CERTIFICATE OF ANALYSIS

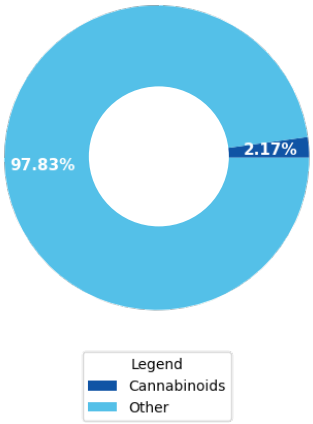
prepared for: Higher Love Wellness
8547 E Arapahoe Road
Centennial, CO 80112

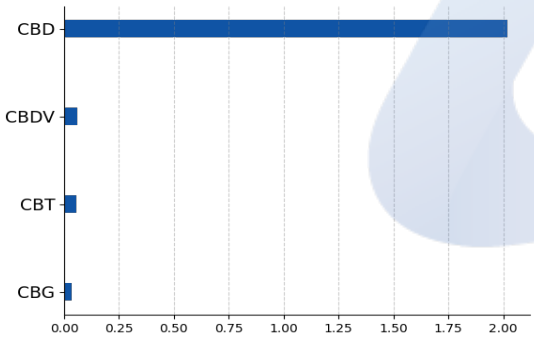
Broad Spectrum Blueberry Tincture

Batch ID:	22HLW1032207	**Received:**	07/27/2022	**Analysis:**	15 Cannabinoid Potency
Sample Type:	Tincture	**Analyzed:**	07/29/2022	**Method:**	2021.15P.01
		Test ID:	4560	**Equipment:**	HPLC

CANNABINOID PROFILE

TOTAL CANNABINOID CONTENT





Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	5.90e-05	1.80e-04	2.02 ± 0.055	20.21
Cannabigerol (CBG)	5.20e-05	1.60e-04	0.04 ± 0.00097	0.36
Δ9-Tetrahydrocannabinol (Δ9-THC)	4.90e-05	1.50e-04	ND	ND
Cannabacitran (CBT)	5.20e-05	1.60e-04	0.06 ± 0.0015	0.56
Cannabichromene (CBC)	3.90e-05	1.20e-04	ND	ND
Cannabinol (CBN)	5.00e-05	1.50e-04	ND	ND
Cannabicyclol (CBL)	2.50e-05	7.60e-05	ND	ND
Tetrahydrocannabivarin (THCV)	3.70e-05	1.10e-04	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	6.20e-05	1.90e-04	ND	ND
Tetrahydrocannabivarin Acid (THCVA)	3.80e-05	1.20e-04	ND	ND
Cannabigerolic acid (CBGA)	1.10e-04	3.40e-04	ND	ND
Cannabidiolic acid (CBDA)	9.60e-05	2.90e-04	ND	ND
Cannabidivarin (CBDV)	2.90e-05	8.80e-05	0.06 ± 0.0016	0.59
Tetrahydrocannabinolic Acid (THCA)	1.70e-04	5.10e-04	ND	ND
Cannabidivarinic Acid (CBDVA)	3.10e-05	9.50e-05	ND	ND
Total Cannabinoid**			2.17	21.72
Total Potential THC*			ND	ND
Total Potential CBD*			2.02 ± 0.055	20.21
Total Potential CBG*			0.04 ± 0.00097	0.36

** 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

Katie Little, Analytical Scientist 07/29/2022 11:28 AM	Logan Cline, Director of Analytical Development 07/29/2022 12:17 PM	John Reser, Quality Analyst 07/29/2022 12:20 PM
ANALYZED BY/DATE	**AUTHORIZED BY/DATE**	**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.

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ACCREDITED CERT #6019.01

CERTIFICATE OF ANALYSIS

prepared for: Higher Love Wellness
8547 E Arapahoe Road
Centennial, CO 80112

Broad Spectrum Blueberry Tincture

Batch ID:	22HLW1032207	**Received:**	07/27/2022	**Analysis:**	Residual Solvents
Sample Type:	Tincture	**Analyzed:**	08/10/2022	**Method:**	2021.RS.01
		Test ID:	4562	**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

Katie Little, Analytical Scientist 08/10/2022 02:03 PM	Logan Cline, Director of Analytical Development 08/10/2022 03:15 PM	John Reser, Quality Analyst 08/10/2022 03:17 PM
ANALYZED BY/DATE	**AUTHORIZED BY/DATE**	**RELEASED BY/DATE**

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ACCREDITED CERT #6019.01

CERTIFICATE OF ANALYSIS

prepared for: Higher Love Wellness
8547 E Arapahoe Road
Centennial, CO 80112

Broad Spectrum Blueberry Tincture

Batch ID:	22HLW1032207	**Received:**	07/27/2022	**Analysis:**	Quantitative Microbial Panel - CO Compliance
Sample Type:	Tincture	**Analyzed:**	08/05/2022	**Method:**	2022.QMP.01
		Test ID:	4561	**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 quatitative 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 08/05/2022 02:39 PM	Logan Cline, Director of Analytical Development 08/05/2022 02:48 PM	John Reser, Quality Analyst 08/05/2022 04:20 PM
ANALYZED BY/DATE	**AUTHORIZED BY/DATE**	**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.