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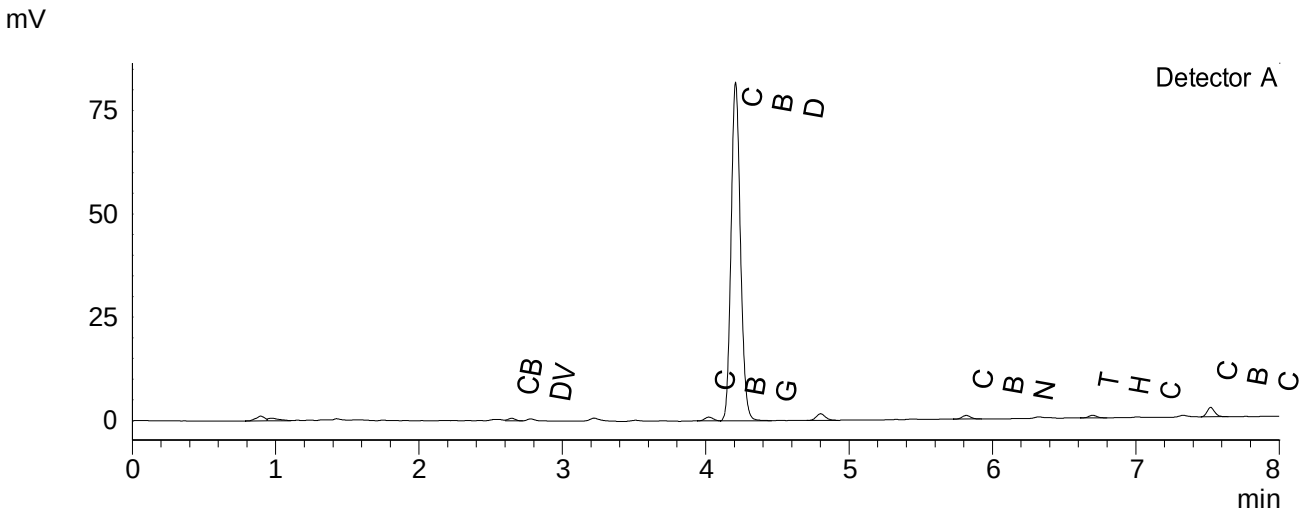
CERTIFICATE OF ANALYSIS

Chromatogram



Quantitative Results

Detector A

Compound Name	Concentration, %
CBDV	0.099
CBDA	--
CBGA	--
CBG	0.241
CBD	20.541
THCV	--
CBN	0.095
THC	0.117
CBC	0.413
THCA-A	--
CBL	--
CBDVA	--
CBDB	--

Sample information

Sample name: Hemp Drops 2000mg CBD DC
Batch number: C220414-7
Sample number: M1424
Date of Analysis 2022 04 21

Summary

Total CBD	**20.54**	**%**
Total CBD	**205.41**	**mg/g**

Instrumental and analytical conditions:

Sample preparation: 0.1 g of sample material was disolved in 10 mL of HPLC grade methanol. The solution was vortexed and centrifuged. Then the solution was dilluted to a final concentration. Quantification of cannabinoids was performed using standard calibration curve method. Equipment: Quantitative analysis was performed using Shimadzu Cannabis Analyzer for Potency an integrated HPLC system with built-in sample cooler, degasser, autoinjector and UV detector. NexLeaf CBX for Potency, 2.7 µm, 4.6 x 150 mm collumn coupled with NexLeaf CBXGuard collumn was eluted by using a mixture of mobile phase A (0.085 % phosphoric acid in water) and mobile phase B (0.085% phosphoric acid in Acetonitrile) with a flow rate of 1.6 mL/min at 35°C. Sample injection volume was set to 5 µL. Gradient program used - 70 % B for 3 min, 70-85 % B over 4 min, 85-95 % B over 0.01 min; 95% B for 0.99 min; 95-70% B over 0.01 min; 70% B for 1.99min. Data was analyzed using Shimadzu LabSolutions software.

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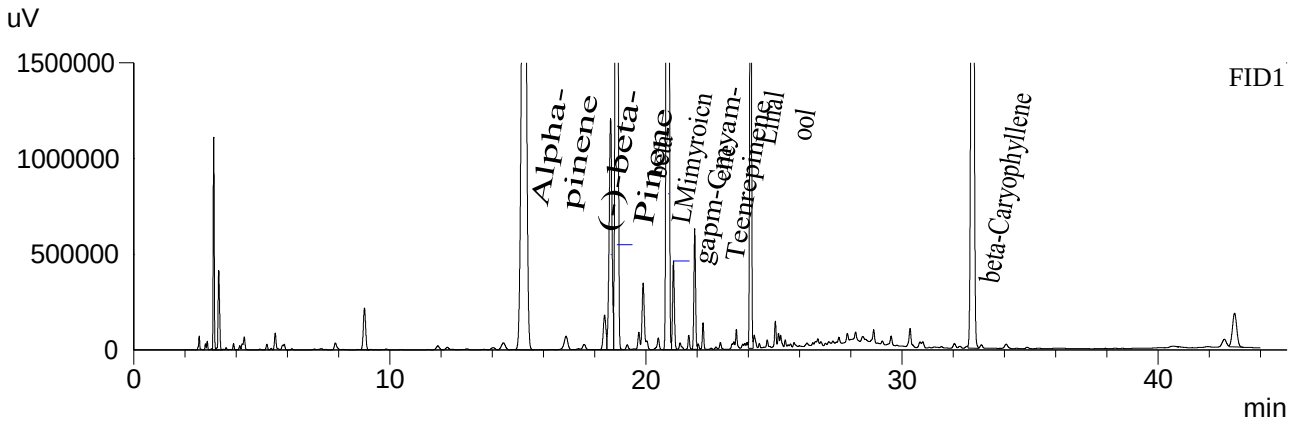
CERTIFICATE OF ANALYSIS

Chromatogram



Quantitative Results

FID1

Compound Name	Concentration, %
Alpha-pinene	0.321
Camphene	--
(-)-beta-Pinene	0.057
beta-Myricene	0.290
delta-3-carene	--
alpha-Terpinene	--
Limonene	0.532
p-Cymene	0.001
Ocimene	--
gamma-Terpinene	0.006
Terpinolene	--
Linalool	0.097
(-)-Isopulegol	--
Geraniol	--
beta-Caryophyllene	0.287
alpha-Humulene	--
Nerolidol	--
(-)-Guaiol	--
(-)-alpha-Bisabolol	--

Sample information

Batch number: C220414-7

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