

**BlueLeaf Laboratory** 673 N. Bardstown Rd. Mount Washington, KY, 40047 (502) 444-2044 www.blueleaflaboratory.com Lic # 19-05-02P



**Hemp Seed Oil** 

Seed to Sale: \*

Batch Date: 09/28/21 Batch #: 5H09282172-01 Sample Size Received: 15 ml

Retail Product Size: 15 ml Ordered: 09/28/21 Completed: 10/02/21 Expires: 10/01/22

Matrix: Derivative

502 Hemp 1500mg/30mL FSD Natural w/

Accession Number: 092921UD0006 Harvest/Lot ID: 5H09282172-01

Sampling Method: SOP Client Method

## Certificate of Analysis

Oct 02,2021 | Commonwealth Extracts

Louisville, kentucky, (504) 419-7527

## CANNABINOTO RESULTS

Analyzed by DB		<b>Date</b> 10/01/2021		Instrument used Shimadzu HPLC w/ PDA		Analysis Method SOP.KY.02.012					
LOQ	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
nc.(mg/g) <b>1.200</b>		53.700	ND	0.830	ND	ND	ND	0.600	0.870	ND	ND
nc.(wt%)	0.120	5.370	ND	0.083	ND	ND	ND	0.060	0.087	ND	ND
	СВС	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	ТНСА	ТНС
0.087%			5.370%		5.7	20%					
Tota	Total THC Total CE			D	Total C	annabinoi	ds				

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-PDA). SOP.KY.02.005 for sample prep and SOP.KY.02.012 for analysis. % = %w/w = Percent (Weight of Analyte/Weight Product) Total Cannabinoids result reflects the absolute sum of all cannabinoids detected. \*\*Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation Total THC = THC + (THCa\*0.877) Total CBD = CBD + (CBDa\*0.877)

This report shall not be reproduced, unless in its entirety, without written approval from BlueLeaf Laboratory. This report is an BlueLeaf Laboratory certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310

**Daniel Burriss** Lab Director State License # 19-05-02P

> ISO/IEC 17025:2017 PJLA Testing Accreditation 113856

Danf Bins

10/02/21

Signature

Signed On

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