Certificate of Quality Assurance

PRODUCT NAME: Tranquil Mint Tincture
PRODUCT STRENGTH: 900 mg
LOT NUMBER: HTM1000-T258
OIL BATCH NUMBER: CONO19-89
DATE OF MANUFACTURE: 10/18/2019
Expiration date is 18 months under sealed conditions.
DATE OF ANALYSIS: 10/18/2019
ACTIVE INGREDIENT: Phytocannabinoid-Rich Hemp Oil
INACTIVE INGREDIENTS: Organic Olive Oil, Organic Peppermint Oil, Humulene, Myrcene, Beta-caryophyllene

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

Cannabinoid Potency of Raw Hemp Oil

Cannabinoid	Weight %
CBD	84.99
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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Expiration date is 18 months under sealed conditions.
DATE OF ANALYSIS: 10/18/2019
ACTIVE INGREDIENT: Phytocannabinoid-Rich Hemp Oil
INACTIVE INGREDIENTS: Organic Olive Oil, Organic Peppermint Oil, Humulene, Myrcene, Beta-caryophyllene

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.

Quality Certified by: _____ 11-5-19

Matthew Plenert, Ph.D — Date
Head Chemist and Laboratory Manager

QC Unit released by: _____ 11-4-19

David Boaz — Date
QC Manager

PIXIS Labs
A Tentamus Company

12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number: 19-013059/D03.R00
Report Date: 11/01/2019
ORELAP#: OR100028
Purchase Order:
Received: 10/25/19 09:25

Customer: My CBD Test
Product identity: HTM1000-T258
Client/Metrc ID: .
Laboratory ID: 19-013059-0003

Summary

Potency:

Analyte per 29.57ml	Result	Limits	Units	Status
CBD per 29.57ml	931		mg/29.57ml	
CBDV per 29.57ml†	13.2		mg/29.57ml	

CBD-Total per 29.57ml	931 mg/29.57ml
THC-Total per 29.57ml	< 1.695 mg/29.57ml

(Reported in milligrams per serving)

Pesticides:

All analytes passing and less than LOQ.

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
Menthol†	0.236	27.28%	ß-Caryophyllene†	0.225	26.01%
ß-Myrcene†	0.193	22.31%	Humulene†	0.158	18.27%
Eucalyptol†	0.0325	3.76%	Isoborneol†	0.0205	2.37%
Total Terpenes†	**0.865**	**100.00%**			

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.

Testing in accordance with: OAR 333-007-0430

PIXIS Labs
A Tentamus Company

12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number: 19-013059/D03.R00
Report Date: 11/01/2019
ORELAP#: OR100028
Purchase Order:
Received: 10/25/19 09:25

Customer: My CBD Test

Product identity: HTM1000-T258
Client/Metrc ID: .
Sample Date:
Laboratory ID: 19-013059-0003
Relinquished by: Received By Mail
Temp: 17.9 °C
Serving Size #1: 27.07 g

Sample Results

Potency per 29.57ml — Batch: 1909917

Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 29.57ml†	< LOQ		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
CBC-A per 29.57ml†	< LOQ		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
CBC-Total per 29.57ml†	< LOQ		mg/29.57ml	1.69	11/01/19	J AOAC 2015 V98-6	
CBD per 29.57ml	931		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
CBD-A per 29.57ml	< LOQ		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
CBD-Total per 29.57ml	931		mg/29.57ml	1.69	11/01/19	J AOAC 2015 V98-6	
CBDV per 29.57ml†	13.2		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
CBDV-A per 29.57ml†	< LOQ		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
CBDV-Total per 29.57ml†	13.2		mg/29.57ml	1.68	11/01/19	J AOAC 2015 V98-6	
CBG per 29.57ml†	< LOQ		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
CBG-A per 29.57ml†	< LOQ		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
CBG-Total per 29.57ml†	< LOQ		mg/29.57ml	1.69	11/01/19	J AOAC 2015 V98-6	
CBL per 29.57ml†	< LOQ		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
CBN per 29.57ml	< LOQ		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
Δ8-THC per 29.57ml†	< LOQ		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
Δ9-THC per 29.57ml	< LOQ		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
THC-A per 29.57ml	< LOQ		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
THC-Total per 29.57ml	< LOQ		mg/29.57ml	1.69	11/01/19	J AOAC 2015 V98-6	
THCV per 29.57ml†	< LOQ		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
THCV-A per 29.57ml†	< LOQ		mg/29.57ml	0.902	11/01/19	J AOAC 2015 V98-6	
THCV-Total per 29.57ml†	< LOQ		mg/29.57ml	1.68	11/01/19	J AOAC 2015 V98-6	

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	1909700	10/27/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1909700	10/27/19	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	1909701	10/27/19	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	1909701	10/27/19	AOAC 2014.05 (RAPID)	X

Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0430

PIXIS Labs
A Tentamus Company

12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number: 19-013059/D03.R00
Report Date: 11/01/2019
ORELAP#: OR100028
Purchase Order:
Received: 10/25/19 09:25

Pesticides **Method** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 1909835 **Analyze** 10/30/19 07:49 AM

Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenazat	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.200	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Cyfluthrin	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoxazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Flonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclobutrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.200	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							

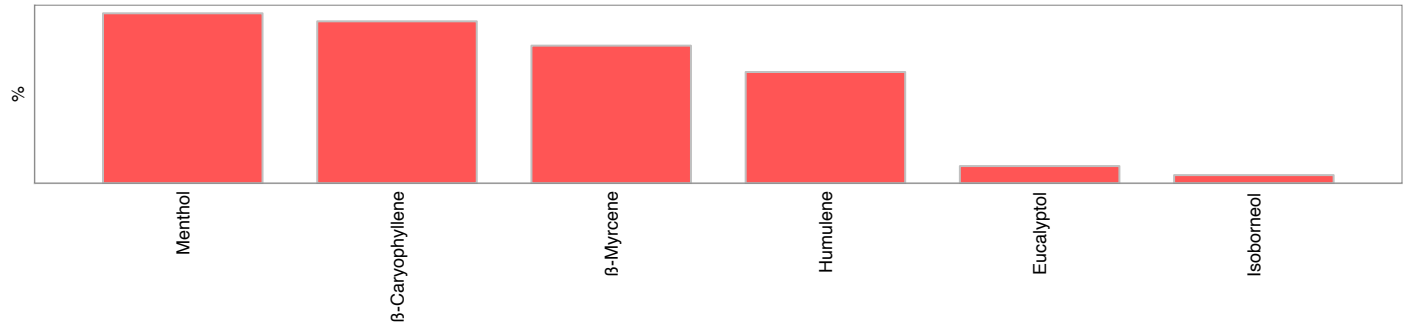
Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0430

PIXIS Labs
A Tentamus Company

12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number: 19-013059/D03.R00
Report Date: 11/01/2019
ORELAP#: OR100028
Purchase Order:
Received: 10/25/19 09:25

Terpenes	**Method** J AOAC 2015 V98-6				**Units** %	**Batch** 1909832			**Analyze** 10/29/19 08:37 PM
Analyte	**Result**	**LOQ**	**% of Total**	**Notes**	**Analyte**	**Result**	**LOQ**	**% of Total**	**Notes**
Menthol†	0.236	0.020	27.28%		ß-Caryophyllene†	0.225	0.020	26.01%	
ß-Myrcene†	0.193	0.020	22.31%		Humulene†	0.158	0.020	18.27%	
Eucalyptol†	0.0325	0.020	3.76%		Isoborneol†	0.0205	0.020	2.37%	
(R)-(+)-Limonene†	< LOQ	0.020	0.00%		(-)-Guaiol†	< LOQ	0.020	0.00%	
(-)-a-Terpineol†	< LOQ	0.020	0.00%		(-)-caryophyllene oxide†	< LOQ	0.020	0.00%	
(-)-Isopulegol†	< LOQ	0.020	0.00%		(-)-ß-Pinene†	< LOQ	0.020	0.00%	
(+)-Borneol†	< LOQ	0.020	0.00%		(+)-Cedrol†	< LOQ	0.020	0.00%	
(+)-fenchol†	< LOQ	0.020	0.00%		(+)-Pulegone†	< LOQ	0.020	0.00%	
(±)-Camphor†	< LOQ	0.020	0.00%		(±)-cis-Nerolidol†	< LOQ	0.020	0.00%	
(±)-fenchone†	< LOQ	0.020	0.00%		(±)-trans-Nerolidol†	< LOQ	0.020	0.00%	
a-Bisabolol†	< LOQ	0.020	0.00%		a-cedrene†	< LOQ	0.020	0.00%	
a-phellandrene†	< LOQ	0.020	0.00%		a-pinene†	< LOQ	0.020	0.00%	
a-Terpinene†	< LOQ	0.020	0.00%		Camphene†	< LOQ	0.020	0.00%	
cis-ß-Ocimene†	< LOQ	0.006	0.00%		d-3-Carene†	< LOQ	0.020	0.00%	
farnesene†	< LOQ	0.020	0.00%		gamma-Terpinene†	< LOQ	0.020	0.00%	
Geraniol†	< LOQ	0.020	0.00%		Geranyl acetate†	< LOQ	0.020	0.00%	
Linalool†	< LOQ	0.020	0.00%		nerol†	< LOQ	0.020	0.00%	
p-Cymene†	< LOQ	0.020	0.00%		Sabinene†	< LOQ	0.020	0.00%	
Sabinene hydrate†	< LOQ	0.020	0.00%		Terpinolene†	< LOQ	0.020	0.00%	
trans-ß-Ocimene†	< LOQ	0.013	0.00%		valencene†	< LOQ	0.020	0.00%	
Total Terpenes	**0.865**								



Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0430

PIXIS Labs
A Tentamus Company

12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number: 19-013059/D03.R00
Report Date: 11/01/2019
ORELAP#: OR100028
Purchase Order:
Received: 10/25/19 09:25

Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0461	1909931	10/31/19	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0461	1909931	10/31/19	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0461	1909931	10/31/19	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0231	1909931	10/31/19	AOAC 2013.06 (mod.)	X

Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0430

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Report Number:	19-013059/D03.R00
Report Date:	11/01/2019
ORELAP#:	OR100028
Purchase Order:	
Received:	10/25/19 09:25

These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

Units of Measure

cfu/g = Colony forming units per gram
g = Gram
mg/kg = Milligram per kilogram = parts per million (ppm)
mg/27.07g = Milligram per 27.07g
% = Percentage of sample
% wt = µg/g divided by 10,000

Glossary of Qualifiers

Q2: Quality control outside QC limits. Data considered estimate.
X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager

Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0430