

# SuperSmart<sup>®</sup>

## CERTIFICATE OF ANALYSIS

<b>Product</b>	<b>Silidyn<sup>®</sup> Ortho Silicium</b>
<b>Productcode</b>	9502
<b>Batch nr.</b>	260038
<b>Manufacture Date</b>	01-2026
<b>Shelf life bulk product</b>	01-2029

### PHYSICAL SPECIFICATIONS:

Item	Specification	Results	Method
<b>Appearance</b>	Pink/ light red liquid	Conform	Ph.Eur.2.2.1.
<b>Odour</b>	Odourless	Conform	Organoleptic
<b>Taste</b>	No significant taste	Conform	Organoleptic

### ACTIVE INGREDIENTS PER ADVISED DOSAGE (0.5 ml)

Item	Specification	Results	Method
<b>Choline (as Choline chloride)</b>	Choline 68 – 120 mg	Conform	In-House
<b>L-Carnitine HCl</b>	44 - 77 mg	Conform	In-House
<b>Methylsulfonylmethane (MSM)</b>	24 - 42 mg	Conform	In-House
<b>Silicon (as stabilized Ortho Silicic Acid)</b>	4 - 7 mg	Conform	In-House
<b>Zinc (as Zinc chloride)</b>	Elemental zinc 3.6 – 6.3 mg	Conform	In-House
<b>Boron (as Boric acid)</b>	Boron 0.5 – 0.8 mg	Conform	In-House
<b>Mangan (as Manganese citrate)</b>	Mangan 0.3 – 0.6 mg	Conform	In-House
<b>Selenium (as Sodium selenite)</b>	Selenium 44 - 77 mcg	Conform	In-House
<b>Vitamin B12 (as Methylcobalamine)</b>	2 – 3.8 mcg	Conform	In-House

### CONTAMINATIONS

#### Heavy Metals

Parameter	Specification	Results	Method
<b>Cadmium (Cd)</b>	Less than 1,0 ppm	Conform	EC/2023/915
<b>Arsenic (As)</b>	Less than 1,0 ppm	Conform	EC/2023/915
<b>Mercury (Hg)</b>	Less than 0,1 ppm	Conform	EC/2023/915
<b>Lead (Pb)</b>	Less than 3,0 ppm	Conform	EC/2023/915

# SuperSmart<sup>®</sup>

## CERTIFICATE OF ANALYSIS

### Microbiology (CFU/g)

Parameter	Specification	Results	Method
<b>TPC</b>	<1000 cfu / g	<10	NEN-EN ISO 4833-1
<b>Yeast</b>	< 100 cfu/g	<10	NEN-ISO 21527-2
<b>Moulds</b>	< 100 cfu/g	<10	NEN-ISO 21527-2
<b>Escherichia coli</b>	Absent in 1g	Absent in 1g	NEN-ISO 16649-2
<b>Salmonella</b>	Absent in 25 g	Absent in 25 g	EN-ISO 6579-1

*Microbiology and active ingredients are measured in an external laboratory*

Date:  
28-01-2026

Name QA Manager:  
i.o.M.Yadollahi

Signature

