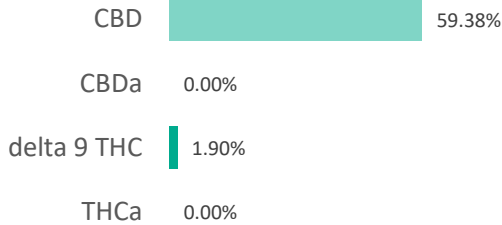
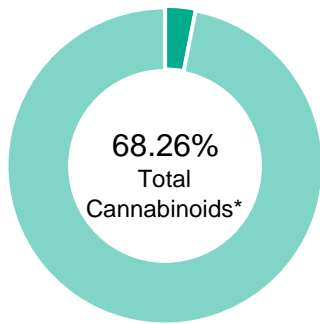


CAA150ABCD

Batch ID:	N/A	Test ID:	9752363.0010
Reported:	21-May-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

SOURCE OIL CANNABINOID TESTING
CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.17	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.09	1.90	19.0
Cannabidiolic acid (CBDA)	0.17	0.00	0.0
Cannabidiol (CBD)	0.09	59.38	593.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.09	0.22	2.2
Cannabinolic Acid (CBNA)	0.24	0.00	0.0
Cannabinol (CBN)	0.10	0.25	2.5
Cannabigerolic acid (CBGA)	0.15	0.00	0.0
Cannabigerol (CBG)	0.08	1.15	11.5
Tetrahydrocannabivarinic Acid (THCVA)	0.15	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.08	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.15	0.00	0.0
Cannabidivarin (CBDV)	0.08	0.18	1.8
Cannabichromenic Acid (CBCA)	0.13	0.00	0.0
Cannabichromene (CBC)	0.16	5.18	51.8
Total Cannabinoids		68.26	682.60
Total Potential THC**		1.90	19.00
Total Potential CBD**		59.38	593.80


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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$
FINAL APPROVAL


Sam Smith
21-May-2019
4:51 PM

PREPARED BY / DATE



David Green
21-May-2019
5:23 PM

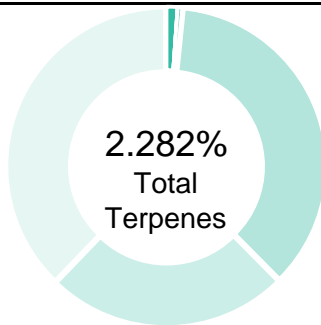
APPROVED BY / DATE

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



CAA150ABCD

Batch ID:	N/A	Test ID:	1393552.004
Reported:	24-May-2019	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

SOURCE OIL TERPENE TESTING
TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.845	8.45
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.804	8.04
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.040	0.4
Geraniol	0.000	0
alpha-Humulene	0.550	5.5
(-)-Isopulegol	0.000	0
d-Limonene	0.011	0.11
Linalool	0.000	0
beta-Myrcene	0.025	0.25
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.007	0.07
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
Total	2.282%	22.82

PREDOMINANT TERPENES

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.025%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.011%
Linalool	0.000%
beta-Caryophyllene	0.804%
alpha-Humulene	0.550%
(-)-alpha-Bisabolol	0.845%

NOTES:

FINAL APPROVAL

 Greg Zimpfer 24-May-2019 10:46 AM	 David Green 24-May-2019 11:01 AM
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PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC. 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

CAA150ABCD

Batch ID:	N/A	Test ID:	2024030.007
Reported:	25-May-2019	Method:	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
<i>E. coli</i>	None Detected
<i>Salmonella</i>	None Detected

* CFU/g = Colony Forming Unit per Gram


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

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU

NOTES:

Free from visual mold, mildew, and foreign matter
TYM: None Detected
Total Aerobic: None Detected

FINAL APPROVAL


Robert Belfon
25-May-2019
2:39 PM
Mike Branvold
25-May-2019
9:28 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Company Name: Vitalibis, Inc.
Sample Name: CAA150ABCD
Sample Batch:
Sample Type: Concentrate
Test Type: Pesticides
Nordic ID: 209890

Date Received: 05/24/2019
Date Tested: 05/29/2019
Date Approved: 05/29/2019
License Number: 403H-73654
METRC Tag: 1A4000712680D96000000281
Seal State: Intact

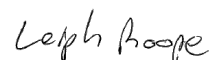
Pesticide Screening Results

Pesticide	Result (ppb)	Limit (ppb)	Pass/Fail
Imidacloprid	ND	20	Pass
Imazalil	ND	40	Pass
Azoxystrobin	ND	20	Pass
Malathion	ND	50	Pass
Myclobutanil	ND	40	Pass
Bifenazate	ND	20	Pass
Spirotetramat	ND	20	Pass
Tebuconazole	ND	10	Pass
Spinosad A	ND	60	Pass
Spinosad D	ND	60	Pass
Etoxazole	ND	10	Pass
Spiromesifen	ND	30	Pass
Abamectins (B1a & B1b)	ND	70	Pass
Permethrin	NR	40	Pass

Pesticide testing is performed using LC/MS/MS
ppb (parts per billion) = nanogram/gram
ND = Non-Detect
NR = Non-Reportable Value

Laboratory Notes: Total Permethrin concentration in the sample is 89.4ppb. Due to the fact that it is a sum of two conformers, each individual signal is below quantification level and can not be reported.

SOP Reference:
 Nordic SOP 005-007



Leiph Roope, Interim Lab Director

Lab Information

Nordic Analytical Laboratories
 3960 Grape Street, Denver, CO 80207
 www.nordicanalytic.com

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PHYTATECH™

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 Denver, CO 80204
 303-427-2379
 DOR#: 405R-00011 & 405-00008
 info@phytatech.com

Date Received: 05.21.2019
 Date Lab Test: 05.22.2019
 Date Reported: 05.22.2019

Company Name: Vitalibis, Inc.
 Company License: 403H-73654
 Sample Type: Concentrate

*ND: None Detected or below reportable threshold
 All data in the following table is in parts per million (ppm).

Sample	Sample	METRC #	Arsenic	Lead	Cadmium	Mercury
CAA150ABCD	305203	1A40007 12680D9 60000002 48	ND	ND	ND	ND

NOTES: The State of Colorado mandates the following levels for heavy metals in inhaled or audited products (nasal or MDI): Lead (< 0.5 ppm), Arsenic (< 0.2 ppm), Cadmium (< 0.2 ppm), and Mercury (< 0.1 ppm).

The State of Colorado mandates the following levels for heavy metals in topical or transdermal products: Lead (< 10 ppm), Arsenic (< 3 ppm), Cadmium (< 3 ppm), and Mercury (< 1 ppm).

The State of Colorado mandates the following levels for heavy metals in oral or audited products (rectal or vaginal) products: Lead (< 1 ppm), Arsenic (< 1.5 ppm), Cadmium (< 0.5 ppm), and Mercury (< 1.5 ppm).

This testing is for R&D purposes only.