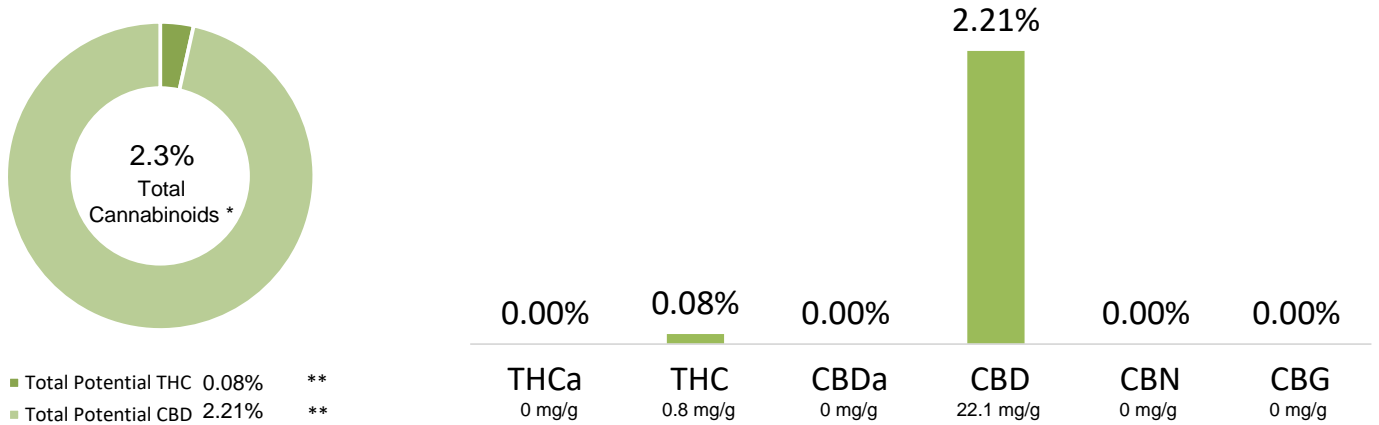


FC012919SR-600

Batch ID:	N/A	Test ID:	7704786.013
Reported:	26-Feb-2019	Method:	TM01
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE



* 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.


Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

NOTES:

Free from visual mold, mildew, and foreign matter.

FINAL APPROVAL

 Sam Smith
26-Feb-2019
4:15 PM

 Mike Branvold
26-Feb-2019
5:28 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Services, LLC, in the condition it was received. Botanacor Services, 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 Services, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

PHYTATECH™

M E T R I C S & S O L U T I O N S

879 Federal Blvd.
Denver, CO 80204
303-427-2379
DOR#: 405R-00011
info@phytatech.com

Date Received: 02.21.2019
Date Lab Test: 02.22.2019
Date Reported: 02.22.2019

Company Name: VITALIBIS
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
FC012919SR-600	298332	00112	ND	ND	ND	ND




NOTES: The State of Colorado mandates the following levels for heavy metals: Lead (1 ppm), Arsenic (0.4 ppm), Cadmium (0.4 ppm), and Mercury (0.2 ppm). This testing is for R&D purposes only.

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MICROBIAL LABORATORY REPORT

Customer Name:	VITALIBIS	Product Name:	FC012919SR-600
Customer License:		Product Type:	Concentrate
Batch Number:		Sample ID:	298332
METRC Tag:	1A4000712680D96000000112	Date Received:	02/20/2019
Instrument Name:	Microbial Lab	Test Date:	02/23/2019
		Report Date:	02/23/2019

MICROBIAL CONTAMINATION *

	STEC	ND
	Salmonella	ND
	Total Yeast & Molds	ND cfu/g

Notes:

* None Detected (ND) because the compound was not detected.

* Microbial Contamination (SOPs 029, 030, 039)

* Sample Condition deemed acceptable upon receipt by PhytaTech. Sampling done by outside party.

* E. coli & Salmonella measured using qPCR. Total Yeast & Mold (TYMC) is a plating technique. The regulatory limit for TYMC is 10,000 cfu/g or 10⁴. CFU/g = colony forming unit per gram.



Stephen Goldman
Laboratory Director



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PESTICIDES LABORATORY REPORT

Customer Name:	VITALIBIS	Product Name:	FC012919SR-600
Customer License:		Product Type:	Concentrate
Batch Number:		Sample ID:	298332
METRC Tag:	1A4000712680D96000000112	Date Received:	02/20/2019
Instrument Name:	HPLC 1050	Test Date:	02/23/2019
		Report Date:	02/23/2019

PESTICIDE	ppb
■ Abamectin	ND*
■ Avermectin B1b	ND*
■ Azoxystrobin	ND*
■ Bifenazate	ND*
■ Etoxazole	ND*
■ Imazalil	ND*
■ Imidacloprid	ND*
■ Malathion A	ND*
■ Myclobutanil	ND*
■ Cis Permethrin	ND*
■ Trans Permethrin	ND*
■ Spinosyn A	ND*
■ Spinosyn D	ND*
■ Spiromesifen	ND*
■ Spirotetramat	ND*
■ Tebuconazole	ND*

Notes:

* None Reported (NR) because the compound exists at or below the detection limit of the method.

* None Detected (ND) because the compound was not detected.



Stephen Goldman
Laboratory Director

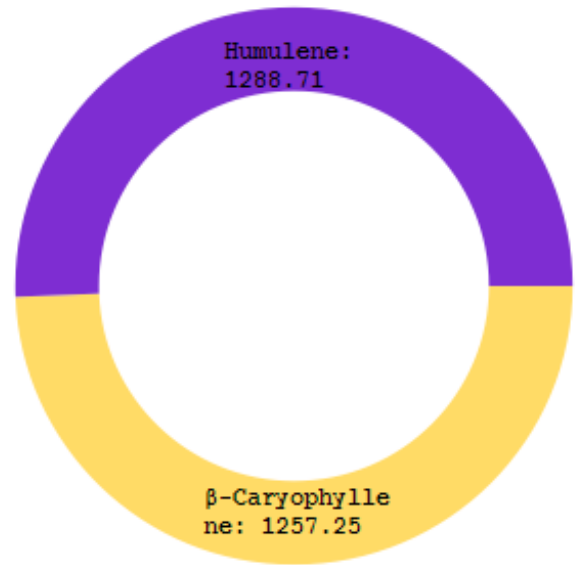


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TERPENES LABORATORY REPORT

Customer Name: VITALIBIS	Product Name: FC012919SR-600
Customer License:	Product Type: Concentrate
Batch Number:	Sample ID: 298332
METRC Tag: 1A4000712680D96000000112	Date Received: 02/20/2019
Instrument Name: GC 6890	Test Date: 02/21/2019
	Report Date: 02/22/2019

TERPENE	ppm	percent	TERPENE	ppm	percent
■ 2-ethyl-Fenchol	ND*	0%	■ γ-Terpinene	ND*	0%
■ (-)-α-Bisabolol	ND*	0%	■ Geraniol	ND*	0%
■ α-Pinene	ND*	0%	■ (-)-Guaial	ND*	0%
■ α-Terpinene	ND*	0%	■ Humulene	1288.71	0.12%
■ α-Terpineol	ND*	0%	■ (-)-Isopulegol	ND*	0%
■ β-Caryophyllene	1257.25	0.12%	■ Limonene	ND*	0%
■ β-Pinene	ND*	0%	■ Linalool	ND*	0%
■ Bisabolene	ND*	0%	■ Menthol	ND*	0%
■ Borneol	ND*	0%	■ Myrcene	ND*	0%
■ Camphene	ND*	0%	■ Nerolidol	ND*	0%
■ (-)-Caryophyllene Oxide	ND*	0%	■ p-Cymene	ND*	0%
■ Cis-Ocimene	ND*	0%	■ Pulegone	ND*	0%
■ δ-3-Carene	ND*	0%	■ Terpinolene	ND*	0%
■ Eucalyptol	ND*	0%			
■ Farnesene	ND*	0%			



Total: 0.25%

Notes:

- * None Reported (NR) because the compound exists at or below the limit of quantitation but above the limit of detection.
- * None Detected (ND) because the compound exists at or below the limit of detection.
- * Sample Condition deemed acceptable upon receipt by Phytatech. Sampling done by outside party.
- * Units of % are (mass/mass) and reflect numbers as a fraction of 100.


Stephen Goldman
 Laboratory Director

