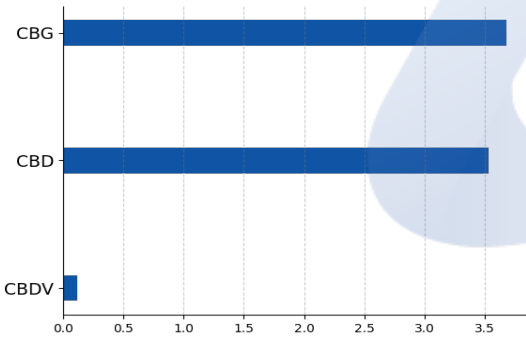
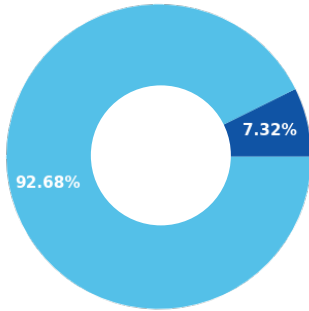


Cognitive Support Broad Spectrum

Batch ID:	22T7100205	Received:	06/21/2022	Analysis:	18 Cannabinoid Potency
Sample Type:	Tincture	Analyzed:	06/28/2022	Method:	2021.18P.01
		Test ID:	4209	Equipment:	UHPLC

CANNABINOID PROFILE
TOTAL CANNABINOID CONTENT


Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	4.29e-05	1.30e-04	3.53 ± 0.095	35.27
Cannabigerol (CBG)	4.11e-05	1.25e-04	3.68 ± 0.099	36.82
Δ9-Tetrahydrocannabinol (Δ9-THC)	7.72e-05	2.34e-04	ND	ND
Cannabicitran (CBT)	3.95e-05	1.20e-04	ND	ND
Cannabichromene (CBC)	6.99e-05	2.12e-04	ND	ND
Cannabinol (CBN)	3.93e-05	1.19e-04	ND	ND
Cannabicyclol (CBL)	4.58e-05	1.39e-04	ND	ND
Cannabicyclolol acid (CBLA)	4.00e-05	1.21e-04	ND	ND
Tetrahydrocannavarin (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
Tetrahydrocannavarin 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	0.11 ± 0.0031	1.14
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**			7.32	73.23
Total Potential THC*			ND	ND
Total Potential CBD*			3.53 ± 0.095	35.27
Total Potential CBG*			3.68 ± 0.099	36.82

* 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


Alex Bujanow, Microbiologist
06/28/2022 10:48 AM

ANALYZED BY/DATE



Logan Cline, Director of Analytical Development
06/28/2022 03:10 PM

AUTHORIZED BY/DATE



John Reser, Quality Analyst
06/28/2022 03:18 PM

RELEASED BY/DATE

Laboratory results are based on the sample submitted to Minova Laboratories in the condition it was received. Minova Laboratories 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 Minova Laboratories.

Cognitive Support Broad Spectrum Tincture

Batch ID:	22T7100205	Received:	05/18/2022	Analysis:	Residual Solvents
Sample Type:	Tincture	Analyzed:	05/25/2022	Method:	2021.RS.01
		Test ID:	3798	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
 05/25/2022 04:08 PM

ANALYZED BY/DATE


 Logan Cline, Director of Analytical Development
 05/25/2022 05:11 PM

AUTHORIZED BY/DATE


 John Reser, Quality Analyst
 05/25/2022 05:13 PM

RELEASED BY/DATE

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Cognitive Support Broad Spectrum Tincture

Batch ID:	22T7100205	Received:	05/18/2022	Analysis:	Quantitative Microbial Panel - CO Compliance
Sample Type:	Tincture	Analyzed:	05/27/2022	Method:	2022.QMP.01
		Test ID:	3799	Equipment:	qPCR + Culture Plating

QUANTITATIVE MICROBIAL PANEL - CO COMPLIANCE

CONTAMINANT	METHOD	LOD	QUANTITATIVE RANGE	RESULT
Total Yeast and Mold	Culture Plating	1.0E+02	1.0E+03-1.0E+05	ND
Total Aerobic Plate Count	Culture Plating	1.0E+03	1.0E+04-1.0E+06	ND
Total Coliforms	Culture Plating	1.0E+02	1.0E+02-1.0E+04	ND
Salmonella	qPCR	1.0E+00	Not Applicable	Absent
E.coli (STEC)	qPCR	1.0E+00	Not Applicable	Absent

***This method is not covered under the current A2LA and CDPHE scope and is pending accreditation.*

All numerical values indicated above are reported in CFU/g.

Limit of Detection (LOD) is the lowest detectable limit of qPCR.

Quantitative Range is the LLOQ and ULOQ from plating, where quantitative results are derived.

Any value above the ULOQ will be reported as too numerous to count (TNTC). Any value below the LLOQ will be reported as below LOQ.

Values are expressed in scientific notation.

Example: 1.0E+03 = 1,000 CFU

REMARKS
FINAL AUTHORIZATION


 Alex Bujanow, Microbiologist
 05/27/2022 04:37 PM

ANALYZED BY/DATE


 Logan Cline, Director of Analytical Development
 05/27/2022 04:53 PM

AUTHORIZED BY/DATE


 John Reser, Quality Analyst
 05/27/2022 04:57 PM

RELEASED BY/DATE

Laboratory results are based on the sample submitted to Minova Laboratories in the condition it was received. Minova Laboratories 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 Minova Laboratories.



EXTRACT LABS
AMERICAN HEMP

1399 Horizon Ave.,
Lafayette, CO 80026
(303) 927-6130

Product Specification

Cognitive Support Broad Spectrum

Product Information

Product	Cognitive Support Broad Spectrum 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 Broad Spectrum Hemp Oil

Organoleptic Description

Appearance	Light to dark amber oil liquid
Aroma	Typical
Taste	Characteristic

Physical Characteristics

Cannabidiol Content (CBD):	>1,000mg
Cannabigerol Content (CBG):	>1,000mg
Tetrahydrocannabinol Content (THC):	= 0.0%

Shelf Life

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

Contamination

Salmonella:	Absent
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Packaging

30ml - Gross weight 2.6oz (74g), net weight 1oz
All packaged in opaque white glass dropper bottles, Secondary packaging in cardboard boxes.
Larger quantities by arrangement

Recommended Storage Conditions

Store at ambient conditions in airtight container.

Kosher Certification

Cognitive Support Broad Spectrum Tincture is certified Kosher by the Orthodox Union, UKD-ID: OUV3-PNSR80K.

GMP Certification

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

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

Name: Nick Peters

Title: Quality Manager

Date: March 8, 2022

Version: 1.1

Version Date: 3/8/2022