

Certificate of Quality Assurance

PRODUCT NAME: Tranquil Mint Tincture

PRODUCT STRENGTH: 1000 mg

LOT NUMBER: TM1000-385

OIL BATCH NUMBER: CON018-100

DATE OF MANUFACTURE: 1/2/19

Expiration date is 18 months under sealed conditions.

DATE OF ANALYSIS: 1/2/19

ACTIVE INGREDIENT: Phytocannabinoid-Rich Hemp Oil

INACTIVE INGREDIENTS: Grapeseed Oil, Hempseed Oil, Peppermint Essential Oil, Stevia

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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 | 92.82 |
| 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 % |
|------------------------|----------|---------------------|----------|
| β -Bisabolene | 1.0-3.0 | Camphene | 0.1-0.2 |
| β -Farnesene | 1.0-2.0 | E-Farnesene | 0.1-0.2 |
| Gualol | 0.5-2.0 | Farnesol | 0.1-0.2 |
| β -Maaliene | 0.5-2.0 | α -Bisabolol | < 0.1 |
| Calarene | 0.5-1.5 | p-Cymene | < 0.1 |
| β -Caryophyllene | 0.1-1.0 | Linalool | < 0.1 |
| α -Humulene | 0.1-1.0 | Myrcene | < 0.1 |
| Cadinene | 0.1-1.0 | Phytol | < 0.1 |
| α -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 |
| α -Pinene | 0.1-0.5 | Myrcene | < 0.1 |
| Aristolene | 0.1-0.3 | γ -Terpinene | < 0.1 |
| Eucalyptol | 0.1-0.2 | δ -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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ACTIVE INGREDIENT: Phytocannabinoid-Rich Hemp Oil

INACTIVE INGREDIENTS: Grapeseed Oil, Hempseed Oil, Peppermint Essential Oil, Stevia

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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 Mint Flavor | Conforms |
| Cannabidiol Content | 95% to 110% of Label Claim | 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

4-12-19

Date

INFUSED II LABORATORY REPORT

| | | | |
|-------------------|-----------------------------------|----------------|-----------------------------|
| Customer Name: | Triple C Ranch Ltd (Result Group) | Product Name: | Tincture 1000 Tranquil Mint |
| Customer License: | 403H-75142 | Product Type: | Liquid Edible |
| Batch Number: | TM1000-385 | Sample ID: | 297470 |
| METRC Tag: | 1A4000712681366000000669 | Date Received: | 02/08/2019 |
| Instrument Name: | HPLC 1100-2 | Test Date: | 03/05/2019 |
| | | Report Date: | 03/06/2019 |

| ACIDIC COMPOUND mg/unit | NEUTRAL COMPOUND mg/unit | Conversion Ratio ¹ |
|-------------------------|--------------------------|-------------------------------|
| CBDVA ND* | CBDV 30.24 | CBDV 100% |
| THCVA ND* | THCV ND* | THCV NR* |
| CBDA ND* | CBD 944.46 | 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.






Stephen Goldman
Laboratory Director



MICROBIAL LABORATORY REPORT

| | | | |
|-------------------|-----------------------------------|----------------|-----------------------------|
| Customer Name: | Triple C Ranch Ltd (Result Group) | Product Name: | Tincture 1000 Tranquil Mint |
| Customer License: | 403H-75142 | Product Type: | Liquid Edible |
| Batch Number: | TM1000-385 | Sample ID: | 297470 |
| METRC Tag: | 1A4000712681366000000669 | Date Received: | 02/08/2019 |
| Instrument Name: | Microbial Lab | Test Date: | 02/12/2019 |
| | | Report Date: | 02/12/2019 |

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



PESTICIDES LABORATORY REPORT

Customer Name: Triple C Ranch Ltd (Result Group) Product Name: Tincture 1000 Tranquil Mint
Customer License: 403H-75142 Product Type: Liquid Edible
Batch Number: TM1000-385 Sample ID: 297470
METRC Tag: 1A4000712681366000000669 Date Received: 02/08/2019
Instrument Name: HPLC 1050 Test Date: 02/12/2019
Report Date: 02/12/2019

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

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

Date Received: 02.08.2019
 Date Lab Test: 02.12.2019
 Date Reported: 02.13.2019

Company Name: Triple C Ranch Ltd
 Company License: 403H-75142
 Sample Type: Tinctures & Softgels

*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 |
|--------------------------|--------|---------|---------|------|---------|---------|
| 500 Natural | 297460 | 00659 | ND | ND | ND | ND |
| 500 Orange | 297461 | 00660 | ND | ND | ND | ND |
| 1000 Natural | 297462 | 00661 | ND | ND | ND | ND |
| 10 mg softgels | 297463 | 00662 | ND | ND | ND | ND |
| 1000 Natural | 297464 | 00663 | ND | ND | ND | ND |
| 500 Lemon | 297465 | 00664 | ND | ND | ND | ND |
| 25 mg Melatonin softgels | 297466 | 00665 | ND | ND | ND | ND |
| 25 mg softgels | 297467 | 00666 | ND | ND | ND | ND |
| 25 mg Curcumin softgels | 297468 | 00667 | ND | ND | ND | ND |
| 1500 Tranquil Mint | 297469 | 00668 | ND | ND | ND | ND |
| 1000 Tranquil Mint | 297470 | 00669 | ND | ND | ND | ND |
| 1500 Tranquil Mint | 297471 | 00670 | 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.