Certificate of Quality Assurance

PRODUCT NAME: 2 oz Salve
PRODUCT STRENGTH: 900 mg
LOT NUMBER: HB2OZ1000-T171
OIL BATCH NUMBER: CONO19-75
DATE OF MANUFACTURE: 7/11/2019
Expiration date is 18 months under sealed conditions.
DATE OF ANALYSIS: 7/11/2019
ACTIVE INGREDIENT: Phytocannabinoid-Rich Hemp Oil
INACTIVE INGREDIENTS: See next page.

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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

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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DATE OF ANALYSIS: 7/11/2019
ACTIVE INGREDIENT: Phytocannabinoid-Rich Hemp Oil
INACTIVE INGREDIENTS: Organic Medium Chain Triglycerides, Organic Beeswax, Organic Lavender Essential Oil, Organic Eucalyptus Essential Oil

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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	White to Light Yellow Solid at Room Temperature	Conforms
Aroma	Characteristic Lavender and Eucalyptus Aroma	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: _____ 7-22-19
Matthew Plenert, Ph.D — Date
Head Chemist and Laboratory Manager

QC Unit released by: _____ 7-22-19
David Boaz — Date
QC Manager

CIA•LABS

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CERTIFICATE OF ANALYSIS

SALVE 900 mg

RECEIVED ON 07/16/19
ASSAYED ON 07/16/19

LAB#
205299

LOT#	ASSAY	RESULTS
190709T171	DENSITY	0.9464g/mL
HB2OZ1000-T171	CBD	1.518%w/w
	CBD	860.5mg/2OZ-PASSES TEST
	THC	NON-DETECT -PASSES TEST

METHODS: CIA D-36.1
CIA D-351

Roger Rohrer 7/17/19
Roger Rohrer Date
Quality Assurance

PIXIS Labs
A Tentamus Company

THE ORGANIC leaf

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

Job Number:	19-008344
Report Number:	19-008344-00
Report Date:	07/23/2019
ORELAP#:	OR100028
Purchase Order:	
Received:	07/16/19 07:45

This report cannot be used for ODA, OHA or OLCC compliance requirements.

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	1906335	07/19/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1906335	07/19/19	AOAC 991.14 (Petrifilm)	X
Mold	< LOQ		cfu/g	10	1906334	07/19/19	AOAC 2014.05 (RAPID)	X
Yeast	< LOQ		cfu/g	10	1906334	07/19/19	AOAC 2014.05 (RAPID)	X

Pesticides

Method AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 1906386 **Analyze** 07/18/19 09:36 AM

Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass	
Acequinocyl	< LOQ	2.0	1.00	pass	
Aldicarb	< LOQ	0.40	0.200	pass	
Bifenazate	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass	
Clofentezine	< LOQ	0.20	0.100	pass	
Cypermethrin	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass	
Dimethoate	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass	
Fipronil	< LOQ	0.40	0.200	pass	
Fludioxonil	< LOQ	0.40	0.200	pass	
Imazalil	< LOQ	0.20	0.100	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass	
Metalaxyl	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass	
Myclobutanil	< LOQ	0.20	0.100	pass	
Oxamyl	< LOQ	1.0	0.500	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass	
Phosmet	< LOQ	0.20	0.100	pass	
Prallethrin	< LOQ	0.20	0.100	pass	
Propoxur	< LOQ	0.20	0.100	pass	
Pyridaben	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass	

Analyte	Result	Limits	LOQ	Status	Notes
Acephate	< LOQ	0.40	0.250	pass	
Acetamiprid	< LOQ	0.20	0.100	pass	
Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenthrin	< LOQ	0.20	0.100	pass	
Carbaryl	< LOQ	0.20	0.100	pass	
Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorpyrifos	< LOQ	0.20	0.100	pass	
Cyfluthrin (incl.	< LOQ	1.0	0.500	pass	
Daminozide	< LOQ	1.0	0.500	pass	
Dichlorvos	< LOQ	1.0	0.500	pass	
Ethoprophos	< LOQ	0.20	0.100	pass	
Etoxazole	< LOQ	0.20	0.100	pass	
Fenpyroximate	< LOQ	0.40	0.200	pass	
Flonicamid	< LOQ	1.0	0.400	pass	
Hexythiazox	< LOQ	1.0	0.400	pass	
Imidacloprid	< LOQ	0.40	0.200	pass	
Malathion	< LOQ	0.20	0.100	pass	
Methiocarb	< LOQ	0.20	0.100	pass	
MGK-264	< LOQ	0.20	0.100	pass	
Naled	< LOQ	0.50	0.250	pass	
Paclobutrazole	< LOQ	0.40	0.200	pass	
Permethrin	< LOQ	0.20	0.100	pass	
Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Propiconazole	< LOQ	0.40	0.200	pass	
Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Spinosad	< LOQ	0.20	0.100	pass	
Spirotetramat	< LOQ	0.20	0.100	pass	
Tebuconazole	< LOQ	0.40	0.200	pass	
Thiamethoxam	< 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
THE ORGANIC leaf

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

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Report Number:	19-008344-00
Report Date:	07/23/2019
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Metals

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0493	1906535	07/22/19	AOAC 2013.06	X
Cadmium	< LOQ		mg/kg	0.0493	1906535	07/22/19	AOAC 2013.06	X
Lead	< LOQ		mg/kg	0.0493	1906535	07/22/19	AOAC 2013.06	X
Mercury	< LOQ		mg/kg	0.0246	1906535	07/22/19	AOAC 2013.06	X

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

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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/56.7g = Milligram per 56.7g
% = Percentage of sample
% wt = µg/g divided by 10,000

Glossary of Qualifiers

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