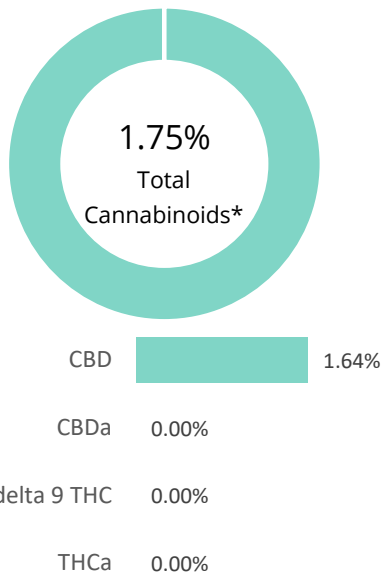


LB-O-00181

<b>Batch ID:</b>	BH-8382-03	<b>Test ID:</b>	T000161170
<b>Type:</b>	Concentrate	<b>Submitted:</b>	09/01/2021 @ 09:40 AM
<b>Test:</b>	Potency	<b>Started:</b>	9/2/2021
<b>Method:</b>	TM14 (HPLC-DAD)	<b>Reported:</b>	9/3/2021

## CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	ND	ND
Cannabidiolic acid (CBDA)	0.02	ND	ND
Cannabidiol (CBD)	0.02	1.64	16.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.01	ND	ND
Cannabinolic Acid (CBNA)	0.01	ND	ND
Cannabinol (CBN)	0.00	0.02	0.2
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.00	0.01	0.1
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	ND	ND
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.00	ND	ND
Cannabichromenic Acid (CBCA)	0.00	ND	ND
Cannabichromene (CBC)	0.00	0.08	0.8
<b>Total Cannabinoids</b>		<b>1.75</b>	<b>17.5</b>
Total Potential THC**		ND	ND
Total Potential CBD**		1.64	16.4

### NOTES:

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of 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 step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

ND = None Detected (Defined by Dynamic Range of the method)

## FINAL APPROVAL

 Sam Smith 3-Sep-2021 12:15 PM	 Daniel Weidensaul 3-Sep-2021 12:34 PM
PREPARED BY / DATE	APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

LB-O-00181

<b>Batch ID:</b>	BH-8382-03	<b>Test ID:</b>	T000161171
<b>Matrix:</b>	Concentrate	<b>Received:</b>	09/01/2021 @ 09:40 AM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	9/1/2021
<b>Method:</b>	TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	<b>Reported:</b>	9/4/2021

## MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	LLOQ	ULOQ	Result
<b>Total Aerobic Count*</b>	TM-26 Culture Plating	10 <sup>2</sup> CFU/g	10 <sup>3</sup> CFU/g	1.5x10 <sup>5</sup> CFU/g	<b>None Detected</b>
<b>Total Coliforms*</b>	TM-27 Culture Plating	10 <sup>1</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	<b>None Detected</b>
<b>Total Yeast and Molds*</b>	TM-24 Culture Plating	10 <sup>1</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	<b>None Detected</b>
<b><i>E. coli</i></b>	TM-28 Culture Plating	1 CFU/g	NA	NA	<b>Absent</b>
<b><i>E. coli</i> (STEC)</b>	TM-25 PCR	1 CFU/g	NA	NA	<b>Absent</b>
<b><i>Salmonella</i></b>	TM-25 PCR	1 CFU/g	NA	NA	<b>Absent</b>

\* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: 10<sup>2</sup> = 100 CFU  
 10<sup>3</sup> = 1,000 CFU  
 10<sup>4</sup> = 10,000 CFU  
 10<sup>5</sup> = 100,000 CFU

### NOTES:

Free from visual mold, mildew, and foreign matter

### DEFINITIONS:


CFU/g = Colony Forming Units per Gram.

LOD = Limit of Detection


ULOQ = Upper Limit of Quantitation

LLOQ = Lower Limit of Quantitation

## FINAL APPROVAL

  
 Robert Belfon  
 9/4/2021  
 1:21:00 PM

PREPARED BY / DATE

  
 Courtney Richards  
 9/4/2021  
 8:26:00 PM

APPROVED BY / DATE

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