



SunFlora Inc.
Order #: 80266
Retail Batch #:
052023BCBG
500mg CBG Broad
Spec Tincture

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

Order Information

Order #: 80266
Order Name: 052023BCBG 500mg CBG Broad
Spec Tincture
Retail Batch #: 052023BCBG 500mg CBG
Broad Spec Tincture
Received: 06/05/2023 13:59:43
Complete: 06/14/2023 09:27:58

Batch Information

Create Date:
Exp. Date:
Size: 0

Total Qty.: 0
Matrix: Tincture
Pickup Weight: N/A

CANNABINOID PROFILE

TESTED

LABEL CLAIM

PASS

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

0.2032 %

Total CBD

2.0240 %

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: 60060
Batch Date: 06/05/2023 13:48:58

Sample Analysis

Date/Time: 06/07/2023 10:54:05
Tech: 1012
SOP: 417
Final Weight: 0.2064 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

ND

Total THC

0.2032 %

Total CBD

2.0240 %

Total Cannabinoids

ND

THC Per Unit

1.920 mg

CBD Per Unit

19.126 mg
Cannabinoids Per Unit

ND

THC Per Pkg

57.607 mg

CBD Per Pkg

573.804 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	0.0364	0.364	0.344	10.319	--	--
CBD	0.064/0.1954	1	0.2032	2.032	1.920	57.607	--	--
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	1.7108	17.108	16.167	485.012	500	3
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	0.0302	0.302	0.285	8.562	--	--
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	0.0434	0.434	0.410	12.304	--	--
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 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	ND	ND	ND	ND
Total CBD	0.2032	2.032	1.920	57.607
Total Cannabinoids	2.0240	20.240	19.126	573.804

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 3393
SOP: 402
Batch Number: 60096
Batch Date: 06/07/2023 13:47:55

Sample Analysis

Date/Time: 06/08/2023 15:17:12
Tech: 3445
SOP: 402
Final Weight: 0.5082 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: 60095
Batch Date: 06/07/2023 13:47:41

Sample Analysis

Date/Time: 06/09/2023 16:08:04
Tech: 3445
SOP: 424
Final Weight: 0.1052 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	<LOQ

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SOP: 432
Batch Number: 60095
Batch Date: 06/07/2023 13:47:41

Sample Analysis

Date/Time: 06/09/2023 16:08:04
Tech: 3445
SOP: 424
Final Weight: 0.1052 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
Flonicamid	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 (0.165 %)

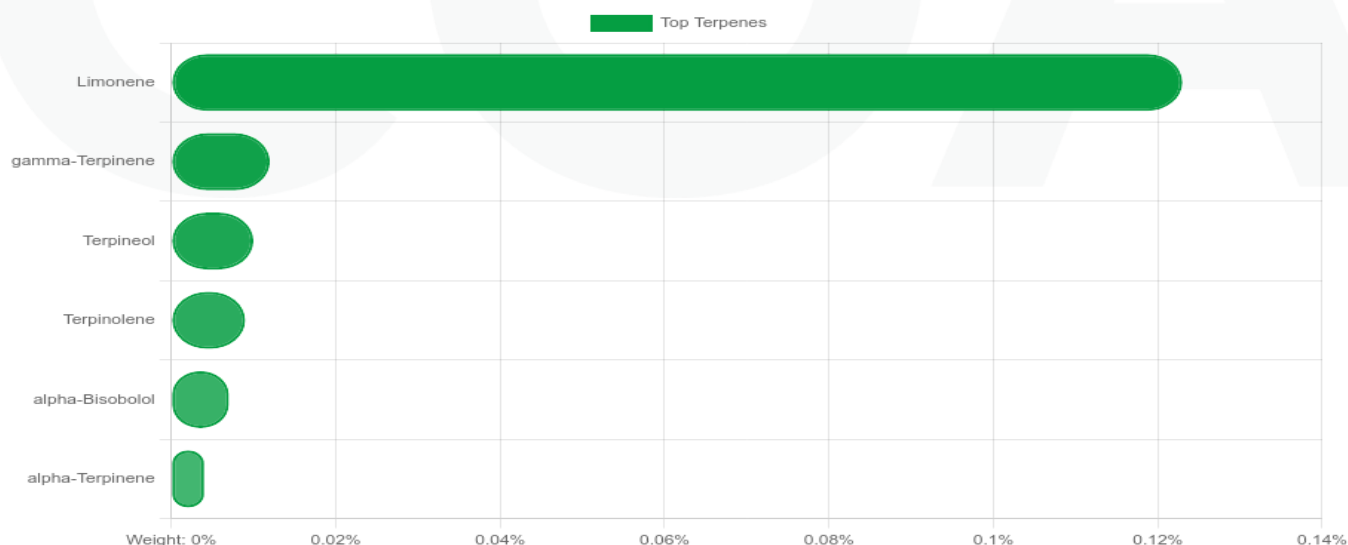
Sample Prep

Tech: 3393
SOP: 421
Batch Number: 60097
Batch Date: 06/07/2023 13:49:18

Sample Analysis

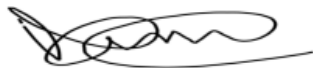
Date/Time: 06/08/2023 15:09:33
Tech: 3445
SOP: 419
Final Weight: 0.4062 g
Volume: 10 ml

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	0.007	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	<LOQ
alpha-Pinene	0.001/0.003	1	<LOQ	Isoborneol	0.001/0.003	1	ND
alpha-Terpinene	0.001/0.003	1	0.004	Isopulegol	0.001/0.003	1	ND
beta-Myrcene	0.001/0.003	1	<LOQ	Limonene	0.001/0.003	1	0.123
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	0.010
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	0.009
cis-Ocimene	0.001/0.003	1	ND	trans-Caryophyllene	0.001/0.003	1	ND
Eucalyptol	0.001/0.003	1	<LOQ	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	0.012				



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RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 2816
SOP: 405
Batch Number: 60103
Batch Date: 06/07/2023 15:56:53

Sample Analysis

Date/Time: 06/08/2023 13:20:41
Tech: 2816
SOP: 405
Final Weight: 0.0491 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	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	<LOQ	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: 60131
Batch Date: 06/08/2023 19:48:22

Sample Analysis

Date/Time: 06/12/2023 16:50:50
Tech: 3396
SOP: 428
Final Weight: 0.2335 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: 06/12/2023 16:01:59
Tech: 3381
SOP: 409
Final Weight: 19.1123 g

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 3393
SOP: 406

Batch Number: 60093
Batch Date: 06/07/2023 13:45:56

Date/Time: 06/08/2023 22:15:54
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0125 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: 60094
Batch Date: 06/07/2023 13:47:10

Date/Time: 06/10/2023 11:17:01
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0132 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: 60094
Batch Date: 06/07/2023 13:47:10

Date/Time: 06/10/2023 11:17:01
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0132 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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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 3393
SOP: 406

Batch Number: 60094
Batch Date: 06/07/2023 13:47:10

Sample Analysis

Date/Time: 06/10/2023 11:17:01
Tech: 3571
SOP: 406

Final Weight: 1.0132 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: 0.620 Aw

Sample Prep and Analysis

Date/Time: 06/12/2023 17:27:31
Tech: 3381
SOP: 407
Final Weight: 1.0796 g

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