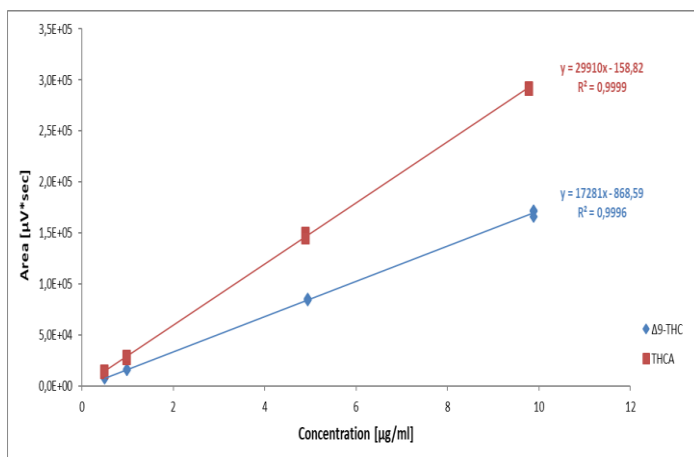
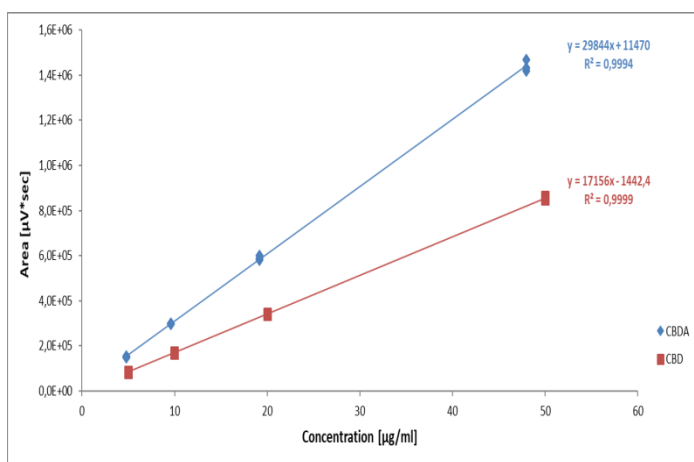


## QUALITY CERTIFICATE 32/2020

Type of sample: Raspberry seed oil  
Sample name /Batch: B:28/01/2020 (A.R.) 21% CBD 2,3% CBG 2% CBC  
Client's name: A-SENSE Sp. z o. o.  
No sample identification: 12/2020/2  
Date of start testing: 29.01.2020  
Date of end testing: 04.02.2020  
Operator: E. Jóźwik

### Calibration:



## Test results<sup>1)</sup>:

CBDV (cannabidivarine)	<u>0,175 ± 0,008 % (w/w)</u>
CBDA (cannabidiolic acid)	<u>0,772 ± 0,016 % (w/w)</u>
CBG (cannabigerol)	<u>1,920 ± 0,047 % (w/w)</u>
CBD (cannabidiol)	<u>20,575 ± 1,611 % (w/w)</u>
CBN (cannabinol)	<u>&lt; L.O.D.</u>
Δ-9-THC (delta-9-tetrahydrocannabinol)	<u>&lt; L.O.Q.</u>
Δ-8-THC (delta-8-tetrahydrocannabinol)	<u>&lt; L.O.D.</u>
CBC (cannabichromene)	<u>1,836 ± 0,097 % (w/w)</u>
THCA (delta-9-tetrahydrocannabinolic acid)	<u>&lt; L.O.D.</u>

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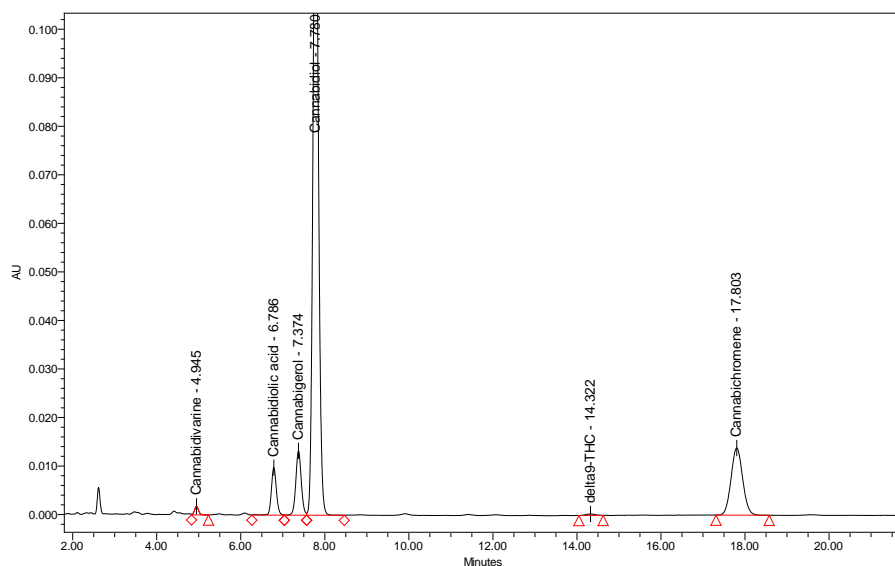
$\Sigma\text{THC} = \text{THC} + (0,8772 \times \text{THCA})$  < L.O.Q.

L.O.Q (limit of quantification) = 0,150 % (w/w)

L.O.D (limit of detection) = 0,063 % (w/w)

<sup>1)</sup> the given extended uncertainty (U) is based on standard uncertainty multiplied by extension factor  $k=2$  providing confidence level of 95%. Sampling uncertainty was not taken into account in calculations.

According to the High Performance Liquid Chromatography (HPLC) method with a Photodiode Array Detector (PAD)



It declares that the above results relate only to the sample identification number 12/2020/2, and that without the written consent of the Head of the Laboratory of Analytical certificate may not be reproduced otherwise than in its entirety.

Date of issue: 04.02.2020

Quality manager: Mariusz Chmiel

END