CERTIFICATE OF ANALYSIS
ISO/IEC 17025:2017 ACCREDITATION #103104

Order #: 97382
Order Name: 051022BSTC 1000mg Broad Spectrum Tincture
Batch#: 051022BSTC 1000mg Broad Spectrum Tincture
Received: 07/14/2022
Completed: 07/18/2022

SunFlora Inc.

Sample



N/D Total D9-THC	3.277% Total CBD
1,012.9 mg Cannabinoids per unit	928.9 mg CBD per unit

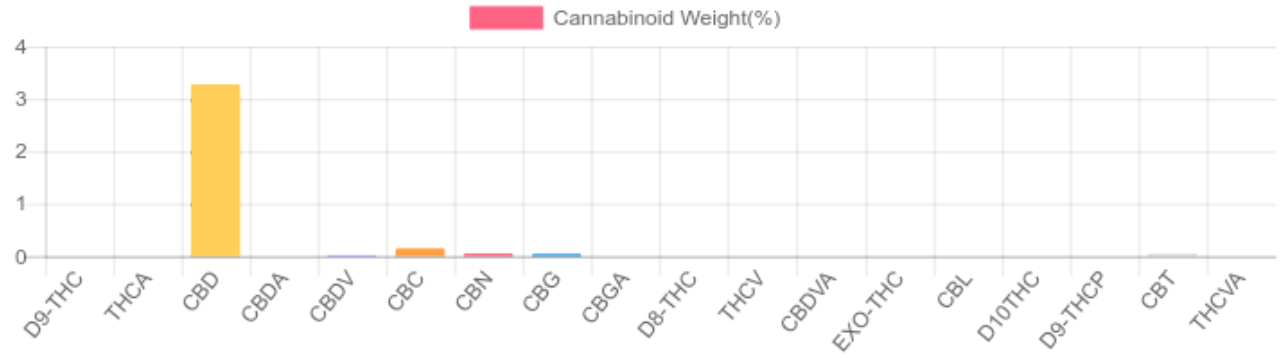
1 unit = 30 ml per unit x density (0.945) x Cannabinoid concentration

Cannabinoids Test

HPLC-DAD
GSL SOP 400

UPLOADED: 07/15/2022 12:25:10

Cannabinoids	LOQ(mg/g)	LOD(mg/g)	weight(%)	mg/g	mg/unit
D9-THC	0.1954	0.0645	N/D	N/D	N/D
THCA	0.1954	0.0645	N/D	N/D	N/D
CBD	0.1954	0.0645	**3.277**%	**32.767**	**928.944**
CBDA	0.1954	0.0645	N/D	N/D	N/D
CBDV	0.1954	0.0645	B/LOQ	B/LOQ	B/LOQ
CBC	0.1954	0.0645	**0.147**%	**1.467**	**41.589**
CBN	0.1954	0.0645	**0.052**%	**0.525**	**14.884**
CBG	0.1954	0.0645	**0.046**%	**0.459**	**13.013**
CBGA	0.1954	0.0645	N/D	N/D	N/D
D8-THC	0.1954	0.0645	N/D	N/D	N/D
THCV	0.1954	0.0645	N/D	N/D	N/D
CBDVA	0.1954	0.0645	N/D	N/D	N/D
EXO-THC	0.1954	0.0645	N/D	N/D	N/D
CBL	0.1954	0.0645	N/D	N/D	N/D
D10THC	0.1954	0.0645	N/D	N/D	N/D
D9-THCP	0.1954	0.0645	N/D	N/D	N/D
CBT	0.1954	0.0645	**0.051**%	**0.512**	**14.515**
THCVA	0.1954	0.0645	N/D	N/D	N/D
TOTAL D9-THC			**N/D**	**N/D**	**N/D**
TOTAL CBD*			**3.277%**	**32.767**	**928.9**
TOTAL CANNABINOIDS			**3.573%**	**35.730**	**1,012.9**



*Total CBD = CBD + CBDA x 0.877
N/D - Not Detected, B/LOQ - Below Limit of Quantification

Diana Asensio, M.S.,
Lab Director

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1-833 TEST CBD

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PESTICIDE ANALYSIS:

GSL SOP 401

UPLOADED: 07/15/2022 14:07:47

GC-MS/MS

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CAPTAN	3.000	N/D	0.100	0.010
CHLORDANE	0.100	N/D	0.100	0.010
CHLORFENAPYR	0.100	N/D	0.100	0.010
COUMAPHOS	0.100	N/D	0.100	0.010
CYFLUTHRIN	1.000	N/D	0.100	0.010
CYPERMETHRIN	1.000	N/D	0.100	0.010
PARATHION-METHYL	0.100	N/D	0.100	0.010
PENTACHLORONITROBENZENE	0.200	N/D	0.100	0.010

LC-MS/MS

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.300	N/D	0.035	0.002
ACEPHATE	3.000	N/D	0.040	0.002
ACEQUINOCYL	2.000	N/D	0.002	0.002
ACETAMIPRID	3.000	N/D	0.002	0.002
ALDICARB	0.100	N/D	0.010	0.002
AZOXYSTROBIN	3.000	N/D	0.040	0.002
BIFENAZATE	3.000	N/D	0.002	0.002
BIFENTHRIN	0.500	N/D	0.002	0.002
BOSCALID	3.000	N/D	0.050	0.010
CARBARYL	0.500	N/D	0.004	0.002
CARBOFURAN	0.100	N/D	0.010	0.002
CHLORANTRANILIPROLE	3.000	N/D	0.010	0.002
CHLORMEQUAT CHLORIDE	3.000	N/D	0.004	0.002
CHLORPYRIFOS	0.100	N/D	0.010	0.002
CLOFENTEZINE	0.500	N/D	0.002	0.002
DAMINOZIDE	0.100	N/D	0.040	0.010
DIAZINON	0.200	N/D	0.010	0.002
DICHLORVOS	0.100	N/D	0.040	0.002
DIMETHOATE	0.100	N/D	0.002	0.002
DIMETHOMORPH	3.000	N/D	0.002	0.001
ETHOPROPHOS	0.100	N/D	0.010	0.002
ETOFENPROX	0.100	N/D	0.002	0.002
ETOXAZOLE	1.500	N/D	0.002	0.002
FENHEXAMID	3.000	N/D	0.040	0.010
FENOXYCARB	0.100	N/D	0.004	0.002
FENPYROXIMATE	2.000	N/D	0.002	0.002
FIPRONIL	0.100	N/D	0.004	0.002
FLONICAMID	2.000	N/D	0.010	0.002
FLUDIOXONIL	3.000	N/D	0.004	0.002
HEXYTHIAZOX	2.000	N/D	0.004	0.002
IMAZALIL	0.100	N/D	0.010	0.002
IMIDACLOPRID	3.000	N/D	0.002	0.002
KRESOXIM-METHYL	1.000	N/D	0.002	0.002
MALATHION	2.000	N/D	0.040	0.010
METALAXYL	3.000	N/D	0.004	0.002
METHIOCARB	0.100	N/D	0.010	0.002
METHOMYL	0.100	N/D	0.002	0.002
MEVINPHOS	0.100	N/D	0.036	0.009
MYCLOBUTANIL	3.000	N/D	0.040	0.002
NALED	0.500	N/D	0.010	0.002
OXAMYL	0.500	N/D	0.002	0.002
PACLOBUTRAZOL	0.100	N/D	0.004	0.002
PERMETHRINS	1.000	N/D	0.010	0.002
PHOSMET	0.200	N/D	0.002	0.002
PIPERONYL BUTOXIDE	3.000	N/D	0.002	0.002
PRALLETHRIN	0.400	N/D	0.010	0.002
PROPICONAZOLE	1.000	N/D	0.040	0.002
PROPOXUR	0.100	N/D	0.010	0.002
PYRETHRINS	1.000	N/D	0.013	0.001
PYRIDABEN	3.000	N/D	0.002	0.002
SPINETORAM	3.000	N/D	0.003	0.001
SPINOSAD	3.000	N/D	0.001	0.001
SPIROMESIFEN	3.000	N/D	0.002	0.002
SPIROTETRAMAT	3.000	N/D	0.010	0.002
SPIROXAMINE	0.100	N/D	0.040	0.002
TEBUCONAZOLE	1.000	N/D	0.040	0.010
THIACLOPRID	0.100	N/D	0.002	0.002
THIAMETHOXAM	1.000	N/D	0.010	0.002
TRIFLOXYSTROBIN	3.000	N/D	0.002	0.002

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level

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1-833 TEST CBD

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RESIDUAL SOLVENTS:

HS-GC-MS

GSL SOP 405

Uploaded: 07/15/2022 12:44:46

Residual Solvent	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
1,1-DICHLOROETHENE	8	N/D	0.63	0.6
1,2- DICHLOROETHANE	2	N/D	0.12	0.04
1,2-DICHLOROETHENE	5	N/D	0.73	0.09
ACETONE	5,000	N/D	140	75
ACETONITRILE	410	B/LOQ	25	6
BENZENE	1	N/D	1	0.6
BUTANE	5,000	N/D	50	48
CHLOROFORM	1	N/D	1	0.5
ETHANOL	5,000	B/LOQ	140	47
ETHYL ACETATE	5,000	N/D	140	40
ETHYL ETHER	5,000	N/D	140	50
ETHYLENE OXIDE	1	N/D	2	0.6
ISOPROPYL ALCOHOL	5,000	N/D	140	50
METHANOL	3,000	N/D	100	25
METHYLENE CHLORIDE	125	N/D	1.5	1.5
N-HEPTANE	5,000	N/D	140	6
N-HEXANE	290	N/D	18	6
PENTANE	5,000	N/D	140	75
PROPANE	5,000	N/D	30	30
TOLUENE	890	N/D	53	15
TRICHLOROETHENE	1	N/D	1	0.3
XYLENES	150	N/D	130	15

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Microbial Analysis:

Microbial Analysis GSL SOP 406

Uploaded: 07/16/2022 16:40:49

MICROBIAL ANALYSIS:

Test	SOP	Test Method	Device Used	Allowable Criteria	Actual Result
LISTERIA MONOCYTOGENES	406	REAL-TIME PCR	ARIAMX PCR	NOT APPLICABLE	NOT DETECTED
PATHOGENIC E. COLI	406	REAL-TIME PCR	ARIAMX PCR	NOT APPLICABLE	NOT DETECTED
STEC E. COLI*	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
SALMONELLA*	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED

* STEC and Salmonella run as Multiplex
** CFU/g Calculation based on MIP/Extract matrix

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Mycotoxin Analysis:

LC-MS/MS
GSL SOP 401

Uploaded: 07/15/2022 14:07:42

Analyte	LOQ (ppb)	LOD (ppb)	Action Lvl (ppb)	Results (ppb)
AFLATOXIN B1	1	1	20	N/D
AFLATOXIN B2	1	1	20	N/D
AFLATOXIN G1	1	1	20	N/D
AFLATOXIN G2	1	1	20	N/D
OCHRATOXIN A	1	1	20	N/D

Heavy Metals Analysis:

ICP-MS
GSL SOP 403

Uploaded: 07/15/2022 14:01:14

Metal	LOQ (ppb)	LOD (ppb)	Action Level (ppb)	Result (ppb)
ARSENIC (AS)	75	20	200	N/D
CADMIUM (CD)	75	20	200	N/D
MERCURY (HG)	75	20	100	N/D
LEAD (PB)	75	20	500	B/LOQ

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1-833 TEST CBD

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