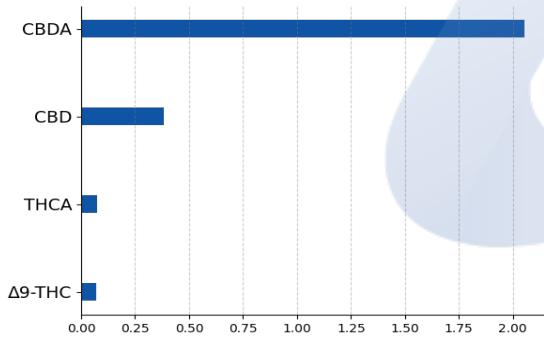
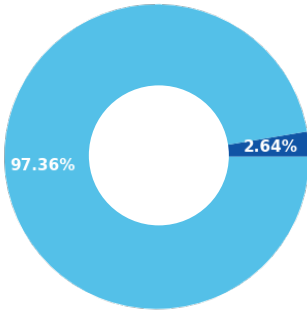


**500mg CBDa Tincture**

<b>Batch ID:</b>	F2AOLAT	<b>Received:</b>	06/06/2022	<b>Analysis:</b>	15 Cannabinoid Potency
<b>Sample Type:</b>	Tincture	<b>Analyzed:</b>	06/14/2022	<b>Method:</b>	2021.15P.01
		<b>Test ID:</b>	4040	<b>Equipment:</b>	HPLC

**CANNABINOID PROFILE**
**TOTAL CANNABINOID CONTENT**


Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	5.90e-05	1.80e-04	0.38 ± 0.010	3.83
Cannabigerol (CBG)	5.20e-05	1.60e-04	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THC)	4.90e-05	1.50e-04	0.07 ± 0.0019	0.70
Cannabicitran (CBT)	5.20e-05	1.60e-04	ND	ND
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	0.06 ± 0.0017	0.64
Cannabidiolic acid (CBDa)	9.60e-05	2.90e-04	2.05 ± 0.055	20.55
Cannabidivarin (CBDV)	2.90e-05	8.80e-05	ND	ND
Tetrahydrocannabinolic Acid (THCA)	1.70e-04	5.10e-04	0.07 ± 0.0019	0.72
Cannabidivarinic Acid (CBDVA)	3.10e-05	9.50e-05	ND	ND
<b>Total Cannabinoid**</b>			<b>2.64</b>	<b>26.44</b>
<b>Total Potential THC*</b>			<b>0.13 ± 0.0036</b>	<b>1.33</b>
<b>Total Potential CBD*</b>			<b>2.19 ± 0.059</b>	<b>21.85</b>
<b>Total Potential CBG*</b>			<b>0.06 ± 0.0015</b>	<b>0.56</b>

\* 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. Total MG Content of CBDa is 616.5 mg per 30 mL.

**FINAL AUTHORIZATION**


Alex Bujanow, Microbiologist  
06/14/2022 03:32 PM

**ANALYZED BY/DATE**



Logan Cline, Director of Analytical Development  
06/14/2022 04:14 PM

**AUTHORIZED BY/DATE**



John Reser, Quality Analyst  
06/14/2022 04:23 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.