

ZENGYUT™

HARMONY STARTS FROM WITHIN



 microphyt



GROWING DEMAND FOR NATURAL SOLUTIONS THAT NOT ONLY IMPROVE GUT HEALTH

Today, more and more consumers are looking for **natural solutions** to improve their **intestinal health and general well-being**. While **digestive disorders affect up to 40% of the world's population¹**, one in two people affected by these disorders say it has a **negative impact on their mood and emotions, stress, mental and physical fatigue and quality of sleep** on a daily basis².

References: ¹Sperber et al., Gastroenterology, 2021.
²Opsio, U.S. consumers survey for Microphyt, 2023




INNER PEACE STARTS WITH A HAPPY GUT

The **link between gut health and mental wellbeing** should not be underestimated. Key neurotransmitters that regulate mood are mainly produced in the gut. An **imbalanced gut** can trigger not only **gastrointestinal symptoms** but also **negatively impact mood**, leading to stress and mood disorders. On the other hand, emotional strain often worsens digestive problems. This interdependence makes it crucial to address both aspects simultaneously.

ZENGUT™

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ZenGut™ is a breakthrough ingredient designed to **support overall gut health** by improving **intestinal function, digestive comfort and microbiota balance**, while regulating essential biomarkers, such as chromogranin A, crucial for **improving mood and managing stress through the gut-brain axis***. The benefits of ZenGut have been demonstrated and felt after **just 4 weeks of low-dose supplementation**.

ZenGut naturally fosters a balanced gut and mental wellness, promoting overall well-being and harmony from within*.

ZenGut is a **microalgae-based ingredient**, from the *Tetrademus obliquus* *Mi175.B1.a* microalgae, **sustainably produced** in France using an innovative and **patented hydro-biomimetic technology**.



GUT HEALTH



MENTAL
WELL-BEING



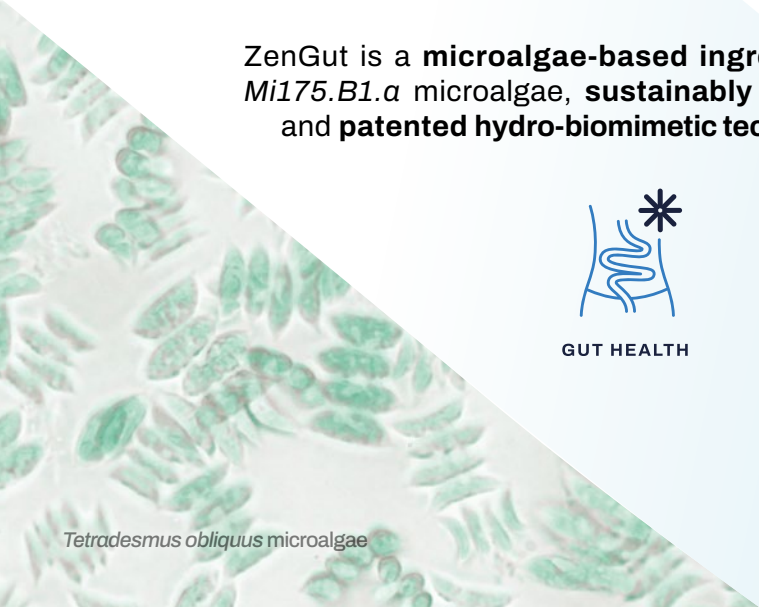
MICROALGAE
EXTRACT



EXCLUSIVE
TECHNOLOGY



MADE IN
FRANCE



Tetrademus obliquus microalgae

ZENGUT™



After just 4 weeks of low-dose supplementation, ZenGut™:

- u SUPPORTS OVERALL GUT HEALTH AND DIGESTIVE COMFORT
- u IMPROVES GUT MICROBIOTA BALANCE
- u SUPPORTS MENTAL HEALTH
- u IMPROVES EMOTIONAL WELL-BEING

RDBPC 4-week clinical trial on 56 healthy adults between 25-50 years of age with *intestinal complaints*.
The ZenGut treatment group received **250mg of ZenGut powder**, equivalent to **100mg of ZenGut in liquid form**.

4X

More effective
in reducing overall
GI symptoms*

-27%

Reduction
of indigestion
symptoms*

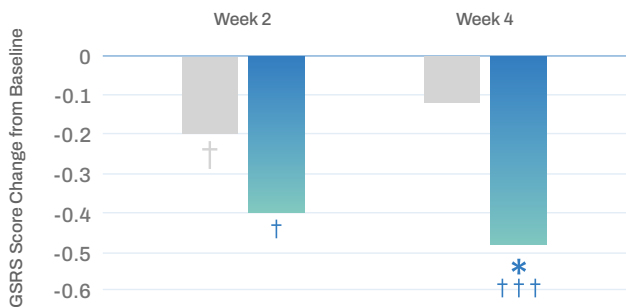
5X

More effective
in improving mood
and mental well-being*

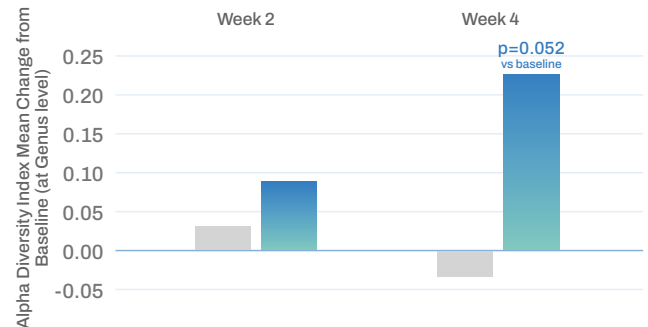
-36%

Reduction of crucial
biomarker involved
in stress response
level (CgA)*

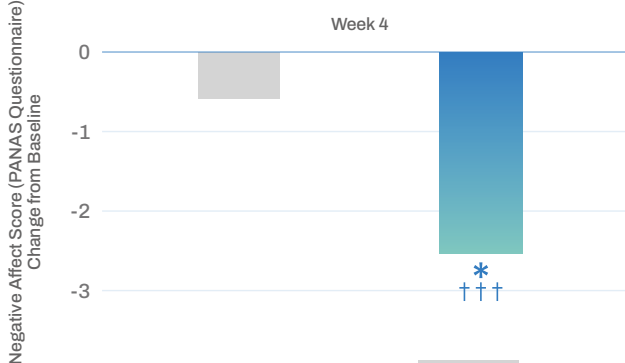
ZenGut™ reduces overall GI disorders*
by decreasing GSRS global score
(indigestion, constipation and diarrhea scores)



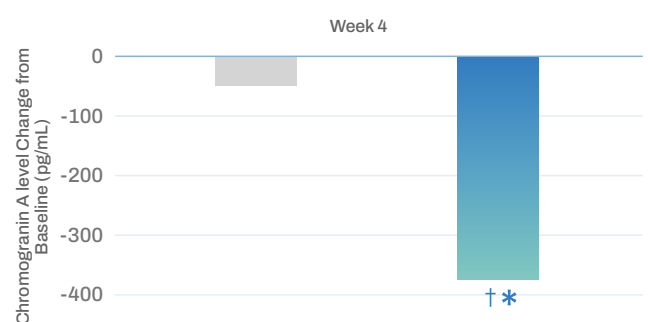
**ZenGut™ improves the balance
of the gut microbiota** by increasing
the Alpha Diversity Index



ZenGut™ improves mental well-being and mood state*
by decreasing the negative affect score (PANAS)



ZenGut™ helps regulate stress*
as shown by a reduction in plasma chromogranin A level



Placebo ZenGut™

Data is based on means and 95% confidence intervals. † indicates significant within groups difference at W2 or W4 compared to baseline (W0): † p<0.05 and ††† p<0.001. * indicates significant between groups difference: * p<0.05.



An innovative bioactive:

- u Derived from a unique microalgae
- u Effective at low-dose
- u Available in liquid and powder forms



Reliable and sustainable sourcing:

- u Patented hydro-biomimetic technology
- u Sustainable production process
- u State-of-the-art large-scale platform

*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

ZENGUT™

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Clinically shown to support overall gut health and emotional well-being*

Real benefits after just 4 weeks of low-dose supplementation

Extracted from a unique and exclusive microalgae

Available in liquid, powder and CWD forms

Suitable for:



Softgels



Capsules



Powder



Sachets



Beverage

GMO-free, Allergen-Free

Sustainable sourcing and consistent supply

Patented hydro-biomimetic technology

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Microphyt's exclusive technology



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