

**CERTIFICATE OF ANALYSIS**  
**NO. 21/097/1**

Product trade name	Hempseed oil with hemp extract
Product index	517
Lot number	517015
Production date	16.03.21
Batch size	171.09 kg
Expiration date	03.2023

RESULTS		
Parameter	Requirements	Results
Organoleptic characteristics: - colour - consistency	from yellow to brown or green thick liquid	conforms conforms
Identity	Retention time compatible with the retention time of the standard.	conforms
Related substances - tetrahydrocannabinol (THC)* - cannabidiolic acid (CBDA) - cannabidivarin (CBDV) - cannabigerol (CBG) - cannabinol (CBN) - cannabichromene (CBC) - $\beta$ -caryophyllene (BCP)	not more than 0.20% for information for information for information for information for information for information	below 0.20% 0.10% 0.05% 0.14% 0.05% 0.24% 0.02%
Heavy metals - lead - cadmium - mercury	not more than 3.0 ppm not more than 1.0 ppm not more than 0.1 ppm	below 0.010 ppm (QL) below 0.002 ppm (QL) 0.003 ppm
PAHs - benzo(a)pyrene - sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene	not more than 10 ppb not more than 50 ppb	below 1,0 ppb (QL) below 1.1 ppb (QL)

RESULTS		
Parameter	Requirements	Results
Cannabidiol (CBD) content	4.75% - 5.25%	5.18%
Microbiological purity		
- total aerobic mesophile microbial count	not more than $5 \times 10^4$ cfu/g	below $1.0 \times 10^1$ cfu/g (QL)
- total yeast and mold count	not more than $5 \times 10^2$ cfu/g	below $1.0 \times 10^1$ cfu/g (QL)
- Escherichia coli	not more than $1 \times 10^1$ cfu/g	below $1.0 \times 10^1$ cfu/g (QL)
- Salmonella	absence in 25 g	absence in 25 g
- Enterobacteria count (bile-tolerant Gram-negative bacteria)	not more than $1 \times 10^2$ cfu/g	below $1.0 \times 10^1$ cfu/g (QL)
- Number of Coagulase positive Staphylococci (Staphylococcus aureus and other species)	not more than $1 \times 10^1$ cfu/g	below $1.0 \times 10^1$ cfu/g (QL)

\* total content of THC as a sum of  $\Delta^8$ -THC and THCA calculated with the following formula:  $\text{THC} = \Delta^8\text{-THC} + 0.877 \text{ THCA}$

Conclusion: This product complies with the requirements of the specification no. SP/015.01 edition no. 5



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**END OF CERTIFICATE**