



SunFlora Inc.  
 Order #: 80681  
 Retail Batch #:  
 500mg CBG Broad  
 Spec Tincture  
 052023BCBG

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

### Order Information

Order #: 80681  
 Order Name: 500mg CBG Broad Spec Tincture  
 052023BCBG  
 Retail Batch #: 500mg CBG Broad Spec  
 Tincture 052023BCBG  
 Received: 06/22/2023 12:54:34  
 Complete: 06/29/2023 10:56:05

### Batch Information

Create Date: Total Qty.: 0  
 Exp. Date: Matrix: Tincture  
 Size: 0 Pickup Weight: N/A

CANNABINOID PROFILE <b>TESTED</b>	LABEL CLAIM <b>PASS</b>	MICROBIAL ANALYSIS <b>PASS</b>
RESIDUAL SOLVENTS <b>PASS</b>	AGRICULTURAL AGENTS <b>PASS</b>	HEAVY METAL ANALYSIS <b>PASS</b>
TERPENES TOTAL <b>TESTED</b>	MOISTURE ANALYSIS <b>NOT TESTED</b>	WATER ACTIVITY <b>TESTED</b>
FILTH & FOREIGN MATERIAL ANALYSIS <b>PASS</b>	HOMOGENEITY <b>NOT TESTED</b>	MYCOTOXIN ANALYSIS <b>PASS</b>



**0.0000 %**  
Total THC

**0.2401 %**  
Total CBD

**2.2269 %**  
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: 3393  
 SOP: 418  
 Batch Number: 60323  
 Batch Date: 06/22/2023 13:12:45

**Sample Analysis**

Date/Time: 06/26/2023 08:57:23  
 Tech: 1012  
 SOP: 417  
 Final Weight: 0.2005 g  
 Volume: 40 ml

**CANNABINOID PROFILE**

HPLC-DAD

ND Total THC	ND THC Per Unit	ND THC Per Pkg
0.2401 % Total CBD	2.269 mg CBD Per Unit	68.068 mg CBD Per Pkg
2.2269 % Total Cannabinoids	21.044 mg Cannabinoids Per Unit	631.326 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	0.0382	0.382	0.361	10.830	--	--
CBD	0.064/0.1954	1	0.2401	2.401	2.269	68.068	--	--
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	1.8628	18.628	17.603	528.104	500	5.6
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	0.0343	0.343	0.324	9.724	--	--
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**

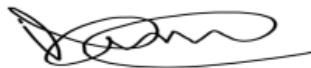
ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBDVA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBL	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBT	0.064/0.1954	1	0.0515	0.515	0.487	14.600	--	--
d10-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THCP	0.064/0.1954	1	ND	ND	ND	ND	--	--
exo-THC	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	0.2401	2.401	2.269	68.068
Total Cannabinoids	2.2269	22.269	21.044	631.326

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**Agricultural Agents**

GC-MS/MS

**PASS**

**Sample Prep**

Tech: 3381  
 SOP: 402  
 Batch Number: 60364  
 Batch Date: 06/26/2023 14:32:09

**Sample Analysis**

Date/Time: 06/28/2023 14:21:25  
 Tech: 2816  
 SOP: 402  
 Final Weight: 0.5317 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: 3381  
 SOP: 432  
 Batch Number: 60367  
 Batch Date: 06/26/2023 14:40:48

**Sample Analysis**

Date/Time: 06/27/2023 16:15:18  
 Tech: 3445  
 SOP: 424  
 Final Weight: 0.1085 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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**Sample Analysis**

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 Tech: 3445  
 SOP: 424  
 Final Weight: 0.1085 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
Chloromequat 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 (0.178 %)**

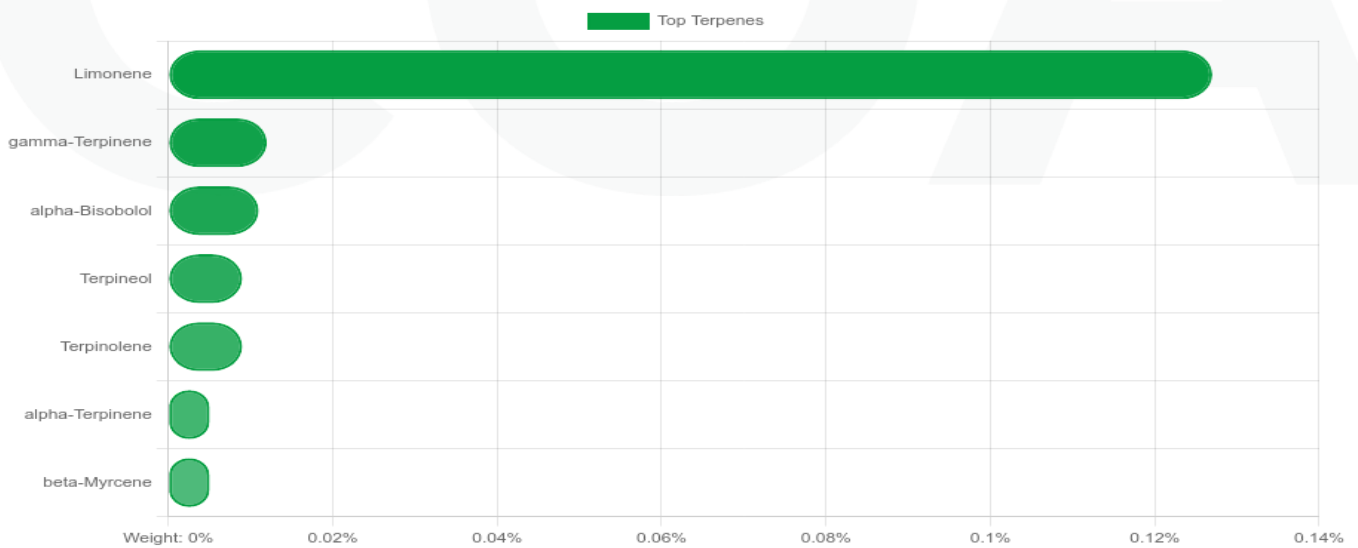
**Sample Prep**

Tech: 3381  
SOP: 421  
Batch Number: 60365  
Batch Date: 06/26/2023 14:35:06

**Sample Analysis**

Date/Time: 06/27/2023 17:07:30  
Tech: 2816  
SOP: 419  
Final Weight: 0.3707 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	0.011	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	ND
alpha-Pinene	0.001/0.003	1	<LOQ	Isoborneol	0.001/0.003	1	ND
alpha-Terpinene	0.001/0.003	1	0.005	Isopulegol	0.001/0.003	1	ND
beta-Myrcene	0.001/0.003	1	0.005	Limonene	0.001/0.003	1	0.127
beta-Pinene	0.001/0.003	1	<LOQ	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	ND	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	ND	Terpineol	0.001/0.003	1	0.009
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	<LOQ
Fenchyl alcohol	0.001/0.003	1	ND	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: 60370  
 Batch Date: 06/26/2023 16:18:47

**Sample Analysis**

Date/Time: 06/28/2023 16:09:08  
 Tech: 2816  
 SOP: 405  
 Final Weight: 0.0522 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	ND
Acetonitrile	0.72/25	1	60	<LOQ	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	<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: 60381  
 Batch Date: 06/27/2023 11:09:43

**Sample Analysis**

Date/Time: 06/27/2023 16:00:27  
 Tech: 3396  
 SOP: 428  
 Final Weight: 0.2539 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**

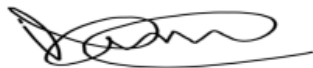
Result: **PASS**

**Sample Prep and Analysis**

Date/Time: 06/26/2023 23:14:37  
 Tech: 3381  
 SOP: 409  
 Final Weight: 20.0822 g

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**MICROBIAL ANALYSIS**  
**PASS**

**Sample Prep**

Tech: 3571  
 SOP: 406

Batch Number: 60368  
 Batch Date: 06/26/2023 15:16:50

Date/Time: 06/27/2023 14:32:41  
 Tech: 3358  
 SOP: 406

Final Weight: 1.0208 g

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

**Sample Analysis**

**Sample Prep**

Tech: 3571  
 SOP: 406

Batch Number: 60369  
 Batch Date: 06/26/2023 15:20:47

Date/Time: 06/28/2023 20:50:02  
 Tech: 3571  
 SOP: 406

Final Weight: 1.0886 g

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

**Sample Analysis**

**Sample Prep**

Tech: 3571  
 SOP: 406

Batch Number: 60369  
 Batch Date: 06/26/2023 15:20:47

Date/Time: 06/28/2023 20:50:02  
 Tech: 3571  
 SOP: 406


Final Weight: 1.0886 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 Analysis**

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**MICROBIAL ANALYSIS**  
**PASS**

**Sample Prep**

Tech: 3571      Batch Number: 60369  
 SOP: 406      Batch Date: 06/26/2023 15:20:47

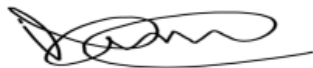
**Sample Analysis**

Date/Time: 06/28/2023 20:50:02      Final Weight: 1.0886 g  
 Tech: 3571  
 SOP: 406

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**

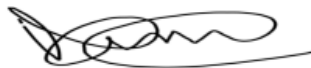
Water Activity Meter  
Water: 0.657 Aw

**Sample Prep and Analysis**

Date/Time: 06/27/2023 18:34:07  
Tech: 3381  
SOP: 407  
Final Weight: 1.0627 g

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