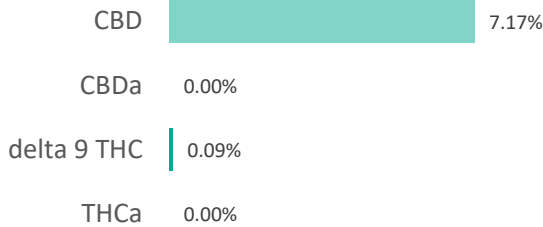
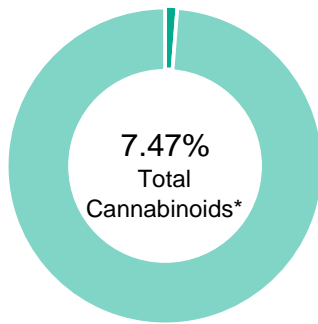


EXTRA STRENGTH RASPBERRY TINCTURE

Batch ID:	19T2092110	Test ID:	4093305.007
Reported:	1-Nov-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.06	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.03	0.09	0.9
Cannabidiolic acid (CBDA)	0.07	0.00	0.0
Cannabidiol (CBD)	0.04	7.17	71.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.03	0.00	0.0
Cannabinolic Acid (CBNA)	0.08	0.00	0.0
Cannabinol (CBN)	0.04	0.00	0.0
Cannabigerolic acid (CBGA)	0.05	0.00	0.0
Cannabigerol (CBG)	0.03	0.06	0.6
Tetrahydrocannabivarinic Acid (THCVA)	0.05	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.03	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.07	0.00	0.0
Cannabidivarin (CBDV)	0.04	0.00	0.0
Cannabichromenic Acid (CBCA)	0.04	0.00	0.0
Cannabichromene (CBC)	0.05	0.15	1.5
Total Cannabinoids		7.47	74.70
Total Potential THC**		0.09	0.90
Total Potential CBD**		7.17	71.70


NOTES:

N/A

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


* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

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

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and } \text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$
FINAL APPROVAL


Ryan Weems
 1-Nov-2019
 3:34 PM

PREPARED BY / DATE



David Green
 1-Nov-2019
 3:44 PM

APPROVED BY / DATE

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Certificate #4329.02

EXTRA STRENGTH RASPBERRY TINCTURE

Batch ID:	19TN2092110	Test ID:	4432371.023
Reported:	3-Nov-2019	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100 - 2000	0
Butanes (Isobutane, n-Butane)	100 - 2000	0
Pentane	100 - 2000	0
Ethanol	100 - 2000	0
Acetone	100 - 2000	0
Isopropyl Alcohol	100 - 2000	0
Hexane	6 - 120	0
Benzene	0.2 - 4	0.0
Heptanes	100 - 2000	0
Toluene	18 - 360	0
Xylenes (m,p,o-Xylenes)	43 - 860	0

NOTES:

Free from visual mold, mildew, and foreign matter.

FINAL APPROVALChris Jungling
3-Nov-2019
7:00 PMGreg Zimpfer
3-Nov-2019
7:41 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, 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 Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

EXTRA STRENGTH RASPBERRY TINCTURE

Batch ID:	19T2092110	Test ID:	1108045.0038
Reported:	4-Nov-2019	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	56 - 2614	ND*	Malathion	56 - 2614	ND*
Acetamiprid	56 - 2614	ND*	Metalaxyl	339 - 2614	ND*
Avermectin	339 - 2614	ND*	Methiocarb	56 - 2614	ND*
Azoxystrobin	56 - 2614	ND*	Methomyl	56 - 2614	ND*
Bifenazate	56 - 2614	ND*	MGK 264 1	56 - 2614	ND*
Boscalid	339 - 2614	ND*	MGK 264 2	339 - 2614	ND*
Carbaryl	56 - 2614	ND*	Myclobutanil	339 - 2614	ND*
Carbofuran	56 - 2614	ND*	Naled	339 - 2614	ND*
Chlorantraniliprole	56 - 2614	ND*	Oxamyl	56 - 2614	ND*
Chlorpyrifos	339 - 2614	ND*	Paclobutrazol	56 - 2614	ND*
Clofentezine	56 - 2614	ND*	Permethrin	339 - 2614	ND*
Diazinon	56 - 2614	ND*	Phosmet	56 - 2614	ND*
Dichlorvos	339 - 2614	ND*	Prophos	339 - 2614	ND*
Dimethoate	56 - 2614	ND*	Propoxur	339 - 2614	ND*
E-Fenproximate	339 - 2614	ND*	Pyridaben	339 - 2614	ND*
Etofenprox	339 - 2614	ND*	Spinosad A	56 - 2614	ND*
Etoxazole	339 - 2614	ND*	Spinosad D	339 - 2614	ND*
Fenoxycarb	56 - 2614	ND*	Spiromesifen	56 - 2614	ND*
Fipronil	339 - 2614	ND*	Spirotetramat	339 - 2614	ND*
Flonicamid	56 - 2614	ND*	Spiroxamine 1	56 - 2614	ND*
Fludioxonil	339 - 2614	ND*	Spiroxamine 2	56 - 2614	ND*
Hexythiazox	339 - 2614	ND*	Tebuconazole	56 - 2614	ND*
Imazalil	339 - 2614	ND*	Thiacloprid	56 - 2614	ND*
Imidacloprid	56 - 2614	ND*	Thiamethoxam	56 - 2614	ND*
Kresoxim-methyl	56 - 2614	ND*	Trifloxystrobin	339 - 2614	ND*

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL


 Sam Smith
 4-Nov-2019
 7:20 AM
 PREPARED BY / DATE


 David Green
 4-Nov-2019
 8:14 AM
 APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, 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 Laboratories, LLC.

EXTRA STRENGTH RASPBERRY TINCTURE

Batch ID:	19T2092110	Test ID:	9288191.004
Reported:	1-Nov-2019	Method:	Edible - Test Methods: TM05, TM06
Type:	Edible		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	None Detected
Salmonella	None Detected

* CFU/g = Colony Forming Unit per Gram

** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU


NOTES:

Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

Coliforms: None Detected

FINAL APPROVAL

Robert Belfon
1-Nov-2019
4:48 PM



David Green
1-Nov-2019
5:33 PM

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.



EXTRACT LABS
AMERICAN HEMP

3620 Walnut Street
Boulder, CO 80301
(303) 927-6130

Product Specification

Extra Strength Raspberry Hemp Tincture – 1000mg/15ml, 2000mg/30ml,
4000mg/60ml

Product Information

Product	Extra Strength Raspberry Hemp Tincture
Botanical name	<i>Cannabis sativa</i> L.
Plant Part	Flower
Country of Origin	USA
Extraction Process	CO2 Extraction, Winterization
Ingredient Statement	Organic Fractionated Coconut Oil, CO2-Extracted Full Spectrum Hemp Oil, Natural Flavors (Sunflower Oil, Natural Flavor)

Organoleptic Description

Appearance	Light to dark amber oil liquid
Aroma	Typical
Taste	Characteristic

Physical Characteristics

Cannabidiol Content (CBD):	>1000mg/15ml, >2000mg/30ml, >4000mg/60ml
Tetrahydrocannabinol Content (THC):	<0.3%

Shelf Life

Shelf life in original glass bottle for up to 1 year.

Packaging

15ml, 30ml, and 60ml packaged in clear glass dropper bottles
Secondary packaging in cardboard boxes.
Larger quantities by arrangement

Recommended Storage Conditions

Store at ambient conditions in airtight container.

Kosher Certification

Extra Strength Raspberry Hemp Tincture is certified Kosher by the Orthodox Union,
UKD-ID: OUV3-IAKQ3XD.

GMP Certification

This product was produced in a cGMP Compliant Facility, audited through Eurofins, Certificate #4949.

Vegan Certification

Extra Strength Hemp Tincture is certified Vegan by Vegan Action, certificate #8559160.

I declare that the information given is believed to be correct as of date specified below.

Name: Alyssa Rosenblum

Title: Quality Manager

Date: January 8th, 2020