

Certificate of Analysis

Client Name: Cultivated CBD	Matrix: Tincture
Client Address: 22 N 5th St., Minneapolis, MN 55403	Date Received: 1/27/2020 11:30:00AM
Sample ID: CBD Tincture (1000mg)	Lab Sample ID: 2000364-02
Lot/Batch #:	Date of Report: 1/28/2020 3:44:32PM

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 **2000364-02** **CBD Tincture (1000mg)**

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Total CBD	3.89	0.190	% by Weight	HPLC	1/27/20 10:07 pm	
Total THC	0.132	0.00354	% by Weight	HPLC	1/27/20 9:54 pm	
Cannabidiol (CBD)	3.88	0.189	% by Weight	HPLC	1/27/20 10:07 pm	
Cannabigerol (CBG)	0.0617	0.00189	% by Weight	HPLC	1/27/20 9:54 pm	
Cannabidiolic Acid (CBDA)	0.00395	0.00189	% by Weight	HPLC	1/27/20 9:54 pm	
Cannabinol (CBN)	0.00354	0.00189	% by Weight	HPLC	1/27/20 9:54 pm	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.132	0.00189	% by Weight	HPLC	1/27/20 9:54 pm	
Cannabichromene (CBC)	0.121	0.00189	% by Weight	HPLC	1/27/20 9:54 pm	
THCA-A	<0.00189	0.00189	% by Weight	HPLC	1/27/20 9:54 pm	

Sample Narrative: **2000364-02** **CBD Tincture (1000mg)**

Using the density of avocado oil (0.92 g/mL) to calculate Total CBD,
 Total CBD = 1070 mg per 30 mL container.

Sarah Smestad - Chemist II/Client Manager I

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All samples will be retained by Legend Technical Services, Inc. unless consumed in the analysis, for 30 days from the date of this report and then discarded unless other arrangements are made. ISO/IEC 17025:2005 Accredited, A2LA Certificate 2950.01.

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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