

CERTIFICATE OF ANALYSIS

Product	Liposomal S1 Liposomal Hemp + Melatonin
Product nr.	8869
Batch nr.	260160
Manufacture Date	03-2026
Best Before Date End:	03-2028

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	14.26 mPa.s (shear rate 100 s ⁻¹) ± 20%	Conform	Visual
Density	1 g/ml ± 20%	Conform	
pH	4.00 – 4.80	4.43	Ph.Eur.par.2.2.3.

ACTIVE INGREDIENTS PER DOSAGE OF 1 ML

Item	Specification	Results	Method
Hemp extract (Cannabis sativa)	2,3 – 4,1 mg (CBD 2 – 3,6 mg)	Conform	UHPLC-DAD
Hemp terpenes (Cannabis sativa)	0.2 – 0.35 mg	Conform	InHouse
Melatonin	1.2 – 2.18 mg	Conform	InHouse
Pyridoxine HCl (Vitamin B6)	0,56 – 0,98 mg (Vitamin B6 0,5 mg – 0,8 mg)	Conform	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/2023/915
Arsenic (As)	Less than 1,0 ppm	Conform	EC/2023/915
Mercury (Hg)	Less than 0,1 ppm	Conform	EC/2023/915
Lead (Pb)	Less than 3,0 ppm	Conform	EC/2023/915

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 1g	Absent in 1g	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

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Date:
23-03-2026

Name QA manager:
i.o. P. Koster

Signature :

