

CERTIFICATE OF ANALYSIS

| | |
|------------------------------|---|
| Product | Liposomal S1 Liposomal Hemp + Melatonin |
| Product nr. | 8869 |
| Batch nr. | 220848 |
| Manufacture Date | 09-2022 |
| Best Before Date End: | 09-2024 |

PHYSICAL SPECIFICATIONS:

| Item | Specification | Results | Method |
|-------------------|---|---------|-------------------|
| Appearance | Cream to light yellow liquid | Conform | Ph.Eur.2.2.1. |
| Odour | Characteristic smell of lecithin and hemp | Conform | Organoleptic |
| Taste | Typical taste of lecithin and hemp | Conform | Organoleptic |
| Viscosity | Thick liquid | Conform | Visual |
| pH | 4.00 – 4.80 | 4.37 | Ph.Eur.par.2.2.3. |

ACTIVE INGREDIENTS PER DOSAGE OF 1 ML

| Item | Specification | Results | Method |
|---|----------------|---------|-----------|
| Cannabidiol (from cannabis sativa extract) | ≥ 2,5 mg | 3,29 mg | UHPLC-DAD |
| Terpene profile mix (Hemp terpenes) | 0,27 – 0,33 mg | 0,60 mg | InHouse |
| Melatonin | 1,40 – 1,65 mg | 1,50 mg | InHouse |
| Pyridoxini HCL (Vit. B6) | 0,65 – 0,75 mg | 0,70 mg | InHouse |

Cannabinoid residues

| Parameter | Specification | Results | Method |
|------------|---------------|---------|-----------|
| THC | <0.05% | N.D. | UHPLC-DAD |

CONTAMINATIONS

Heavy Metals

| Parameter | Specification | Results | Method |
|---------------------|-------------------|---------|------------------|
| Cadmium (Cd) | Less than 1,0 ppm | Conform | EC/1881/2006 |
| Arsenic (As) | Less than 1,0 ppm | Conform | Kb 2014-01-07/04 |
| Mercury (Hg) | Less than 0,1 ppm | Conform | EC/1881/2006 |
| Lead (Pb) | Less than 3,0 ppm | Conform | EC/1881/2006 |

Microbiology (CFU/g)

| Parameter | Specification | Results | Method |
|----------------------|----------------|----------------|-------------------|
| TPC | <1000 | <1000 | NEN-EN ISO 4833-1 |
| Yeasts | <100 | <100 | NEN/ISO 21527-2 |
| Moulds | <100 | <100 | NEN/ISO 21527-2 |
| Escheria coli | Absent in 25g | Absent in 25g | NEN-ISO 16649-2 |
| Salmonella | Absent in 25 g | Absent in 25 g | EN/ISO/6579-1 |

Microbiology and active ingredients are measured in an external laboratory

Date:
18-10-2022

Name QA manager:
i.o. Rahime Degirmenci

Signature:

