



# Certificate of Analysis

Sample: MO00519005-001

Harvest/Lot ID: 4BE07T

Seed to Sale #N/A

Batch Date :N/A

Batch#: 4BE07T

Sample Size Received: 15 ml

Retail Product Size: 30

Ordered : 05/18/20

Sampled : 05/18/20

Completed: 05/20/20 Expires: 05/20/21

Sampling Method: SOP Client Method

**PASSED**

Page 1 of 2

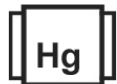
May 20, 2020 | Kentucky Extraction and Packaging

670 Metts Drive Lebanon  
Kentucky, USA 40033

PRODUCT IMAGE SAFETY RESULTS



Pesticides  
NOT TESTED



Heavy Metals  
NOT TESTED



Microbials  
**PASSED**



Mycotoxins  
NOT TESTED



Residuals Solvents  
NOT TESTED



Filtration  
NOT TESTED



Water Activity  
NOT TESTED



Moisture  
NOT TESTED



Terpenes  
NOT TESTED

MISC.

CANNABINOID RESULTS



**Total THC**  
**0.209%**

THC/Container :58.311 mg



**Total CBD**  
**3.664%**

CBD/Container :1022.256 mg



**Total Cannabinoids**  
**3.971%**

Total Cannabinoids/Container :1107.909 mg



D9-THC	THCA	CBD	CBDA	D8-THC	THCV	CBN	CBDV	CBC	CBG	CBGA
0.209%	ND	3.664%	ND	ND	ND	ND	0.026%	0.014%	0.058%	ND
2.090 mg/g	ND	36.640 mg/g	ND	ND	ND	ND	0.260 mg/g	0.140 mg/g	0.580 mg/g	ND
LOD 0.0001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %

Cannabinoid Profile Test

Analyzed by 19	Weight 3.0030g	Extraction date : 05/19/20 11:05:39	Extracted By : 1
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 05/20/20 12:15:00	
Analytical Batch -MO000569POT		Instrument Used : HPLC Potency Analyzer Batch Date : 05/19/20 09:23:28	
Reagent 103119.38 050720.R02 050720.R01	Dilution 40	Consums. ID	

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L). Measurement of Uncertainty: 2.7%

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs 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.

**David Greene**  
Lab Director

State License # 19-05-02P  
ISO Accreditation #  
17025:2017



Signature

05/20/2020

Signed On



# Certificate of Analysis

**PASSED**

**Kentucky Extraction and Packaging**

670 Metts Drive Lebanon  
Kentucky, USA 40033

Telephone: 2706996528

Email: eric@kentuckyextraction.com

**Sample : M000519005-001**

**Harvest/LOT ID: 4BE07T**

**Batch# : 4BE07T**

**Sampled : 05/18/20**

**Ordered : 05/18/20**

**Sample Size Received : 15 ml**

**Completed : 05/20/20 Expires: 05/20/21**

**Sample Method : SOP Client Method**

**Page 2 of 2**

	<b>Microbials</b>	<b>PASSED</b>
--	-------------------	---------------

**Analyte**

ASPERGILLUS\_TERREUS\_IJ2  
ASPERGILLUS\_NIGER  
ASPERGILLUS\_FUMIGATUS  
ASPERGILLUS\_FLAVUS  
SALMONELLA\_SPECIFIC\_GENE  
ESCHERICHIA\_COLI\_SHIGELLA\_SPP

**Result**

not present in 1 gram.  
not present in 1 gram.  
not present in 1 gram.  
not present in 1 gram.  
not present in 1 gram.  
not present in 1 gram.

Analysis Method -SOP.T.40.043

Analytical Batch -NA | Reviewed On - 05/20/20 13:09:56

Instrument Used :

Batch Date :

Analyzed by	Weight	Extraction date	Extracted By
NA	NA	NA	NA

Reagent	Dilution	Consums. ID
Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.		

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs 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.

**David Greene**  
Lab Director



State License # 19-05-02P  
ISO Accreditation #  
17025:2017

Signature

05/20/2020

Signed On