



## **CERTIFICATE OF ANALYSIS No.: 2023-11129**

## **CLIENT**

Pharmahemp d.o.o., Cesta v Gorice 8 1000 Ljubljana, Slovenija

## SAMPLE \*

PharmaHemp® Crystalline CBN powder





CANNARINOID PROFILE		Concent	ration	(panded	Graphic presentation of r		
	* Information provided	by the client.					
	Batch No.: *	CN90022139A	Method SOP:	MET-LAB-003-	-02	Analyst:	Domen Lavriha
	Sample type:	Crystal	Method ID:	PHL_RPC_160	C	End of analysis:	30/01/2023
	Sample ID:	2303098	Analysis ID:	2023_016		Start of analysis:	27/01/2023
	Sample condition:	SUITABLE	Work order:	2023-107244		Sample received:	20/01/2023

CANNABINOID PROFILE		Concentration [% w/w]	Expanded uncertainty [% w/w]	Graphic presentation of relative cannabinoid concentration
CBDV	- Cannabidivarin	< LOQ	n/a	
CBDA	- Cannabidiolic acid	< LOQ	n/a	
CBGA	- Cannabigerolic acid	< LOQ	n/a	
CBG	- Cannabigerol	0.0301	0.0090	<u> </u>
CBD	- Cannabidiol	< LOQ	n/a	
THCV	- Tetrahydrocannabivarin	< LOQ	n/a	
CBN	- Cannabinol	99.1	5.0	
Δ <sup>9</sup> -THC	- Δ-9-Tetrahydrocannabinol	< LOQ	n/a	
Δ <sup>8</sup> -THC	- Δ-8-Tetrahydrocannabinol	< LOQ	n/a	
CBL	- Cannabicyclol	< LOQ	n/a	
CBC	- Cannabichromene	< LOQ	n/a	
Δ <sup>9</sup> -THCA	- Δ-9-Tetrahydrocannabinolic acid	< LOQ	n/a	
CBE	- Cannabielsoin	0.062#	0.017	
CBV	- Cannabivarin	0.103#	0.018	
CBCA	- Cannabichromenic acid	< LOQ #	n/a	
CBT	- Cannabicitran	< LOQ #	n/a	

 $\underline{\text{Units and abbreviations}} \text{: } \% \text{ w/w} = \text{weight percent, } < \textbf{LOQ} = \text{below the limit of quantitation (0.03 \% w/w), } \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not available.} \\ \textbf{ND} = \text{not detected, } \textbf{n/a} = \text{not av$ 

The results given herein apply only to the sample as received and tested. **Expanded Uncertainty** was calculated using coverage factor k = 2, corresponding to a double standard uncertainty and characterizes the interval value in which it is possible to expect the real value with a probability of 95%. This is stated according to the ISO/IEC Guide 98-3.

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30/01/2023	Aley	Jany Pate
	mag. Janja Ahej	dr. Boštjan Jančar
	Analytical Laboratory Manager	Chief Technology Officer
End of Certificate		