



Certificate of Analysis



J205A

Matrix: Derivative

Accession Number: 062921UD0002

Harvest/Lot ID: J205

Seed to Sale: *

Batch Date: 06/28/21

Batch #: J205A

Sample Size Received: 3 ml

Retail Product Size: 30 mg

Ordered: 06/28/21

Completed: 07/03/21

Expires: 07/02/22

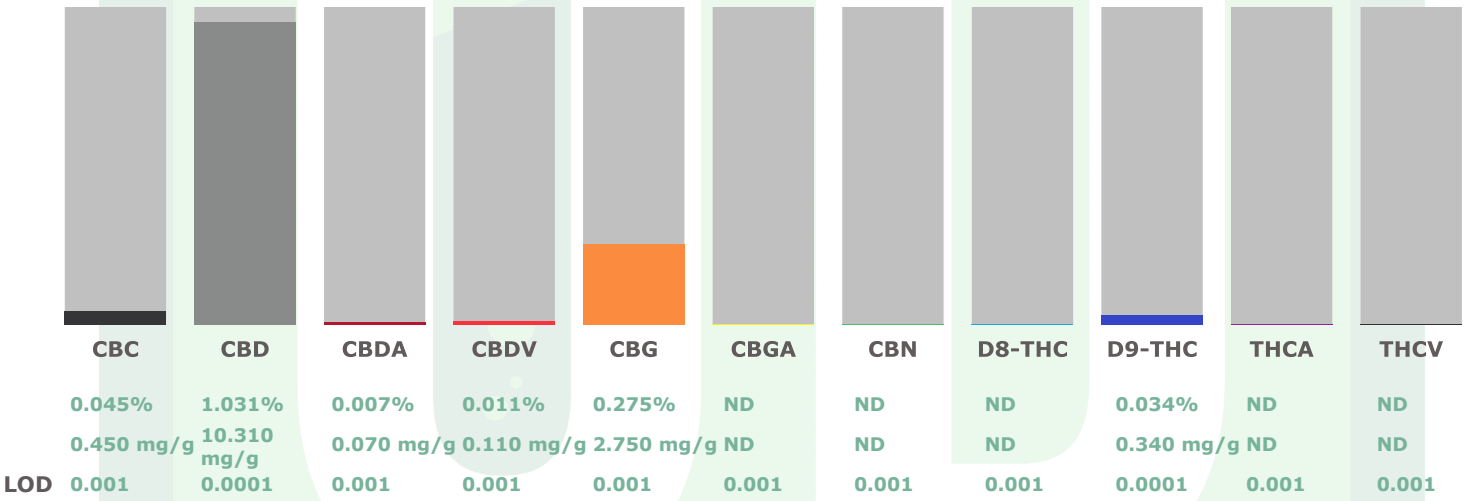
Sampling Method: SOP Client Method

Jul 03, 2021 | Essentially Hemp

NEW CASTLE, KY,
5025522920

CANNABINOID RESULTS

Total THC 0.034% THC/Container :9.486 mg	Total CBD 1.037% CBD/Container :289.323 mg	Total Cannabinoids 1.402% Cannabinoids/Container :391.158 mg
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Analyzed by	Date	Instrument used	Analysis Method
TW	06/30/2021	Shimadzu HPLC w/ PDA	

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-PDA). (Method: SOP.KY.02.005) sample prep and Shimadzu High Sensitivity Method SOP.KY.02.012 for analysis. LOQ for all cannabinoids is 1 mg/L. % = %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 Universal Diagnostics. This report is an Universal Diagnostics 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

07/03/21

State License # 19-05-02P
ISO Accreditation # PJLA
ISO17025

Signature

Signed On