

# CERTIFICATE OF ANALYSIS



**Order #:** 33522  
**Order Name:** Full Spectrum  
 250 Peppermint  
**Batch#:** 1915G  
**Received:** 07/17/2019  
**Completed:** 07/22/2019



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



## Sample



**N/D**  
D9-THC

**1.016%**  
Total CBD

**281.0 mg**  
Cannabinoids per bottle

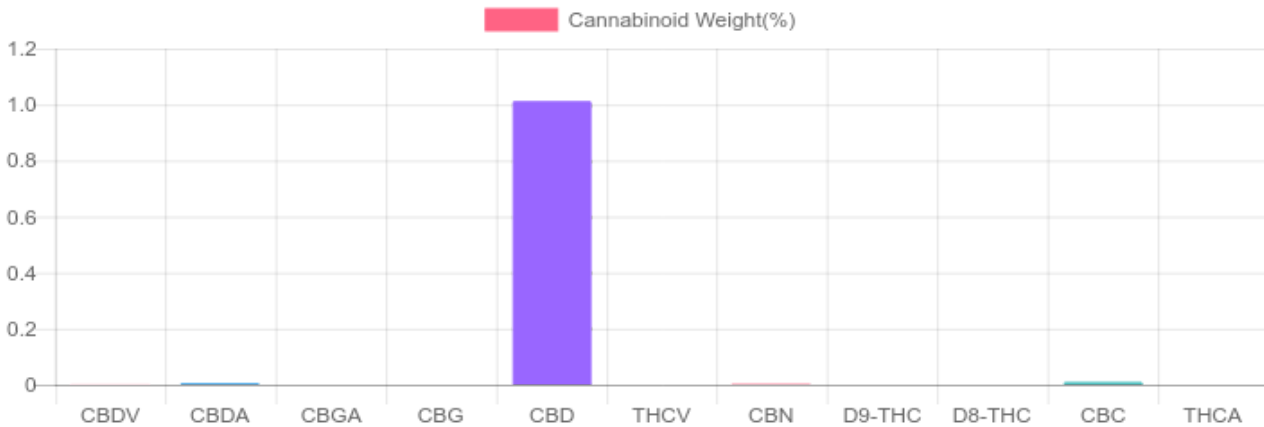
**277.6 mg**  
CBD per bottle

1 bottle = 30 ml per bottle x density (0.91) x Cannabinoid concentration

## Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA  
 GSL SOP 400      **PREPARED:** 07/17/2019 21:43:18      **UPLOADED:** 07/18/2019 15:08:11

Cannabinoids	LOQ	weight(%)	mg/g	mg/bottle
D9-THC	10 PPM	N/D	N/D	N/D
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	<b>1.012%</b>	<b>10.125</b>	<b>276.4</b>
CBDA	20 PPM	<b>0.005%</b>	<b>0.052</b>	<b>1.4</b>
CBDV	20 PPM	B/LOQ	B/LOQ	B/LOQ
CBC	10 PPM	<b>0.010%</b>	<b>0.098</b>	<b>2.7</b>
CBN	10 PPM	<b>0.002%</b>	<b>0.018</b>	<b>0.5</b>
CBG	10 PPM	N/D	N/D	N/D
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		<b>N/D</b>	<b>N/D</b>	<b>N/D</b>
TOTAL CBD*		<b>1.016%</b>	<b>10.171</b>	<b>277.6</b>
TOTAL CANNABINOIDS		<b>1.029%</b>	<b>10.293</b>	<b>281.0</b>



Reporting Limit 10 ppm  
 \*Total CBD = CBD + CBDA x 0.877  
 N/D - Not Detected, B/LOQ - Below Limit of Quantification



4001 SW 47th Avenue Suite 207  
 Davie, FL 33314  
 1-833-TEST-CBD  
 info@greenscientificlabs.com



Dylan Swart, Lab Director

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## Microbial Analysis:

Microbial Analysis GSL SOP 406

Uploaded: 07/22/2019 16:06:24

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

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



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