



HPLC Analysis Report

Cannabinoid Profile Certificate of Analysis

Client: CBDHE Date Received: 10-30-2020
 Sample Name: 1,000mg CBD (HS) Mint Date Tested: 10-30-2020
 Sample Matrix: Tincture APRC #: NN201030D
 Sample Lot: 20472 Contact: info@cbd hempexperts.com

ID#	Cannabinoid	Ret. Time	Conc. (µg/mL)	% (w/w)	mg/g
1	Cannabidivarin (CBDV)	2.160	3.738	0.03	0.27
2	Cannabidiolic acid (CBDA)	INT	INT	N/A	N/A
3	Cannabigerolic acid (CBGA)	<LOQ	<LOQ	N/A	N/A
4	Cannabigerol (CBG)	3.012	7.206	0.05	0.53
5	Cannabidiol (CBD)	3.170	504.500	3.70	36.96
6	Tetrahydrocannabivarin (THCV)	<LOQ	<LOQ	N/A	N/A
7	Cannabinol (CBN)	4.666	14.798	0.11	1.08
8	Δ9-Tetrahydrocannabinol (Δ9-THC)	ND	ND	N/A	N/A
9	Δ8-Tetrahydrocannabinol (Δ8-THC)	INT	INT	N/A	N/A
10	Cannabichromene (CBC)	7.336	21.500	0.16	1.58
11	Δ9-Tetrahydrocannabinolic acid (THCA-A)	ND	ND	N/A	N/A

		%	mg/g
Analyzed by: <u>A. Anderson</u>	Total Cannabinoids	4.04	40.42
	Total THC [†]	ND	ND
Reviewed by: <u>C. Gunn</u>	Total CBD [‡]	3.70	36.96

[†] Total THC is calculated by Δ9-THC +(THCA-A*0.877)

[‡] Total CBD is calculated by CBD +(CBDA*0.877)

Notes: CBDA and Δ8-THC could not be determined due to interfering substances.