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PRODUCT NAME	20% CBD, BS in hemp seed oil
BATCH NUMBER	12521121
DATE OF PRODUCTION	11/15/2021
DATE OF ANALYSIS	11/15/2021

## CERTIFICATE of analysis

PARAMETER MEASURED	APPERANCE	COLOUR	DENSITY AT 25°C	SMELL
REFERENCE VALUE	liquid	olive-brownish	0,930 – 0,945 g/ml at 25°C	characteristic
RESULT	conform	conform	0.953	conform

## **HPLC** Results:

Abbreviation	Full name	%
CBD	Cannabidiol	20.10
CBDA	Cannabidiolic Acid	0.02
CBG	Cannabigerol	0.36
CBDV	Cannabidivarin	0.19
THCV	Tetrahydrocannabidivarin	0.02
CBDVA	Cannabidivarinic Acid	0.01
THCVA	Tetrahydrocannabidivarinic acid	<0,01
CBN	Cannabinol	0.02
THCA	Tetrahydrocannabinolic acid	ND
CBC	Cannabichromene	<0,01
CBCA	Cannabichromene acid	ND
Δ9 - THC	Δ9 - Tetrahydrocannabinol	<0,01
CBGA	Cannabigerolic acid	ND
CBL	Cannabicyclol	<0,01

Concentrations of acidic forms of cannabinoids have been multiplied by 0,877 factor

Dr Daria Kepińska Kierownik Labolatorium Joanna Przychodzień Specjaliwa ds. Analityki

<sup>\*</sup>The analysis results were obtained by in-house validated method with the use of certified reference standard compounds at known concentrations