

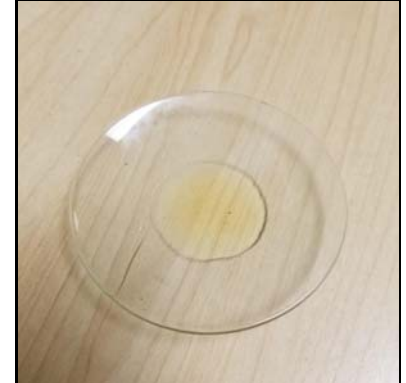
Certificate of Analysis

Client Name: Cultivated CBD	Matrix: Oil
Client Address: 22 N 5th St., Minneapolis, MN 55403	Date Received: 11/15/2019 2:10:00PM
Sample ID: 1000 mg Tincture (B)	Lab Sample ID: 1904897-02
Lot/Batch #:	Date of Report: 4/16/2020 1:57:30PM

Analysis	Requested (Yes/No)
Cannabinoid Profile	Yes
Terpene Profile	No
Aflatoxins	No
Heavy Metals	No
Residual Solvents	No
Microbial Testing	No
Pesticides	No



Sample, packaged



Sample, actual

Cannabinoid Profile 1904897-02 1000 mg Tincture (B)

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Cannabichromene (CBC)	0.114	0.0200	% by Weight	HPLC	11/21/19 1:00 am	
Cannabidiol (CBD)	3.88	0.200	% by Weight	HPLC	11/21/19 1:00 am	
Cannabidiolic Acid (CBDA)	<0.00200	0.00200	% by Weight	HPLC	11/21/19 1:00 am	
Cannabigerol (CBG)	0.238	0.0200	% by Weight	HPLC	11/21/19 1:00 am	
Cannabinol (CBN)	0.00564	0.00200	% by Weight	HPLC	11/21/19 1:00 am	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.129	0.0200	% by Weight	HPLC	11/21/19 1:00 am	
THCA-A	<0.00200	0.00200	% by Weight	HPLC	11/21/19 1:00 am	
Total CBD	3.88	0.202	% by Weight	HPLC	11/21/19 1:00 am	
Total THC	0.129	0.0218	% by Weight	HPLC	11/21/19 1:00 am	

Sample Narrative: 1904897-02 1000 mg Tincture (B)

Using the density of avocado oil (0.92 g/mL) to calculate Total CBD,

Total CBD = 1070 mg per 30 mL container.

This report was revised on April 16, 2020 to correct the base oil of the product and its density, and the results for total CBD per container in accordance with this change. This report supercedes the report dated November 22, 2019.

Sarah Smestad - Chemist II/Client Manager I

Certificate of Analysis

Notes and Definitions

CFU/g	Colony Forming Units per Gram
HPLC	High-Performance Liquid Chromatography
MS	Mass Spectrometry
<	Less than value listed
RL	Reporting Limit
NA	Not Applicable