

# CERTIFICATE OF ANALYSIS



Order #: 35087  
 Order Name: Full Spectrum  
 500 Peppermint  
 Batch#: 1921H  
 Received: 08/21/2019  
 Completed: 08/26/2019



M & K Products and Solutions Holdings Inc,  
 6555 Sugarloaf Pkwy Suite 307-137  
 Duluth, Ga 30097  
 678-228-45037



## Sample



## Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA  
 GSL SOP 400

PREPARED: 08/22/2019 17:30:53

UPLOADED: 08/23/2019 17:43:51

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	1.909%	19.086	521.0
CBDA	20 PPM	B/LOQ	B/LOQ	B/LOQ
CBDV	20 PPM	B/LOQ	B/LOQ	B/LOQ
CBC	10 PPM	0.003%	0.033	0.9
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	0.009%	0.091	2.5
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

**N/D**  
D9-THC

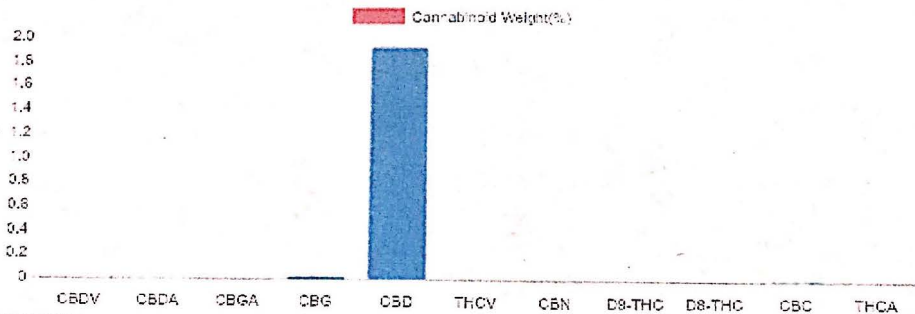
**1.909%**  
Total CBD

**524.4 mg**  
Cannabinoids per  
tincture

**521.0 mg**  
CBD per  
tincture

TOTAL D9-THC	N/D	N/D	N/D
TOTAL CBD*	1.909%	19.086	521.0
TOTAL CANNABINOIDS	1.921%	19.210	524.4

1 Tincture = 27.3 grams per tincture x  
 Cannabinoid concentration



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



4001 SW 47th Avenue Suite 207  
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 info@greenscientificlabs.com



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

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# CERTIFICATE OF ANALYSIS



Order #: 35087  
 Order Name: Full Spectrum  
 500 Peppermint  
 Batch#: 1921H  
 Received: 08/21/2019  
 Completed: 08/28/2019



M & K Products and Solutions Holdings Inc,  
 6555 Sugarloaf Pkwy Suite 307-137  
 Duluth, Ga 30097  
 678-226-45037



## Microbial Analysis:

Microbial Analysis GSL SOP 406

Uploaded: 08/28/2019 16:45:38

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

\*\*\* Fluvus = 2 Copies of DNA / Fumigata = 2 Copies of DNA Niger = 20 Copies of DNA / Tirus = 10 copies of DNA



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