



HEMP SPECTRUM  
DISTILLERY

HEMP Spectrum Distillery Sp. z o.o.  
Warszawska 58,  
16-070 Choroszcz  
Tax Identification Number: 9662152707  
[biuro@hemppectrumdistillery.com](mailto:biuro@hemppectrumdistillery.com)  
phone: +48 534 600 445

Choroszcz, 20.07.2023

## Report No. 028/23

<b>The basis for testing</b> Control test.	<b>Subject of research</b> Dry hemp/oil		
Quality control	CBD Oils		
<b>Supplier:</b>	Hemp Spectrum Distillery		
<b>Delivery number:</b>	-		
<b>Batch number:</b>	1011		
<b>Place of sampling</b>	<b>Date of sampling</b>	<b>Date of delivery of samples</b>	<b>End date of the analysis</b>
HSD-LAB	19.07.2023	-	19.07.2023
<b>Comments</b>	Test in accordance with procedure LAB/B/02 ed. 1 of 1.03.2022 method: HPLC-DAD Method HSD_2022		

Lp.	Determination of the sample	Determination of the sample by the laboratory
1.	Hemp Spectrum ENERGY Oil „Rise&Shine” 2500 mg of CBD, 300 mg of CBC	RS2500 19.07. 3

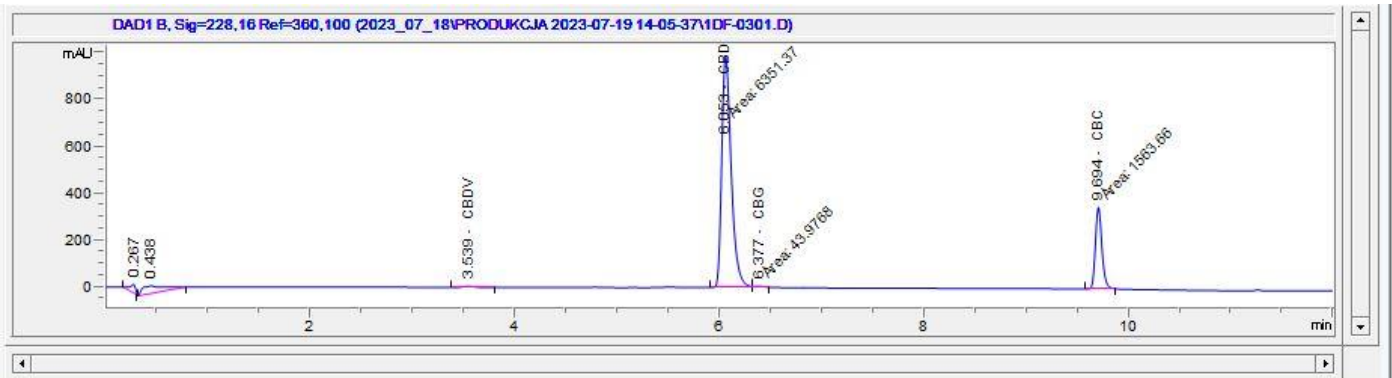
No.	Sample code	Indication	Method	Result [% m/m]
1.	RS2500 19.07. 3	CBD	HSD_2022	25,52
		CBDA	HSD_2022	-
		CBDV	HSD_2022	0,13
		CBG	HSD_2022	0,17
		CBGA	HSD_2022	-
		CBN	HSD_2022	-
		CBC	HSD_2022	3,02
		THCA	HSD_2022	-
		THC	HSD_2022	-
		<b>Sum of cannabinoids</b>	Theoretical calculations	28,84
		<b>Total CBD</b>	Theoretical calculations (CBD+0.877*CBDA)	25,52
		<b>Total THC</b>	Theoretical calculations (THC+0.877*THCA)	-



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File Information		Peak Data						
LC-File	1DF-0301.D	#	Time	Area	Height	Width	Area%	Symmetry
File Path	C:\CHEM32\1\DATA\2023_07_18\PRODUKCJA 2023-07-19 14-06-19\1DF-0301.D	1	0.267	138.3	37.8	0.0527	1.600	1.617
Date	19-Jul-23, 14:39:06	2	0.438	510.5	33.8	0.188	5.908	0.614
Sample	RS2500 19.07. 3	3	3.539	33.9	5.1	0.102	0.392	0.739
Sample Info		4	6.053	6351.4	985.7	0.1074	73.497	0.664
Barcode		5	6.377	44	6.3	0.1159	0.509	0.659
Operator	SYSTEM	6	9.694	1563.7	349.9	0.0745	18.094	0.813
Method	HSD_2022.M							
Reference								
Analysis Time	12 min							
Sampling Rate	0.0067 min (0.402 sec), 1801 datapoints							

<b>Prepared by:</b> Diana M. Bobrowska <i>Chief Technologist</i>	<b>Approved:</b> Diana M. Bobrowska <i>Chief Technologist</i>