

CERTIFICATE OF ANALYSIS

ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 93956
 Order Name: CBDaF 300mg
 Spearmint Tincture
 Batch#: AF052022A
 Received: 04/26/2022
 Completed: 05/02/2022

CBDaF, LLC.
 4343 N. Scottsdale Rd. STE 150-135
 STE 150-135
 Scottsdale AZ, 85251
 (480) 535-8542



Sample



0.033%
Total D9-THC

0.968%
Total CBD

358.7 mg
Cannabinoids per unit

305.0 mg
CBD per unit

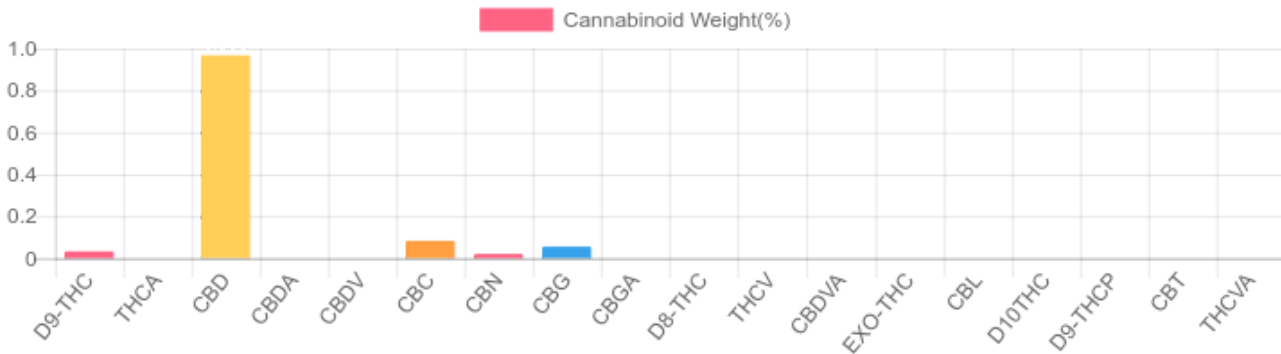
1 unit = 30 ml per unit x density (1.05) x Cannabinoid concentration

Cannabinoids Test

HPLC-DAD
 GSL SOP 400

UPLOADED: 05/02/2022 14:28:49

Cannabinoids	LOQ(mg/g)	LOD(mg/g)	weight(%)	mg/g	mg/unit
D9-THC	0.1954	0.0645	0.033%	0.327	10.301
THCA	0.1954	0.0645	N/D	N/D	N/D
CBD	0.1954	0.0645	0.968%	9.681	304.952
CBDA	0.1954	0.0645	N/D	N/D	N/D
CBDV	0.1954	0.0645	N/D	N/D	N/D
CBC	0.1954	0.0645	0.083%	0.827	26.051
CBN	0.1954	0.0645	B/LOQ	B/LOQ	B/LOQ
CBG	0.1954	0.0645	0.055%	0.553	17.420
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	N/D	N/D	N/D
THCVA	0.1954	0.0645	N/D	N/D	N/D
TOTAL D9-THC			0.033%	0.327	10.3
TOTAL CBD*			0.968%	9.681	305.0
TOTAL CANNABINOIDS			1.139%	11.388	358.7



*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: 04/28/2022 09:15:57

GC-MS/MS

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CAPTAN	0.700	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

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
CYFLUTHRIN	2.000	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	0.100	N/D	0.100	0.010

LC-MS/MS

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
ABAMECTIN B1A	0.100	N/D	0.035	0.002
ACEPHATE	0.100	N/D	0.040	0.002
ACEQUINOCYL	0.100	N/D	0.002	0.002
ACETAMIPRID	0.100	N/D	0.002	0.002
ALDICARB	0.100	N/D	0.010	0.002
AZOXYSTROBIN	0.100	N/D	0.040	0.002
BIFENAZATE	0.100	N/D	0.002	0.002
BIFENTHRIN	3.000	N/D	0.002	0.002
BOSCALID	0.100	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	10.000	N/D	0.010	0.002
CHLORPYRIFOS	0.100	N/D	0.010	0.002
CLOFENTEZINE	0.100	N/D	0.002	0.002
DAMINOZIDE	0.100	N/D	0.040	0.010
DIAZINON	0.100	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	2.000	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	0.100	N/D	0.002	0.002
FENHEXAMID	0.100	N/D	0.040	0.010
FENOXYCARB	0.100	N/D	0.004	0.002
FENPYROXIMATE	0.100	N/D	0.002	0.002
FIPRONIL	0.100	N/D	0.004	0.002
FLONICAMID	0.100	N/D	0.010	0.002
FLUDIOXONIL	0.100	N/D	0.004	0.002
HEXYTHIAZOX	0.100	N/D	0.004	0.002

Pesticide	Action Level (ppm)	Results (ppm)	LOQ (ppm)	LOD (ppm)
IMAZALIL	0.100	N/D	0.010	0.002
IMIDACLOPRID	5.000	N/D	0.002	0.002
KRESOXIM-METHYL	0.100	N/D	0.002	0.002
MALATHION	0.500	N/D	0.040	0.010
METALAXYL	2.000	N/D	0.004	0.002
METHIOCARB	0.100	N/D	0.010	0.002
METHOMYL	1.000	N/D	0.002	0.002
MEVINPHOS	0.100	N/D	0.036	0.009
MYCLOBUTANIL	0.100	N/D	0.040	0.002
NALED	0.100	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	0.500	N/D	0.010	0.002
PHOSMET	0.100	N/D	0.002	0.002
PIPERONYL				
BUTOXIDE	3.000	N/D	0.002	0.002
PRALLETHRIN	0.100	N/D	0.010	0.002
PROPICONAZOLE	0.100	N/D	0.040	0.002
PROPOXUR	0.100	N/D	0.010	0.002
PYRETHRINS	0.500	N/D	0.013	0.001
PYRIDABEN	0.100	N/D	0.002	0.002
SPINETORAM	0.100	N/D	0.003	0.001
SPINOSAD	0.100	N/D	0.001	0.001
SPIROMESIFEN	0.100	N/D	0.002	0.002
SPIROTETRAMAT	0.100	N/D	0.010	0.002
SPIROXAMINE	0.100	N/D	0.040	0.002
TEBUCONAZOLE	0.100	N/D	0.040	0.010
THIACLOPRID	0.100	N/D	0.002	0.002
THIAMETHOXAM	5.000	N/D	0.010	0.002
TRIFLOXYSTROBIN	0.100	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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RESIDUAL SOLVENTS:

HS-GC-MS

GSL SOP 405

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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	0.012
1,2-DICHLOROETHENE	5	N/D	0.73	0.09
ACETONE	5,000	N/D	140	9
ACETONITRILE	410	N/D	25	0.72
BENZENE	1	N/D	1	0.6
BUTANE	5,000	N/D	50	48
CHLOROFORM	1	N/D	1	0.5
ETHANOL	5,000	N/D	140	12
ETHYL ACETATE	5,000	B/LOQ	140	2.4
ETHYL ETHER	5,000	N/D	140	6
ETHYLENE OXIDE	1	N/D	2	0.6
ISOPROPYL ALCOHOL	5,000	B/LOQ	140	3
METHANOL	3,000	B/LOQ	100	6
METHYLENE CHLORIDE	125	N/D	1.5	1.5
N-HEPTANE	5,000	N/D	140	6
N-HEXANE	290	N/D	18	0.06
PENTANE	5,000	N/D	140	9
PROPANE	5,000	N/D	30	30
TOLUENE	890	N/D	53	0.9
TRICHLOROETHENE	1	N/D	1	0.3
XYLENES	150	N/D	130	1.8

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Microbial Analysis:

Microbial Analysis GSL SOP 406

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MICROBIAL ANALYSIS:

Test	SOP	Test Method	Device Used	Allowable Criteria	Actual Result
ASPERGILLUS FUMIGATUS***	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
ASPERGILLUS NIGER***	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
ASPERGILLUS FLAVUS***	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	NOT DETECTED
ASPERGILLUS TERREUS***	406	REAL-TIME PCR	ARIAMX PCR	< 1 CFU/G	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

*** Flavus = 2 Copies of DNA / Fumigatis = 2 Copies of DNA Niger = 20 Copies of DNA / Terrus = 10 copies of DNA

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Mycotoxin Analysis:

LC-MS/MS
 GSL SOP 401

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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: 04/27/2022 15:51:36

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	N/D

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