



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 |



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|-------------------|---------------------------------|---------------------------|----------------------------|
| 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