

RV 1215



CERTIFICATE OF ANALYSIS
NO. 21/089/1

Product trade name	Hempseed oil with hemp extract
Product index	540
Lot number	540006
Production date	24.02.21
Batch size	20.50 kg
Expiration date	02.2023

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) - β -caryophyllene (BCP)	not more than 0.20% for information for information for information for information for information for information	below 0.20% 0.01% 0.18% 0.19% 0.06% 0.47% 0.26%
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) below 0.001 ppm (QL)
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) 1,69 ppb

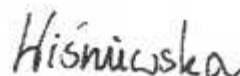
RESULTS		
Parameter	Requirements	Results
Cannabidiol (CBD) content	14.25% - 15.75%	15.57%
Microbiological purity		
- total aerobic mesophile microbial count	not more than 5×10^4 cfu/g	below 1.0×10^1 cfu/g (QL)
- total yeast and mold count	not more than 5×10^2 cfu/g	below 1.0×10^1 cfu/g (QL)
- Escherichia coli	not more than 1×10^1 cfu/g	below 1.0×10^1 cfu/g (QL)
- Salmonella	absence in 25 g	absence in 25 g
- Enterobacteria count (bile-tolerant Gram-negative bacteria)	not more than 1×10^2 cfu/g	below 1.0×10^1 cfu/g (QL)
- Number of Coagulase positive Staphylococci (Staphylococcus aureus and other species)	not more than 1×10^1 cfu/g	below 1.0×10^1 cfu/g (QL)

* total content of THC as a sum of Δ^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



Prepared by – Anna Borawska, Eng.
Laboratory Technician



Accepted by – Paulina Wiśniewska, PhD
Quality Control Manager

END OF CERTIFICATE