

CERTIFICATE OF ANALYSIS
NO. 20/318/1

| | |
|--------------------|--|
| Product trade name | Organic hempseed oil with hemp extract |
| Product index | 745 |
| Lot number | 745001 |
| Production date | 15.10.20 |
| Batch size | 6.23 kg |
| Expiration date | 10.2022 |

| RESULTS | | |
|---|--|----------------------|
| Parameter | Requirements | Results |
| Organoleptic characteristics: | | |
| - colour | from yellow to green-brown | conforms |
| - odour | herbal | conforms |
| Identity | Retention time compatible with the retention time of the standard. | conforms |
| Related substances | | |
| - tetrahydrocannabinol (THC)* | not more than 0.20% | below 0.20% |
| - cannabidiolic acid (CBDA) | for information | 0.03% |
| - cannabidivarin (CBDV) | for information | 0.35% |
| - cannabigerol (CBG) | for information | 0.21% |
| - cannabinol (CBN) | for information | 0.04% |
| - cannabichromene (CBC) | for information | 0.50% |
| - β -caryophyllene (BCP) | for information | 0.65% |
| Heavy metals | | |
| - lead | not more than 3.0 ppm | below 0.010 ppm (QL) |
| - cadmium | not more than 1.0 ppm | below 0.002 ppm (QL) |
| - mercury | not more than 0.1 ppm | below 0.001 ppm (QL) |
| PAHs | | |
| - benzo(a)pyrene | not more than 10 ppb | below 1.0 ppb (QL) |
| - sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene | not more than 50 ppb | below 1.1 ppb (QL) |

| RESULTS | | |
|--|-------------------------------------|------------------------------------|
| Parameter | Requirements | Parameter |
| Cannabidiol (CBD) content | 19.00% - 21.00% | 20.42% |
| 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^9 -THC and THCA calculated with the following formula: $\text{THC} = \Delta^9\text{-THC} + 0.877 \text{ THCA}$

Conclusion: This product complies with the requirements of the specification no. SP/043.01 edition no. 1

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END OF CERTIFICATE