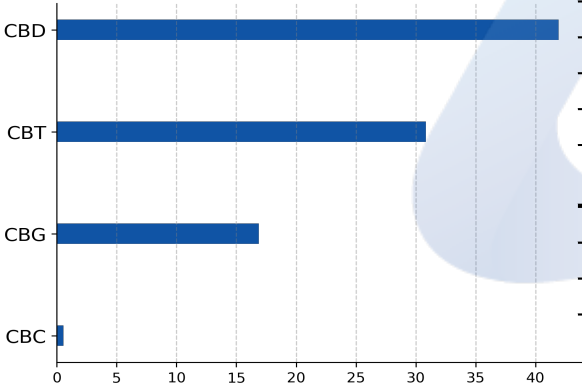
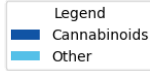
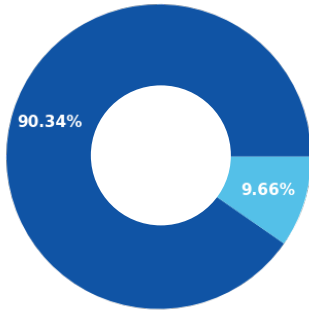


CBD Blueberry Tank

Batch ID:	22HLW4021612	Received:	12/16/2022	Analysis:	18 Cannabinoid Potency
Sample Type:	Concentrate	Analyzed:	12/21/2022	Method:	2021.18P.01
		Test ID:	5822	Equipment:	UHPLC

CANNABINOID PROFILE
TOTAL CANNABINOID CONTENT


Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	8.07e-02	2.44e-01	41.92 ± 1.1	419.21
Cannabigerol (CBG)	5.49e-02	1.67e-01	16.88 ± 0.46	168.79
Δ9-Tetrahydrocannabinol (Δ9-THC)	5.32e-02	8.06e-02	ND	ND
Cannabicitran (CBT)	4.08e-02	1.24e-01	30.83 ± 0.83	308.35
Cannabichromene (CBC)	4.20e-02	1.27e-01	0.55 ± 0.015	5.50
Cannabinol (CBN)	3.15e-02	9.56e-02	ND	ND
Cannabicyclol (CBL)	7.40e-02	2.24e-01	ND	ND
Cannabicyclic acid (CBLA)	2.31e-02	7.01e-02	ND	ND
Tetrahydrocannabivarin (THCV)	8.03e-02	2.43e-01	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	7.84e-02	2.37e-01	ND	ND
Cannabinolic (CBNA)	1.32e-01	4.01e-01	ND	ND
Tetrahydrocannabivarin Acid (THCVA)	4.91e-02	1.49e-01	ND	ND
Cannabigerolic acid (CBGA)	6.76e-02	2.05e-01	ND	ND
Cannabidiolic acid (CBDA)	4.55e-02	1.38e-01	ND	ND
Cannabidivarin (CBDV)	4.03e-02	1.22e-01	0.16 ± 0.0043	1.60
Tetrahydrocannabinolic Acid (THCA)	7.83e-02	2.37e-01	ND	ND
Cannabichromenic acid (CBCA)	1.26e-01	3.83e-01	ND	ND
Cannabidivarinic Acid (CBDVA)	4.27e-02	1.30e-01	ND	ND
Total Cannabinoid**			90.34	903.44
Total Potential THC*			ND	ND
Total Potential CBD*			41.92 ± 1.1	419.21
Total Potential CBG*			16.88 ± 0.46	168.79

* 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 12:10 PM	Alex Bujanow, Microbiologist 12/21/2022 03:47 PM	Logan Cline, Director of Analytical Development 12/21/2022 08:32 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.

CBD Blueberry Tank

Batch ID:	22HLW4021612	Received:	12/16/2022	Analysis:	Residual Solvents
Sample Type:	Concentrate	Analyzed:	12/21/2022	Method:	2021.RS.01
		Test ID:	5823	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 12:42 PM	Alex Bujanow, Microbiologist 12/21/2022 03:47 PM	Logan Cline, Director of Analytical Development 12/21/2022 08:32 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.