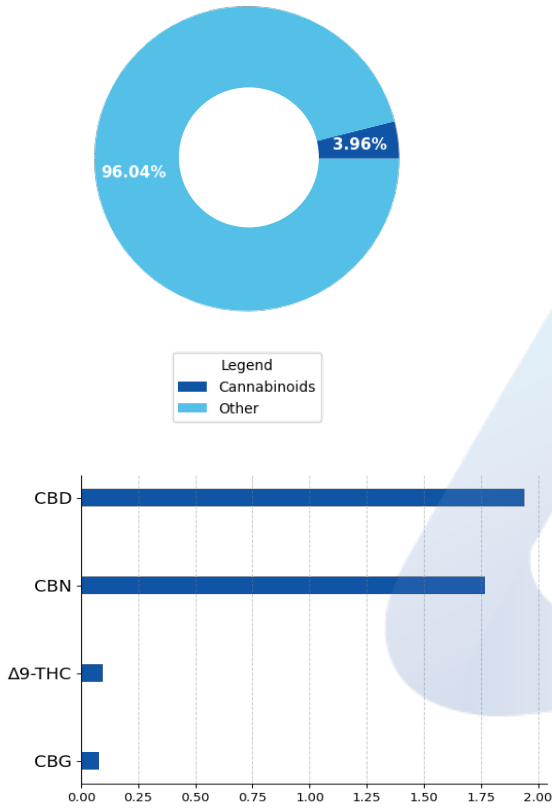


**1000mg CBN:CBD Sleep Blend**

<b>Batch ID:</b>	G2AFADV, G2BFADV	<b>Received:</b>	07/12/2022	<b>Analysis:</b>	15 Cannabinoid Potency
<b>Sample Type:</b>	Tincture	<b>Analyzed:</b>	07/18/2022	<b>Method:</b>	2021.15P.01
		<b>Test ID:</b>	4347	<b>Equipment:</b>	HPLC

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


Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	5.90e-05	1.80e-04	1.94 ± 0.052	19.41
Cannabigerol (CBG)	5.20e-05	1.60e-04	0.08 ± 0.0021	0.77
Δ9-Tetrahydrocannabinol (Δ9-THC)	4.90e-05	1.50e-04	0.10 ± 0.0026	0.96
Cannabicitran (CBT)	5.20e-05	1.60e-04	ND	ND
Cannabichromene (CBC)	3.90e-05	1.20e-04	0.08 ± 0.0020	0.76
Cannabinol (CBN)	5.00e-05	1.50e-04	1.77 ± 0.048	17.66
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	ND	ND
Tetrahydrocannabinolic Acid (THCA)	1.70e-04	5.10e-04	ND	ND
Cannabidivarinic Acid (CBDVA)	3.10e-05	9.50e-05	ND	ND
<b>Total Cannabinoid**</b>			<b>3.96</b>	<b>39.55</b>
<b>Total Potential THC*</b>			<b>0.10 ± 0.0026</b>	<b>0.96</b>
<b>Total Potential CBD*</b>			<b>1.94 ± 0.052</b>	<b>19.41</b>
<b>Total Potential CBG*</b>			<b>0.08 ± 0.0021</b>	<b>0.77</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 CBD per 30mL bottle = 582.3. Total MG content of CBN per 30 mL bottle = 529.8. Total Mg Content of CBD per 5mL bottle = 97.05. Total Mg content of CBN per 5mL bottle = 88.3.

**FINAL AUTHORIZATION**


 Alex Bujanow, Microbiologist  
 07/18/2022 12:31 PM

**ANALYZED BY/DATE**


 Logan Cline, Director of Analytical Development  
 07/18/2022 01:03 PM

**AUTHORIZED BY/DATE**


 John Reser, Quality Analyst  
 07/18/2022 01:14 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.