 Final Weight: 0.0519 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	ND
Acetonitrile	0.72/25	1	60	ND	Methanol	6/100	1	250	ND
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	<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: 61945
 Batch Date: 12/08/2023 10:33:23

Sample Analysis

Date/Time: 12/08/2023 14:57:43
 Tech: 3396
 SOP: 428
 Final Weight: 0.2406 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: 12/10/2023 11:59:38
 Tech: 4090
 SOP: 409
 Final Weight: 27.9048 g

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 4302
 SOP: 406

Batch Number: 61941
 Batch Date: 12/07/2023 16:40:19

Sample Analysis

Date/Time: 12/10/2023 17:07:27
 Tech: 3571
 SOP: 406

Final Weight: 1.0116 g

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

Sample Prep

Tech: 4302
 SOP: 406

Batch Number: 61942
 Batch Date: 12/07/2023 16:40:47

Sample Analysis

Date/Time: 12/11/2023 15:55:59
 Tech: 3358
 SOP: 406

Final Weight: 1.0111 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

Sample Prep

Tech: 4302
 SOP: 406

Batch Number: 61942
 Batch Date: 12/07/2023 16:40:47

Sample Analysis

Date/Time: 12/11/2023 15:55:59
 Tech: 3358
 SOP: 406

Final Weight: 1.0111 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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PASS

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Tech: 4302
 SOP: 406

Batch Number: 61942
 Batch Date: 12/07/2023 16:40:47

Sample Analysis

Date/Time: 12/11/2023 15:55:59
 Tech: 3358
 SOP: 406

Final Weight: 1.0111 g

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

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WATER ACTIVITY

Water Activity Meter
Water: 0.439 Aw

Sample Prep and Analysis

Date/Time: 12/10/2023 11:59:38
Tech: 4090
SOP: 407
Final Weight: 1.0547 g

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