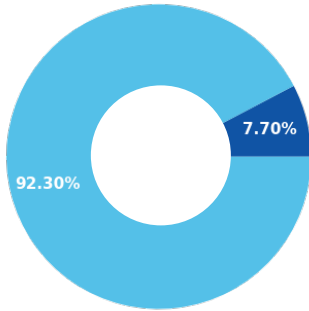
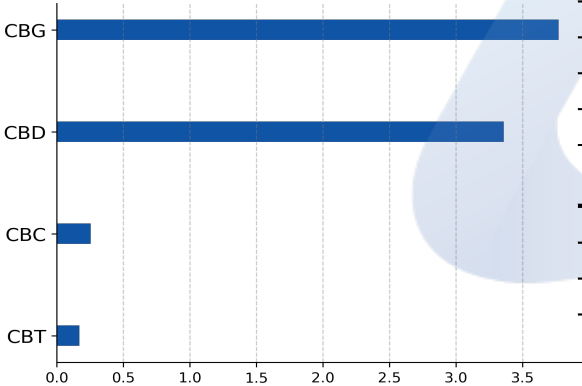


Cognitive Support Softgels

Batch ID:	23G4011601	Received:	01/17/2023	Analysis:	18 Cannabinoid Potency
Sample Type:	Soft Gel/Capsule	Analyzed:	01/19/2023	Method:	2021.18P.01
		Test ID:	6088	Equipment:	UHPLC

CANNABINOID PROFILE
TOTAL CANNABINOID CONTENT


Legend
 ■ Cannabinoids
 ■ Other



Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	1.01e-02	3.06e-02	3.36 ± 0.091	33.57
Cannabigerol (CBG)	6.90e-03	2.08e-02	3.77 ± 0.10	37.70
Δ9-Tetrahydrocannabinol (Δ9-THC)	6.70e-03	1.01e-02	0.12 ± 0.0033	1.21
Cannabicitran (CBT)	5.10e-03	1.55e-02	0.17 ± 0.0046	1.69
Cannabichromene (CBC)	5.30e-03	1.59e-02	0.26 ± 0.0069	2.55
Cannabinol (CBN)	3.90e-03	1.19e-02	0.03 ± 0.00070	0.26
Cannabicyclol (CBL)	9.30e-03	2.80e-02	< LOQ	< LOQ
Cannabicyclic acid (CBLA)	2.90e-03	8.80e-03	ND	ND
Tetrahydrocannabivarin (THCV)	1.00e-02	3.04e-02	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	9.80e-03	2.97e-02	ND	ND
Cannabinolic (CBNA)	1.66e-02	5.02e-02	ND	ND
Tetrahydrocannabivarin Acid (THCVA)	6.10e-03	1.86e-02	ND	ND
Cannabigerolic acid (CBGA)	8.40e-03	2.56e-02	ND	ND
Cannabidiolic acid (CBDA)	5.70e-03	1.72e-02	ND	ND
Cannabidivarin (CBDV)	5.00e-03	1.53e-02	< LOQ	< LOQ
Tetrahydrocannabinolic Acid (THCA)	9.80e-03	2.97e-02	ND	ND
Cannabichromenic acid (CBCA)	1.58e-02	4.78e-02	ND	ND
Cannabidivarinic Acid (CBDVA)	5.30e-03	1.62e-02	< LOD	< LOD
Total Cannabinoid**			7.70	76.99
Total Potential THC*			0.12 ± 0.0033	1.21
Total Potential CBD*			3.36 ± 0.091	33.57
Total Potential CBG*			3.77 ± 0.10	37.70

* 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))

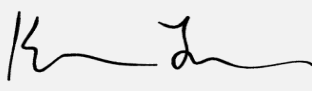


** Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

% = % (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 09:45 AM	Logan Cline, Director of Analytical Development 01/19/2023 10:00 AM	John Reser, Quality Analyst 01/19/2023 10:09 AM
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.