





# STEFES Ingredients GmbH

is your reliable partner for raw materials for

-  Nutraceutical
-  Food/Beverages
-  Pet Food/Nutrition
-  Cosmetics



Quality, Service as well as a Long-Term Relationship with our Customers, Partners and Suppliers are our Highest Priority



## A new raw material for Europe



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# Neumentix

A patented naturally-sourced nootropic from spearmint



Nootropics are substances that improve people's cognitive abilities.

A Nootropicum can increase the performance in the following areas:

- 🌿 Concentration
- 🌿 Memory
- 🌿 Mood
- 🌿 Motivation
- 🌿 or wherever the ability to think and the consciousness is claimed.

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**Neumentix** supports cognitive performance such as working memory, focus and attention

- 🌿 water derived **natural** food ingredient derived from spearmint
- 🌿 selectively bred to ensure a high polyphenol content (rosmarinic acid)
- 🌿 developed from patented, non-genetically modified plant lines from Spearmint
- 🌿 contains more than 50 phenolic constituents (eg rosmarinic acid, salvianic acid, lithospermic acid)

Synergies between these bioactive components are probably the key to understanding the clinical benefits of Neumentix





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## Neumentix

The main identified polyphenolic constituents were investigated to find out how they affect cognitive performance.

potential mechanisms of action that could be determined

-  Reduction of oxidative stress
-  Increase of acetylcholine (neurotransmitter that is actively involved in learning and memory processes)
-  Neurogenesis (formation of nerve cells)
-  Neuroprotection (the ability to protect nerve cells from dying)



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## Neumentix

### Improvement of working memory is one of the unique benefits

(the part of short-term memory that allows us to keep and edit information while we are busy with another task)



Working memory is crucial for cognitive ability.

It has great influence on e.g. the attention span, focus and concentration.

Research also suggests that physical performance such as exercise and reaction time are also strongly influenced by working memory.



**Improvements in working memory help to make high workloads more manageable and increase productivity.**

**15 % improvement  
in overall quality of  
working memory**

Versus placebo in a clinical trial  
with participants between the  
ages of 50 and 70 taking 900 mg  
of Neumentix daily for 90 days

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### SAFETY STUDIES

- Lasrado et al. (2015, *Regul Toxicol Pharmacol*)
- Nieman et al. (2015, *Funct Foods Health Disease*)
- Lasrado et al. (2017, *Regul Toxicol Pharmacol*)

### PLANT CHARACTERISTICS

- Narasimhamoorthy et al. (2015, *Ind Crops and Products*)
- Cirilini et al. (2016, *Molecules*)

## The Science Behind Neumentix

### PRECLINICAL & MOA STUDIES

- Farr et al. (2016, *SAMP8, Physiology and Behavior*)
- Fonseca et al. (2016, *Neurogenesis, Soc Neuroscience*)
- Fonseca et al. (2017, *Anti-inflammatory, Exp Biology*)

### HUMAN CLINICAL TRIALS

- Nieman et al. (2015, *Funct Foods Health Disease*)
- Falcone et al. (2018, *J. ISSN. 2019, Nutrition Research*)
- Herrlinger et al. (2018, *Journal Compl and Alt Med*)
- Ostfeld et al. (2018, *J Special Ops & Med*)

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Non GMO



No Artificial Colors  
or Preservatives



World Friendly



Vegetarian



Plant Based



Water Extracted






US GRAS



Gluten Free

## Neumentix

-  water soluble
-  stable at a pH between 2 and 7
-  stable at temperatures up to 149 ° C

Neumentix can be easily used in various formulations

vegetable juices, coffee / tea

Beverage sticks

Effervescent tablets

chews / chewing gum

baked goods

softgels and capsules

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# Neumentix

*Reasons to purchase Neumentix differ across generations*

## Generation Y (1980-2000)

- Use brain health supplements “as a way to **optimize cognitive performance levels** and function at work, schools or in athletics



## Generation X (1964-1980)

- Look to brain health supplements to “**promote and maintain** cognitive function”.

## Generation „Baby Boomers“ (1946-1964)

- Interested in brain health supplements to “**retain** memory function”.



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So, stand up  
from the market!

# Neumentix

**The Burner for your portfolio**

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