



Certificate of Analysis

Sep 23, 2021 | Commonwealth Extracts

Louisville, Kentucky,
 (504) 419-7527



502 Hemp 1500mg/30mL FSD Natural

Matrix: Derivative

Accession Number: 091721UD0019

Harvest/Lot ID: 5H09162105-01

Seed to Sale: *

Batch Date: 09/16/21

Batch #: 5H09162105-01

Sample Size Received: 10 ml

Retail Product Size: 10 ml

Ordered: 09/16/21

Completed: 09/23/21

Expires: 09/22/22

Sampling Method: SOP Client Method

CANNABINOID RESULTS

Total THC	Total CBD	Total Cannabinoids
0.077%	5.066%	5.396%

CBC	CBD	CBDa	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
Conc.(wt%) 0.109	5.066	ND	0.083	0.007	ND	0.013	0.041	0.077	ND	ND
Conc.(mg/g) 1.090	50.660	ND	0.830	0.070	ND	0.130	0.410	0.770	ND	ND
LOQ 0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

Analyzed by	Date	Instrument used	Analysis Method
TW	09/21/2021	Shimadzu HPLC w/ PDA	SOP.KY.02.012

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



Accreditation 113856

Daniel Burriss

Signature

09/23/21

Signed On

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