

# Certificate of Quality Assurance

**PRODUCT NAME:** Orange Tincture

**PRODUCT STRENGTH:** 1000 mg

**LOT NUMBER:** 010337

**OIL BATCH NUMBER:** CON018-86

**DATE OF MANUFACTURE:** 12/27/18

*Expiration date is 18 months under sealed conditions.*

**DATE OF ANALYSIS:** 12/27/18

**ACTIVE INGREDIENT:** Phytocannabinoid-Rich Hemp Oil

**INACTIVE INGREDIENTS:** Fractionated Coconut Oil (MCT), Orange Essential Oil

**JOY**<sup>TM</sup>  
**ORGANICS**

## Physical Attributes of Raw Hemp Oil

Attribute	Acceptance Criteria	Result
Appearance	Viscous Dark Amber Oil Possible Crystal Formation	Conforms
Aroma	Characteristic Hemp Aroma	Conforms
Dissolution	Not Cloudy or Turbid, Characteristic Color	Conforms
Microbial Testing	Total Aerobic Count <2000 cfu/g Total Yeast and Mold <2000 cfu/g	Conforms

## Potency of Raw Hemp Oil

Cannabinoid	Weight %
CBD	88.72
CBG	<0.03
CBN	<0.03
THC	ND
CBC	<0.03
THC-A	ND
CBD-A	<0.03

## Pesticides\*

Compound	Result	Compound	Result
Acequinocil	ND	Spinosad	ND
Pyrethrium	ND	Spirotetramat	ND
Spiromesifin	ND	Bifenazate	ND
Abamectin	ND	Fenoxycarb	ND
Imidacloprid	ND	Paclobutrazol	ND

## Terpene Results\*

Compound	Weight %	Compound	Weight %
$\beta$ -Bisabolene	1.0-3.0	Camphene	0.1-0.2
$\beta$ -Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Gualol	0.5-2.0	Farnesol	0.1-0.2
$\beta$ -Maaliene	0.5-2.0	$\alpha$ -Bisabolol	< 0.1
Calarene	0.5-1.5	p-Cymene	< 0.1
$\beta$ -Caryophyllene	0.1-1.0	Linalool	< 0.1
$\alpha$ -Humulene	0.1-1.0	Myrcene	< 0.1
Cadinene	0.1-1.0	Phytol	< 0.1
$\alpha$ -Gurjunene	0.1-0.5	Isopulegol	< 0.1
d-Limonene	0.1-0.5	Terpinene	< 0.1
Nerolidol	0.1-0.5	Geraniol	< 0.1
$\alpha$ -Pinene	0.1-0.5	Myrcene	< 0.1
Aristolene	0.1-0.3	$\gamma$ -Terpinene	< 0.1
Eucalyptol	0.1-0.2	$\delta$ -3-Carene	< 0.1

## Residual Solvents\*

Solvent	Weight %
Acetone	Compliant with USP<467>
Butane	Compliant with USP<467>
Ethanol	Compliant with USP<467>
Hexane	Compliant with USP<467>
Isobutane	Compliant with USP<467>
Isopropanol	Compliant with USP<467>
Pentane	Compliant with USP<467>

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## Heavy Metals\*

Metal	Result
Cadmium	Compliant with USP<233>
Lead	Compliant with USP<233>
Arsenic	Compliant with USP<233>
Mercury	Compliant with USP<233>

## Analysis Results for Finished Product

Attribute	Acceptance Criteria	Result
Appearance	Clear Colorless to Light Yellow Liquid	Conforms
Aroma	Characteristic Orange Aroma	Conforms
Cannabidiol Content	Label Claim $\pm$ 10%	Conforms
THC Content	None Detected	Conforms

\* Results based on testing of multiple batches of hemp oil raw material.

Certified by:










Matthew Plenert, Ph.D  
Head Chemist and Quality Manager

1-4-19

Date

## INFUSED II LABORATORY REPORT

Customer Name:	Triple C Ranch Ltd (Result Group)	Product Name:	MyCBDTest.com-Tincture
Customer License:	403H-75142		1000 Orange 010337
Batch Number:		Product Type:	Liquid Edible
METRC Tag:	1A4000712681366000000606	Sample ID:	296918
Instrument Name:	HPLC 1100	Date Received:	02/01/2019
		Test Date:	02/04/2019
		Report Date:	02/05/2019

ACIDIC COMPOUND mg/unit	NEUTRAL COMPOUND mg/unit	Conversion Ratio <sup>1</sup>
<b>CBDVA</b> ND*	<b>CBDV</b> ND*	 <b>CBDV</b> NR*
<b>THCVA</b> ND*	<b>THCV</b> ND*	 <b>THCV</b> NR*
<b>CBDA</b> ND*	<b>CBD</b> 1005.61	 <b>CBD</b> 100%
<b>THCA</b> ND*	<b>THC</b> ND*	 <b>THC</b> NR*
<b>CBCA</b> ND*	<b>CBC</b> ND*	 <b>CBC</b> NR*
<b>CBGA</b> ND*	<b>CBG</b> ND*	 <b>CBG</b> NR*
<b>CBNA</b> ND*	<b>CBN</b> ND*	 <b>CBN</b> 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 PhyaTech. Sampling done by outside party.

\* Units of % are (mass/mass) and reflect numbers as a fraction of 100.

<sup>1</sup> 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.



**Stephen Goldman**  
Laboratory Director



**PESTICIDES LABORATORY REPORT**

Customer Name: Triple C Ranch Ltd (Result Group)  
Customer License: 403H-75142  
Batch Number:  
METRC Tag: 1A4000712681366000000606  
Instrument Name: HPLC 1050

Product Name: MyCBDTest.com-Tincture  
1000 Orange 010337  
Product Type: Liquid Edible  
Sample ID: 296918  
Date Received: 02/01/2019  
Test Date: 02/04/2019  
Report Date: 02/04/2019

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



**MICROBIAL LABORATORY REPORT**

Customer Name:	Triple C Ranch Ltd (Result Group)	Product Name:	MyCBDTest.com-Tincture
Customer License:	403H-75142		1000 Orange 010337
Batch Number:		Product Type:	Liquid Edible
METRC Tag:	1A4000712681366000000606	Sample ID:	296918
Instrument Name:	Microbial Lab	Date Received:	02/01/2019
		Test Date:	02/05/2019
		Report Date:	02/05/2019

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 10<sup>4</sup>. CFU/g = colony forming unit per gram.

  
**Stephen Goldman**  
Laboratory Director



# 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: 02.01.2019  
 Date Lab Test: 02.06.2019  
 Date Reported: 02.06.2019

Company Name: Triple C Ranch Ltd  
 Company License: 403H-75142  
 Sample Type: Concentrates

\*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
MyCBDDTest.com- CBD Softgels 25 MG SG25- 384	296916	1A40007 1268136 6000000 604	ND	ND	ND	ND
MyCBDDTest.com- Tincture 1000 Orange 010336	296917	1A40007 1268136 6000000 605	ND	ND	ND	ND
MyCBDDTest.com- Tincture 1000 Orange 010337	296918	1A40007 1268136 6000000 606	ND	ND	ND	ND
MyCBDDTest.com- Tincture 1000 Tranquil MintTM1000- 18204-2	296919	1A40007 1268136 6000000 607	ND	ND	ND	ND
MyCBDDTest.com- Tincture 250 NaturalCG080818T	296920	1A40007 1268136 6000000	ND	ND	ND	ND

1		608				
MyCBDTest.com-Tincture 250 NaturalJOTM250-18340	296921	1A40007 1268136 6000000 609	ND	ND	ND	ND
MyCBDTest.com-Tincture 250 NaturalJOTNAT250-18271	296922	1A40007 1268136 6000000 610	ND	ND	ND	ND
MyCBDTest.com-Tincture 250 NaturalTNAT250-18204-2	296923	1A40007 1268136 6000000 611	ND	ND	ND	ND
MyCBDTest.com-Tincture 500 NaturalJOTNAT500-18325	296924	1A40007 1268136 6000000 612	ND	ND	ND	ND
MyCBDTest.com-Tincture 500 NaturalTNAT500-18204-2	296925	1A40007 1268136 6000000 613	ND	ND	ND	ND
MyCBDTest.com-Tincture 500 Orange 010334	296926	1A40007 1268136 6000000 615	ND	ND	ND	ND
MyCBDTest.com-Tincture 500 Orange 010335	296927	1A40007 1268136 6000000 616	ND	ND	ND	ND
MyCBDTest.com-Tincture 500 Tranquil MintJOTM50018325	296928	1A40007 1268136 6000000 617	ND	ND	ND	ND
MyCBDTest.com-Tincture 500 Orange TOTO50018309	296929	1A40007 1268136 6000000 614	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.