

# CERTIFICATE OF ANALYSIS



Order #: 34216  
 Order Name: Full Spectrum  
 500 Peppermint  
 Batch#: 1930G  
 Received: 08/01/2019  
 Completed: 08/05/2019



CBD Hemp Experts  
 841 Prudential Drive, Suite 1200  
 Jacksonville FL, 32207  
 (904) 900-4747  
 info@cbd hempexperts.com



## Sample



N/D  
 D9-THC

1.900%  
 Total CBD

525.9 mg  
 Cannabinoids per  
 tincture

518.8 mg  
 CBD per  
 tincture

1 tincture = 27.3 grams per tincture x  
 Cannabinoid concentration

## Cannabinoids Test

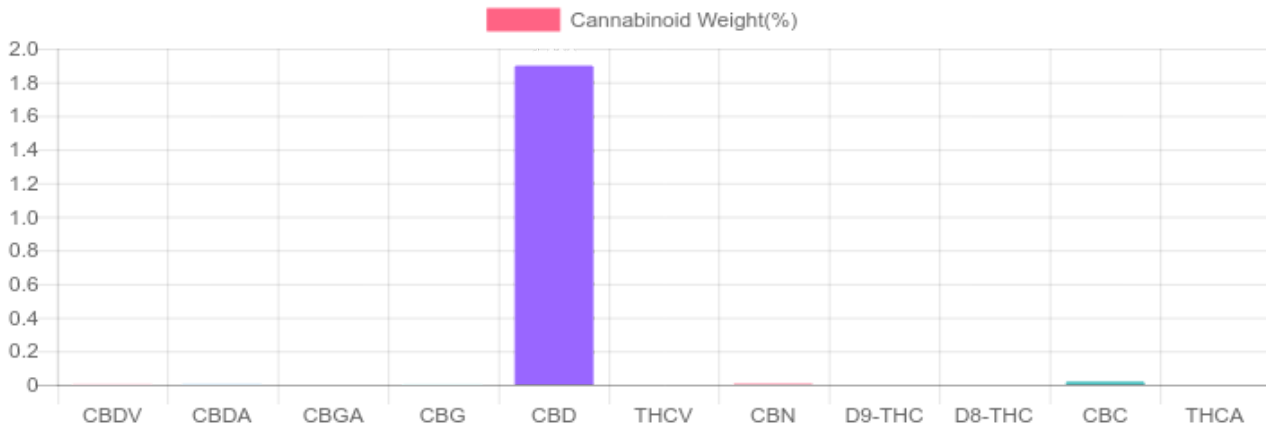
SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400

PREPARED: 08/01/2019 20:47:21

UPLOADED: 08/02/2019 14:47:34

Cannabinoids	LOQ	weight(%)	mg/g	mg/tincture
D9-THC	10 PPM	N/D	N/D	N/D
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	1.898%	18.985	518.3
CBDA	20 PPM	0.002%	0.023	0.6
CBDV	20 PPM	0.002%	0.022	0.6
CBC	10 PPM	0.018%	0.181	4.9
CBN	10 PPM	0.004%	0.043	1.2
CBG	10 PPM	0.001%	0.011	0.3
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		N/D	N/D	N/D
TOTAL CBD*		1.900%	19.005	518.8
TOTAL CANNABINOIDS		1.925%	19.265	525.9



Reporting Limit 10 ppm

\*Total CBD = CBD + CBDA x 0.877

N/D - Not Detected, B/LOQ - Below Limit of Quantification



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 info@greenscientificlabs.com



Dr. Andrew Hall, Ph.D., CSO & Lab Director

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## Microbial Analysis:

Microbial Analysis GSL SOP 406

Uploaded: 08/03/2019 18:54:01

PCR - Agilent AriaMX

Test	Test Method Used	Device Used	LOD	Allowable Criteria	Actual Result	Pass/Fail
STEC E.COLI*	USP 61/62†	ARIAMX PCR	2 COPIES OF DNA	PRESENCE / ABSENT	BELOW LOD	PASS
SALMONELLA*	USP 61/62†	ARIAMX PCR	5 COPIES OF DNA	PRESENCE / ABSENT	BELOW LOD	PASS
ASPERGILLUS	USP 61/62†	ARIAMX PCR	ASP_LOD***	PRESENCE / ABSENT	BELOW LOD	PASS
YEAST AND MOLD	USP 61/62†	ARIAMX PCR	363.05518 CFU/G**	1,000	BELOW THRESHOLD	PASS
TOTAL AEROBIC BACTERIA	USP 61/62†	ARIAMX PCR	0.25316 CFU/G**	10,000	BELOW THRESHOLD	PASS
COLIFORM	USP 61/62†	ARIAMX PCR	3.41539 CFU/G**	100	BELOW THRESHOLD	PASS
ENTEROBACTERIACEAE	USP 61/62†	ARIAMX PCR	0.32951 CFU/G**	100	BELOW THRESHOLD	PASS

† USP 61 (enumeration of bacteria TAC, TYM, and ENT/Coliform), USP 62 (identifying specific species E.coli Aspergillus etc)

\* STEC and Salmonella run as Multiplex

\*\* CFU/g Calculation based on Select Category Type Gummy MIP/Extract Flower matrix

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



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