




MICROBIAL LABORATORY REPORT

Customer Name:	Ka Organic	Product Name:	Ka Organic CBD Tincture Natural Flavored 500MG
Customer License:	403H-80980	Product Type:	Liquid Edible
Batch Number:	B019_10	Sample ID:	320153
METRC Tag:	1A4000712682A2A000001438	Date Received:	01/16/2020
Instrument Name:	Microbial Lab	Test Date:	01/19/2020
		Report Date:	01/19/2020

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



PESTICIDES LABORATORY REPORT

Customer Name:	Ka Organic	Product Name:	Ka Organic CBD Tincture Natural Flavored 500MG
Customer License:	403H-80980	Product Type:	Liquid Edible
Batch Number:	B019_10	Sample ID:	320153
METRC Tag:	1A4000712682A2A000001438	Date Received:	01/16/2020
Instrument Name:	HPLC 1050	Test Date:	01/23/2020
		Report Date:	01/23/2020

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



INFUSED II LABORATORY REPORT

Customer Name:	Ka Organic	Product Name:	Ka Organic CBD Tincture Natural Flavored 500MG
Customer License:	403H-80980	Product Type:	Liquid Edible
Batch Number:	B019_10	Sample ID:	320153
METRC Tag:	1A4000712682A2A000001438	Date Received:	01/16/2020
Instrument Name:	HPLC 1100-2	Test Date:	01/21/2020
		Report Date:	01/22/2020

ACIDIC COMPOUND mg/unit	NEUTRAL COMPOUND mg/unit	Conversion Ratio ¹
CBDVA ND*	CBDV 7.81	 CBDV 100%
THCVA ND*	THCV ND*	 THCV NR*
CBDA ND*	CBD 511.87	 CBD 100%
THCA ND*	THC ND*	 THC NR*
CBCA ND*	CBC ND*	 CBC NR*
CBGA ND*	CBG ND*	 CBG NR*
CBNA ND*	CBN ND*	 CBN NR*

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.

* Potency (SOP 020)

* 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.

¹ Conversion ratio indicates the amount of neutral cannabinoid compared directly to its acidic counterpart. A number close to 1 means a high neutral content. A number close to 0 indicates a high acidic cannabinoid content.



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Laboratory Director



RESIDUAL SOLVENTS LABORATORY REPORT

Customer Name:	Ka Organic	Product Name:	Ka Organic CBD Tincture Natural Flavored 500MG
Customer License:	403H-80980	Product Type:	Liquid Edible
Batch Number:	B019_10	Sample ID:	320153
METRC Tag:	1A4000712682A2A000001438	Date Received:	01/16/2020
Instrument Name:	GC 5890	Test Date:	01/17/2020
		Report Date:	01/17/2020

RESIDUAL SOLVENTS parts per million (ppm)

■ Acetone	ND*
■ Benzene	ND*
■ Butane	ND*
■ Ethanol	ND*
■ Heptane	NR*
■ Hexane	NR*
■ Isobutane	ND*
■ Isopropyl Alcohol	ND*
■ Pentane	ND*
■ Propane	ND*
■ Toluene	ND*
■ Xylene	ND*

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.

* Residual Solvents (SOP 032)

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



Stephen Goldman
Laboratory Director



PHYTATECH™

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

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Date Received: 01.16.2020
 Date Lab Test: 01.22.2020
 Date Reported: 01.23.2020

Company Name: Ka Organic
 Company License: 403H-80980
 Sample Type: Solid Edible, Liquid Edible

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

Sample	Sample	Batch	METRC #	Arsenic	Cadmium	Mercury	Lead
DocPatels - DocPatels Tincture 500 mg NATURAL	320153	B019_10	1A40007126 82A2A00000 1438	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).