

# CONFIDENTIAL EXTRACTOR

## CERTIFICATE OF QUALITY ASSURANCE

**PRODUCT NAME:** THC-Free Phytocannabinoid-Rich Hemp Oil

**PRODUCT CODE:** NO-4kg-Bulk

**LOT NUMBER:** JP121918B4 (Sales Order# Craig Brand, 4,040 g cannabinoids, Total of 4,411.9 g Oil in (2) 1 gallon jars)

**OIL BATCH NUMBER:** CONO18-94

**DATE OF MANUFACTURE:** 17Dec2018

*Expiration date is 24 months under sealed conditions.*

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

**INACTIVE INGREDIENTS:** N/A

Attributes	Acceptance Criteria	Results	Test Method
Appearance	Viscous Amber Oil Possible Crystal Formation	Conforms	QCU002
Odor	Characteristic	Conforms	QCU002
Color	Amber	Conforms	QCU002
Dissolution	Not cloudy or turbid, characteristic color	Conforms	QCU002
Cannabinoid Content	80% total Phytocannabinoids, THC - report results	91.57% total Phytocannabinoids THC Not Detected	QCU001
Microbial Testing	Total Aerobic Count <2000 CFU/g Total Yeast & Mold <200 CFU/g	Conforms	USP<2021>

Package	Acceptance Criteria	Results
Primary Package	Container dedusted and wiped clean. Container caps screwed on tight	Conforms
Secondary Package	Carton Sturdy and clean. Sufficient cushion material exists. Carton taped on all sides	Conforms

**Note:** When sampling, manufacturing, or formulating with this oil, the oil MUST first be heated and liquefied at 70-75°C and mixed thoroughly. Attempting to sample the oil when it is in a semi-solid state will not result in accurate analytical results.

**Storage:** Room Temperature, Protect from Light

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## CERTIFICATE OF INTERNAL ANALYSIS

TYPE: Phytocannabinoid-Rich Hemp Oil/ THC-free **TERPENE RESULTS\*:**

BATCH No: CONO18-94

Date of Manufacture: 17Dec2018

Date of Analysis: 17Dec2018

### POTENCY RESULTS:

Cannabinoid	Wt. (%)	(mg/g)
CBD	91.57	915.73
CBG	<0.03	<0.30
CBN	<0.03	<0.30
THC	ND**	ND**
CBC	<0.03	<0.30
THC-A	ND**	ND**
CBD-A	<0.03	<0.30
MAX THC	ND**	ND**
MAX CBD	91.57	915.73
TOTAL ACTIVE	91.57	915.73

### Residual Solvents\*:

Propane	Compliant with USP<467>	Pentane	Compliant with USP<467>
Isobutane	Compliant with USP<467>	Isopropanol	Compliant with USP<467>
Butane	Compliant with USP<467>	Hexane	Compliant with USP<467>
Ethanol	Compliant with USP<467>	Acetone	Compliant with USP<467>

### Heavy Metals\*:

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

	Wt. (%)		Wt. (%)
$\beta$ -Bisabolene	1.0-3.0	Camphene	0.1-0.2
$\beta$ -Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	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

### Pesticides\*:

Acequinocyl	ND***	Spinosad	ND***
Pyrethrium	ND***	Spirotetramat	ND***
Spiromesifen	ND***	Bifenazate	ND***
Abamectin	ND***	Fenoxycarb	ND***
Imidacloprid	ND***	Paclobutrazol	ND***

Test ID: 121718KP

\*Batches are sent out regularly for testing, not all batches tested

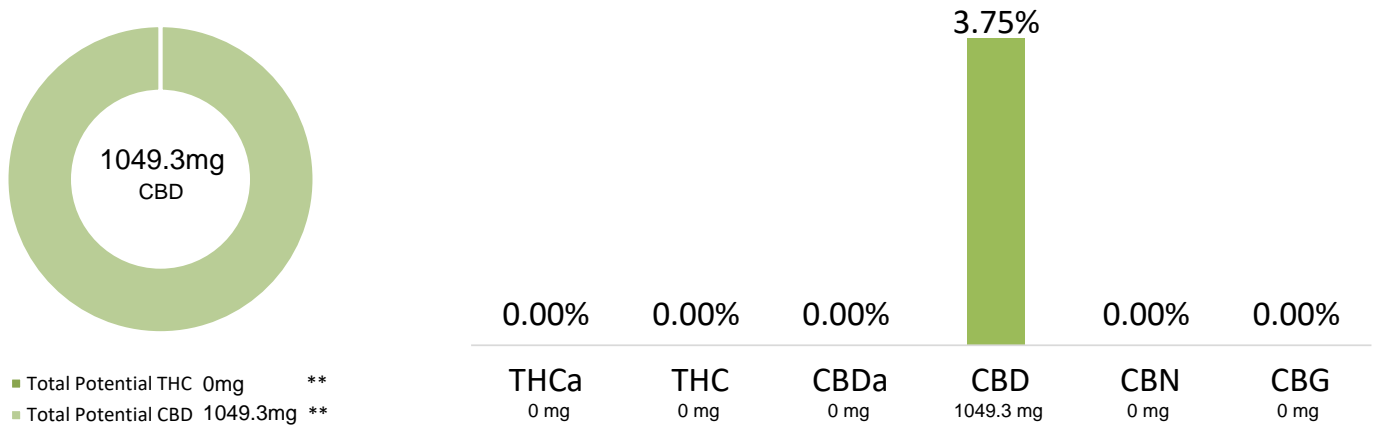
\*\* ND = Not Detected using a validated high-performance liquid chromatography test method

\*\*\* Pesticides are tested by a third party lab, ND = Not Detected at the Reporting Limit (RL)

TINCTURE 1000 LEMON

<b>Batch ID:</b> _010341	<b>Test ID:</b> 5849195.061
<b>Reported:</b> 4-Mar-2019	<b>Method:</b> TM01
<b>Type:</b> Edible	
<b>Test:</b> Potency	

CANNABINOID PROFILE



\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa \* (0.877)) and Total CBD = CBD + (CBDa \* (0.877))

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

NOTES:

Free from visual mold, mildew, and foreign matter.  
# of Servings = 1, Sample/Fill Weight = 27.99g

FINAL APPROVAL

*Alex Smith*  
Alex Smith  
4-Mar-2019  
10:36 AM

*David Green*  
David Green  
4-Mar-2019  
10:46 AM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Services, LLC, in the condition it was received. Botanacor Services, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Services, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

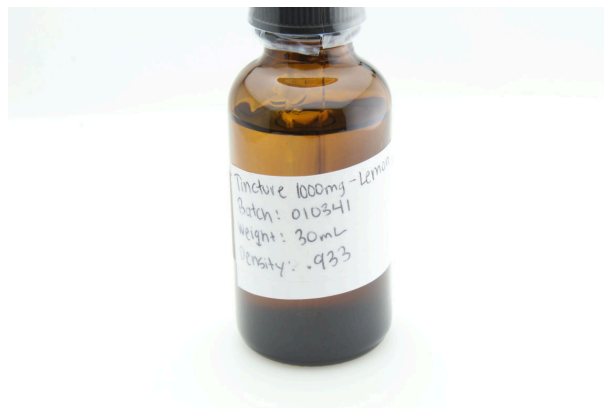
## Contaminant Analysis Report

Sample Name: MyCBDTest.com/010341  
 Sample Type: Ingestible, Tincture, Other  
 Sample ID: 1902AU0258.02635  
 Batch ID:  
 METRC Tag: 1A4000712681366000000779

MyCBDTest.com  
 1306 Blue Spruce Dr Unit B  
 Fort Collins, CO 80524  
 (925) 567-7159  
 Lic. #403H-75142.2

## Pesticide Analysis Results

Analyte	LOQ	Limit	Amount	Status
	PPB	PPB	PPB	
Abamectin	40.0	70.0	ND	Pass
Azoxystrobin	10.0	20.0	ND	Pass
Bifenazate	20.0	20.0	ND	Pass
Etoazole	10.0	10.0	ND	Pass
Imazalil	40.0	40.0	ND	Pass
Imidacloprid	10.0	20.0	ND	Pass
Malathion	40.0	50.0	ND	Pass
Myclobutanil	10.0	40.0	ND	Pass
Permethrin	10.0	40.0	ND	Pass
Spinosad	40.0	60.0	ND	Pass
Spiromesifen	30.0	30.0	ND	Pass
Spirotetramat	10.0	30.0	ND	Pass
Tebuconazole	10.0	20.0	ND	Pass



## Final Approval

## Test Status



Results Approved By:  
 Lucas Mason, M.S.  
 Lab Director



Results Analyzed By:  
 Amy Spencer, PhD  
 Senior Microbiologist

Pesticide Analysis Results

Pass

Received: 02/28/2019

Tested: 02/28/2019

Reported: 03/05/2019

Definitions: LOQ = Limit of Quantitation, ND = Not Detected, NT = Not Tested, PPM = Parts per Million

This product has been tested by Aurum Labs using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Aurum Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Aurum Labs.



Aurum Labs  
 789 Tech Center Drive, Unit C  
 Durango, CO  
 (970) 422-1867  
 www.aurum-labs.com



Sample: 1902AU0258.02635

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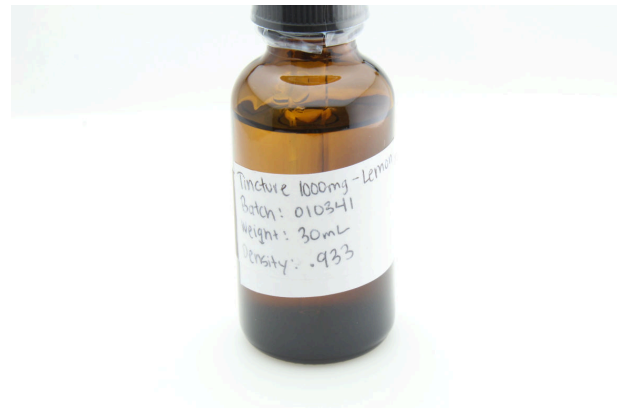
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## Microbial Test Results

Analyte	Limit	Amount	Status
	CFU/g	CFU/g	
STEC	1	<1	Pass
Salmonella	1	<1	Pass
Yeast & Mold	10000	<100	Pass



Bacterial Test Results	Pass
Yeast & Mold Test Results	Pass
% Yeast	NR
% Mold	NR

## Final Approval

## Test Status

Results Approved By:  
 Lucas Mason, M.S.  
 Lab Director

Results Analyzed By:  
 Amy Spencer, PhD  
 Senior Microbiologist

Microbial Test Results

Pass

Received: 02/28/2019

Tested: 02/28/2019

Reported: 03/05/2019

Definitions: LOQ = Limit of Quantitation, ND = Not Detected, NT = Not Tested, CFU/g = Colony Forming Units per Gram

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Sample: 1902AU0258.02635

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Aurum Labs 789 Tech Center Dr. #C Durango CO, 81301	Project: As, Cd, Pb, Hg Project Name / Number: MyCBDTest.com Project Manager: Luke Mason	<b>Reported:</b> 04/01/19 15:35
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**MyCBDTest.com/010341**

**1903227-03 (Solid)**

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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**Total Metals by ICPMS**

<b>Arsenic</b>	<0.100	0.100	0.0214	mg/kg wet	100	03/25/19	6020A		AES
<b>Cadmium</b>	<0.0500	0.0500	0.0041	mg/kg wet	100	03/25/19	6020A		AES
<b>Lead</b>	<0.0500	0.0500	0.0091	mg/kg wet	100	03/25/19	6020A		AES

**Total Mercury by CVAA**

<b>Mercury</b>	<0.0400	0.0400	0.0167	mg/kg wet wet	200	03/22/19	EPA7471		LLG
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Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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