

## Bluenesse® - the innovation for cognitive performance



- Bluenesse is an exclusive lemon balm extract developed to support cognitive performance.
- *In vitro* and human studies confirmed that Bluenesse supports cognitive performance, improving alertness, concentration, mental focus and working memory. In addition it provides a calm and positive mood and improves the ability to cope with occasional stress.
- Bluenesse can be taken on demand, as its effects are perceptible within one hour after intake and are still measurable after three hours.
- Bluenesse is scientifically proven, IP protected and approved to be used in functional foods, beverages and food supplements.

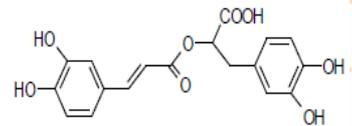
## Bluenesse® - supports concepts for:

- Cognitive health - to improve cognition
- Work-Live-Balance - to relax and de-stress
- Well-being - for stress relief and relaxation
- Sports nutrition - to give ease of mind and concentration to win

These statements have not been evaluated by FDA and EFSA.  
The product is not intended to diagnose, treat or cure any disease.

## Bluenesse® - product information

- Bluenesse is obtained by water extraction out of a special breeding lines of *Melissa officinalis* (L.) leaves an annual edible herb native to Europe.
- Melissa officinalis* (L.) is a member of the family Lamiaceae. Common names are: Lemon balm (EU, USA); Melisse (Germany)
- Bluenesse is a proprietary *Melissa officinalis* leaf extract, standardized on **muscarinic M1 receptor affinity** and on **rosmarinic acid**, determined by HPLC.
- Each batch of Bluenesse undergoes bioassay-guided efficacy testing to confirm cognitive effects – this is a new dimension of quality control.
- Bluenesse has a pleasant taste and is a water soluble fine beige powder.
- Its recommended daily dosage of 300 mg can be incorporated into food supplements, foods and beverages.
- Bluenesse's modern state of the art production facility and GMP compliant production conditions ensure reproducible quality of the product.
- Bluenesse is made in Germany. It complies with highest quality and traceability standards, completed by phytochemical characterization and stability data.



### Main specifications:

Appearance:	Fine beige-brown powder with a characteristic odor
Solubility:	Freely soluble in 100 g/L in water
Loss on drying:	< 5.0 %
Particle size:	100 % < 500µm >80 % < 300µm
Foreign matter:	not detected
Rosmarinic acid:	≥ 6 %
Muscarinic M1 receptor affinity:	yes
Microbiology Ph. Eur. 8ed Cat. 5.1.4:	complies
Pesticides (EC) NO396/2005:	complies
Heavy metals (EC) NO1881/2006:	complies

