

# SIRIO

## Immunity

Strengthening body's natural defense

### 1,3 Beta Glucan (from micro-algae)

- Beta-glucans are naturally occurring polysaccharides and can be found in the cell walls of cereals, certain types of mushrooms, yeasts, seaweed and algae.<sup>1</sup>
- The European Food Safety Authority approved 1,3 Beta Glucan from micro-algae as novel food in 2020.<sup>2</sup>



#### Beneficial effects of 1,3 Beta Glucan

##### Cellular immunostimulant

- ✓ Activates macrophages and dendritic cells, main regulators of the body's natural immune response<sup>5</sup>

*Clinical study on healthy adult's vs. placebo<sup>6</sup>*

##### 1,3 Beta Glucan intake resulted in:

- ✓ Less respiratory infections
- ✓ Fewer sick days
- ✓ Better quality of life
  - Less severe symptoms in general
  - Less sore throat, headache, body aches and feelings of tiredness



**72 %** of the general population experience one or more episodes of respiratory tract infections a year.<sup>3</sup>

The beta-glucan market is projected to grow in value at a **CAGR of 7.6%**. (2020 to 2026)<sup>4</sup>

## Priming the immune system

#### Formulation proposal

- **1,3 Beta Glucan** (BetaVia™<sup>7</sup> 150 mg)
- **Vitamin D**
- **Zinc**
- **Sunflower oil**

- ✓ Naturally-sourced
- ✓ GMO-free
- ✓ Allergen- and gluten-free



“Contributes to normal function of the immune system”

(EFSA health claim for vitamin D & zinc)

Capsule:

- Gelatin: bovine
- Shape: 7,5 oval
- Colors: red-brown opaque

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### Softgel key benefits

- ✓ Single dose
- ✓ High compliance rate
- ✓ Premium quality ingredients
- ✓ High bioavailability
- ✓ Fill protected from oxidation and degradation
- ✓ Excellent dose uniformity
- ✓ Easy to swallow



SIRIO Europe Fact Sheet "Immunity: 1,3 Beta Glucan" | 2021\_08

Made in Germany

Manufacturing site **pharma GMP, US-FDA, IFS, BRC, EU Organic, MSC, FOS, Feed certified**  
For more information, please visit our website: [sirio-europe.com](http://sirio-europe.com)

Market launch is subject to local regulatory requirements

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4. [marketsandmarkets.com/ResearchInsight/beta-glucan-market.asp](https://marketsandmarkets.com/ResearchInsight/beta-glucan-market.asp).
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