



CERTIFICATE OF ANALYSIS

Item#: 31252

Manufacture Date: 11/2019

Customer: Canopy Growth

Expiration Date: 11/2021


Product Name: First and Free CBD Oil
Drops (1 fl oz, 30mL)


Lot#: A100231119

<u>Analysis</u>	<u>Method</u>	<u>Limits</u>	<u>Results</u>
Appearance	Organoleptic	Colorless to yellow, clear oily liquid	Colorless, clear oily liquid
Texture/Feel	Organoleptic	Smooth and oily	Smooth and oily
Identification	USP <197A>	NLT 90.0% correlation (sample IR spectrum matches reference standard spectrum)	100.0%
Microbial Limits	USP <2021>/SOP QA06112019 AOAC/SOP QA06112019 USP <2022>/SOP QA06112019 USP <2022>/SOP QA06112019 USP <2022>/SOP QA06112019	Total Plate Count: NMT 10 ⁴ cfu/g Yeast & Mold: NMT 10 ³ cfu/g E. coli: Absent per 10g Salmonella: Absent per 10g S. aureus: Absent per 10g	<10 cfu/g 15 cfu/g Absent/10g Absent/10g Absent/10g
CBD Content	Botanacore TM14	NLT 25 mg/serving	25.6 mg/serving
THC Content	Botanacore TM14	<0.30%	0.00%
Heavy Metals	USP <2232> USP <2232> USP <2232> USP <2232>	Arsenic: NMT 1.5 ppm Cadmium: NMT 0.5 ppm Lead: NMT 1.0 ppm Mercury: NMT 0.2 ppm	<0.01 ppm <0.001 ppm <0.01 ppm <0.005 ppm
Aflatoxin B1	USP <561>	NMT 5 ppb	≤ 5 ppb
Total Aflatoxin (B1 + B2 + G1 + G2)	USP <561>	NMT 20 ppb	≤ 20 ppb



<u>Analysis</u>	<u>Method</u>	<u>Limits</u>	<u>Results</u>
Peroxide Value	USP <401>	<5 meq O ₂ /Kg	0.3 meq O ₂ /Kg
P-Anisidine Value	USP <401>	<20 AV	<1.0 AV
Pesticide Residue	USFDA Pesticides Manual (PAM 1)	Meets USP Limits	Meets USP Limits
Residual Solvents	USP <467>	Meets USP Limits	Meets USP Limits

QC Signature: 
Jeff Hatley
Date: 12/4/2019

QA Signature: 
Jessica Roberts
Date: 12/4/2019