EXTRACT LABS
ANALYTICAL SERVICES

CERTIFICATE OF ANALYSIS

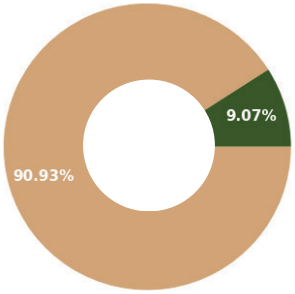
prepared for: Extract Labs
3620 Walnut St
Boulder, CO 80301

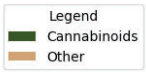
Relief Formula

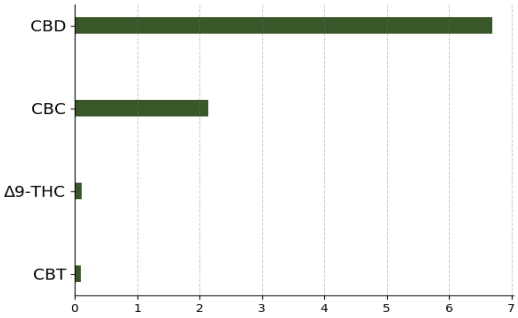
Batch ID:	21T9102309	**Received:**	09/27/2021	**Analysis:**	18 Cannabinoid Potency
image Type:	Tincture	**Analyzed:**	09/27/2021	**Method:**	2021.18P.01
		Test ID:	1575	**Equipment:**	UHPLC

CANNABINOID PROFILE

TOTAL CANNABINOID CONTENT







Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	4.29e-05	1.30e-04	6.70	66.98
Cannabigerol (CBG)	4.11e-05	1.25e-04	0.01	0.11
Δ9-Tetrahydrocannabinol (Δ9-THC)	7.72e-05	2.34e-04	0.12	1.15
Cannabacitran (CBT)	3.95e-05	1.20e-04	0.10	0.98
Cannabichromene (CBC)	6.99e-05	2.12e-04	2.15	21.47
Cannabinol (CBN)	3.93e-05	1.19e-04	ND	ND
Cannabicyclol (CBL)	4.58e-05	1.39e-04	ND	ND
Cannabicyclolic acid (CBLA)	4.00e-05	1.21e-04	ND	ND
Tetrahydrocannabivarin (THCV)	4.04e-05	1.23e-04	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	4.73e-05	1.43e-04	ND	ND
Cannabinolic (CBNA)	4.70e-05	1.42e-04	ND	ND
Tetrahydrocannabivarin Acid (THCVA)	3.66e-05	1.11e-04	ND	ND
Cannabigerolic acid (CBGA)	3.98e-05	1.21e-04	ND	ND
Cannabidiolic acid (CBDA)	4.15e-05	1.26e-04	ND	ND
Cannabidivarin (CBDV)	3.97e-05	1.20e-04	ND	ND
Tetrahydrocannabinolic Acid (THCA)	3.86e-05	1.17e-04	ND	ND
Cannabichromenic acid (CBCA)	3.99e-05	1.21e-04	ND	ND
Cannabidivarinic Acid (CBDVA)	3.99e-05	1.21e-04	ND	ND
Total Cannabinoid**			**9.07**	**90.69**
Total Potential THC*			**0.12**	**1.15**
Total Potential CBD*			**6.70**	**66.98**
Total Potential CBG*			**0.01**	**0.11**

** 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

Brian McCoy, Analytical Chemist 09/27/2021 01:40 PM	Logan Cline, Analytical Development Chemist 09/27/2021 01:50 PM	Madi Smith, Quality Analyst 09/27/2021 01:51 PM
ANALYZED BY/DATE	**AUTHORIZED BY/DATE**	**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 are in accordance with ISO/IEC 17025:2017. All data is generated using NIST traceable reference material and all reports are produced with the highest regard for scientific integrity. Reports can only be reproduced with the written consent of Extract Labs, INC.

1399 Horizon Ave. Lafayette, CO 80026

extractlabs.com | 303.927.6130

ACCREDITED
CERT #6019.01

EXTRACT LABS
ANALYTICAL SERVICES

CERTIFICATE OF ANALYSIS

prepared for: Extract Labs
3620 Walnut St
Boulder, CO 80301

Relief Formula

Batch ID:	21T9102309	**Received:**	09/27/2021	**Analysis:**	Residual Solvents
image Type:	Tincture	**Analyzed:**	09/28/2021	**Method:**	2021.RS.01
		Test ID:	1576	**Equipment:**	GCMS

RESIDUAL SOLVENTS

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

**ND = Below Reportable Range*

REMARKS

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

FINAL AUTHORIZATION

Brian McCoy, Analytical Chemist 09/28/2021 09:41 AM	Logan Cline, Analytical Development Chemist 09/28/2021 10:36 AM	Madi Smith, Quality Analyst 09/28/2021 12:10 PM
ANALYZED BY/DATE	**AUTHORIZED BY/DATE**	**RELEASED BY/DATE**

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CERT #6019.01

ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslabcannabis.com

License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Relief Formula 1800mgCBD:600mgCBC
Sample Matrix:
CBD/HEMP
Derivative Products
(Ingestion)

Certificate of Analysis

Compliance Test

Extract Labs
1399 Horizon Ave.
Lafayette, CO 80026

Batch # 21T9102309
Batch Date: 2021-09-24
Extracted From: Hemp

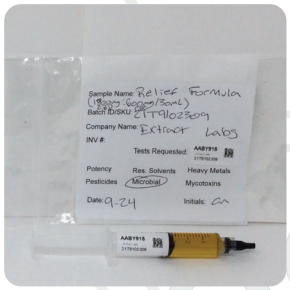
Test Reg State: Oregon

Production Facility: Extract Labs
Production Date: 2021-09-24

Order # EXT210924-020001
Order Date: 2021-09-24
Sample # AABY915

Sampling Date: 2021-09-28
Lab Batch Date: 2021-09-28
Completion Date: 2021-10-01

Initial Gross Weight: 18.816 g



Product Image

Microbiology (qPCR)
Passed

Potency Panel Not Included

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist

Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), *Total THC = THCA-A * 0.877 + Delta 9 THC, *Total THCV = THCV + (THCVA * 0.87) , *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Total CBC = CBC + (CBCA * 0.877), *Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, *Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + THCO-Acetate, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

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CLIA No. 10D1094068

Relief Formula 1800mgCBD:600mgCBC
Sample Matrix: CBD/HEMP Derivative Products (Ingestion)

Certificate of Analysis

Compliance Test

Extract Labs
1399 Horizon Ave.
Lafayette, CO 80026

Batch # 21T9102309
Batch Date: 2021-09-24
Extracted From: Hemp

Test Reg State: Oregon

Production Facility: Extract Labs
Production Date: 2021-09-24

Order # EXT210924-020001
Order Date: 2021-09-24
Sample # AABY915

Sampling Date: 2021-09-28
Lab Batch Date: 2021-09-28
Completion Date: 2021-10-01

Initial Gross Weight: 18.816 g

Microbiology (qPCR)

Passed
(qPCR)

Specimen Weight: 275.000 mg

Dilution Factor: 1.000

Analyte	Result	Analyte	Result
Total Aerobic Count	Passed	Total Coliform	Passed
Total Enterobacteriaceae	Passed	Total Yeast/Mold	Passed

Xueli Gao, Ph.D., DABT — Lab Toxicologist

Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), *Total THC = THCA-A * 0.877 + Delta 9 THC, *Total THCV = THCV + (THCVA * 0.87) , *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Total CBC = CBC + (CBCA * 0.877), *Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, *Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + THCO-Acetate, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

EXTRACT LABS
AMERICAN HEMP

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

Product Specification

Relief Formula Hemp Tincture 600mg CBC:1800mg CBD

Product Information

Product	Relief Formula CBC 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 medium amber oil liquid
Aroma	Typical
Taste	Characteristic

Physical Characteristics

Cannabidiol Content (CBD):	>1800mg
Cannabinol (CBN):	>600mg
Tetrahydrocannabinol Content (THC):	<0.3%

Shelf Life

Shelf life in original glass bottle for up to 2 years.

Packaging

30ml in clear glass dropper bottles
Larger quantities by arrangement

Recommended Storage Conditions

Store at ambient conditions in airtight container.

Kosher Certification

Relief Formula CBC Tincture is certified Kosher by the Orthodox Union.

GMP Certification

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

Vegan Certification

Relief Formula CBC 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: Nick Peters Title: Quality Manager Date: October 10, 2021