

CERTIFICATE OF ANALYSIS

prepared for: Extract Labs

3620 Walnut St. Boulder, CO 80301

Original 2000mg/30mL

Batch ID:	20T1061311	Received:	11/16/2020	Test:	Potency
Sample Type:	CBD Tincture	Analyzed:	11/23/2020		-

CANNABINOID PROFILE

TOTAL CANNABINOID CONTENT	Cannabinoid	LOQ (%)	Result (%)	Result (mg/g)
	Cannabidiol (CBD)	0.03	7.48	74.84
7.91%	Cannabigerol (CBG)	0.02	0.02	0.18
	Δ 9-Tetrahydrocannabinol (Δ 9-THC)	0.07	0.14	1.38
	Cannabacitran (CBT)	0.02	0.07	0.66
	Cannabichromene (CBC)	0.03	0.18	1.79
	Cannabinol (CBN)	0.02	0.00	0.00
	Cannabicyclol (CBL)	0.02	0.00	0.00
92.09 %	Tetrahydrocannabivarin (THCV)	0.05	0.00	0.00
Cannabinoids Other	Δ8-Tetrahydrocannabinol (Δ8-THC)	0.06	0.00	0.00
	Tetrahydrocannabivarinic acid (THCVA)	0.03	0.00	0.00
	Cannabigerolic acid (CBGA)	0.02	0.00	0.00
	Cannabidiolic acid (CBDA)	0.02	0.00	0.00
CBD	Cannabidivarin (CBDV)	0.02	0.02	0.23
	Δ9-Tetrahydrocannabinolic acid (THCA)	0.03	0.00	0.00
СВС	Cannabidivarinic Acid (CBDVA)	0.01	0.00	0.00
∆9-тнс	Total Cannabinoids**		7.91	79.08
СВТ	Total Potential ∆9-THC*		0.14	1.38
	Total Potential CBD*		7.48	74.84
0 2 4 6 8	Total Potential CBG*		0.02	0.18

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

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

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

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

REMARKS

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION



Laboratory results are based on the sample submitted to Extract Labs, INC, in the condition it was received. Extract Labs, INC warrants that all analyses performed were done in a professional manner in accordance with all relevant standard laboratory practices and good manufacturing practices. Extract Labs, INC is currently in the process of obtaining ISO 17025 accreditation but has not yet been obtained. All data was generated using certified reference materials and NIST traceable reference standards. Report can only be reproduced with the written consent of Extract Labs, INC.





CERTIFICATE OF ANALYSIS

prepared for: EXTRACT LABS 3620 WALNUT STREET BOULDER, CO 80301

CBD Original 2000mg/30ml Tincture

Batch ID:	20T1061311	Test ID:	T000110057
Туре:	Concentrate	Submitted:	11/16/2020 @ 10:37 AM
Test:	Microbial Contaminants	Started:	11/17/2020
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	11/20/2020

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*	
Total Aerobic Count**	None Detected	
Total Coliforms**	None Detected	
Total Yeast and Molds**	None Detected	
E. coli	Absent	
STEC and 0157 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: 10⁴

10² = 100 CFU 10³ = 1,000 CFU 10⁴ = 10,000 CFU 10⁵ = 100,000 CFU

NOTES:

Free from visual mold, mildew, and foreign matter TYM: None Detected Total Aerobic: None Detected Coliforms: None Detected

FINAL APPROVAL

PREPARED BY / DATE

Sarah Henning 20-Nov-2020 3:58 PM

Den Muton

Ben Minton 20-Nov-2020 4:50 PM

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 AZLA Certificate Number 4329.03. Testing associated with this certificate of analysis performed by an external ISO 17025 accredited provider.



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CERTIFICATE OF ANALYSIS

prepared for: Extract Labs

3620 Walnut St. Boulder, CO 80301

Original 2000mg/30mL

Batch ID:	20T1061311	Received:	11/16/2020	Test:	Residual Solvents
Sample Type:	CBD Tincture	Analyzed:	11/18/2020		

RESIDUAL SOLVENTS

SOLVENT	REPORTABLE RANGE	RESULT (ppm)
Acetone	100-1000	0.00
Acetonitrile	100-1000	0.00
Benzene	0.2-4	0.00
Butanes	100-1000	0.00
Ethanol	100-1000	0.00
Ethyl Acetate	100-1000	0.00
Heptane	100-1000	0.00
Hexanes	6-120	0.00
Isopropyl Alcohol	100-1000	0.00
Methanol	100-1000	0.00
Pentane	100-1000	0.00
Propane	100-1000	0.00
Toluene	18-360	0.00
Xylenes	43-860	0.00

REMARKS

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION

M.Zapata

ANALYZED BY/DATE

, 18-Nov-20

AUTHORIZED BY / DATE

18-Nov-20

Madi S

18-Nov-20

RELEASED BY/DATE

Laboratory results are based on the sample submitted to Extract Labs, INC, in the condition it was received. Extract Labs, INC warrants that all analyses performed were done in a professional manner in accordance with all relevant standard laboratory practices and good manufacturing practices. Extract Labs, INC is currently in the process of obtaining ISO 17025 accreditation but has not yet been obtained. All data was generated using certified reference materials and NIST traceable reference standards. Report can only be reproduced with the written consent of Extract Labs, INC.





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

Product Specification

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

Product Information				
Product	Extra Strength Hemp Tincture			
Botanical name	Cannabis sativa 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			
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 t	to 1 year.			
Packaging				

Packaging

15ml - Gross weight 1.6oz (25.4g), net weight 0.5oz
30ml - Gross weight 2.6oz (74g), net weight 1oz
60ml - Gross weight 4.2 oz (121g), net weight 2oz
All 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

Original Hemp Tincture is certified Kosher by the Orthodox Union, UKD-ID: OUV3-DFMMSTR.

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 RosenblumTitle: Quality ManagerDate: August 3rd, 2020