

# Oregano Extract

## Micro-Emulsion SR



### Clinical Applications

- Promotes Healthy Microbial Balance.\*
- Helps Maintain Gastrointestinal Comfort.\*
- Enhances Immune Function.\*
- Provides Antioxidant Protection.\*

*Oregano Extract Micro-Emulsion SR was created with Micro-Emulsification and Delayed Released Technologies for optimal effectiveness.*

All Omnivits Formulas Meet or Exceed cGMP Quality Standards

### Discussion

Analysis revealed two phenolic compounds, thymol and carvacrol, as primary constituents of oregano extracts, and their antioxidant properties were reported. It was recognized for emulsified fat-soluble nutrients and other lipids, micro-emulsified with the practical objective of increased absorption and bioavailability. This technology has now been applied to the oil of oregano.

By emulsifying oregano extracts, the effective surface area of the oil is dramatically increased. An additional step was to apply a gradual release mechanism to Oregano extract, assuring a slow release throughout the digestive tract. The combined effect of emulsification and gradual release optimizes intestinal exposure to the essential oil.

**Oil of Oregano** is a powerful plant extract with highly effective antimicrobial properties, as well as important antioxidant and intestinal cleansing benefits. Similar to rosemary, garlic, ginger, turmeric, and other common herbs and spices, oregano is a familiar culinary ingredient whose potential pharmacologic role can be exploited when its essential components are isolated and provided in concentrated doses. The oil extracts of Mediterranean oregano (*Origanum vulgare*) and other varieties have a history in botanical medicine for efficacy in the gastrointestinal tract as antimicrobial, antifungal, and antiparasitic agents.

Supplement Facts	
Serving Size: 1 Tablet	
	Amount Per Serving
Oregano Oil ( <i>Origanum vulgare</i> ) (extract from leaf)	50 mg*
* Daily Value not established	

**Other ingredients:** Cellulose, modified cellulose gum, potassium sorbate, stearic acid (vegetable source), silica, water and gum arabic.

**Suggested Use:** One (1) tablet with meals and at bedtime as a dietary supplement or as otherwise directed by a healthcare professional.

**Caution:** Not recommended for pregnant or lactating women.  
**KEEP OUT OF REACH OF CHILDREN.**

**This product is gluten, dairy and GMO free**

\*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.



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## References

1. Gilling DH, et al. Antiviral efficacy and mechanisms of action of oregano essential oil and its primary component carvacrol against murine norovirus. *J of Appl Microbiology* 2014
2. Pilan MR, et al. Antiviral activity of the *Lippia graveolens* (Mexican Oregano) essential oil and its main compound carvacrol against human and animal viruses. *Brazilian J of Microbiology* (2011) 42: 1616-1624.
3. Force M, Sparks WS, Ronzio RA. Inhibition of Enteric Parasites by Emulsified Oil of Oregano in vivo. *Phytotherapy Research* 14, 213-214 (2000).
4. Stiles JC, Sparks W, Ronzio RA. The inhibition of *Candida albicans* by oregano. *J of Appl Nutrition*, Vol. 47, No. 4, 1995.
5. Svensen AB, Scheffer JJC. *Essential Oils and Aromatic Plants*. Martinus Nijhoff/W. Junk Publishers (1985).
6. Akgul A., Kivane M. Inhibitory effects of selects of selected Turkish spices and oregano components on some food borne fungi. *Int. J. Food Microbiology* (1988)6: 263.
7. Conner DE, Beauchat LD. Effects of essential oils from plants on growth of food spoilage yeast. *J. Food Science* (1984) 49: 429.
8. Deighton N, Glidewell SM, Deasn SG, Goodman BA. Identification by EPR spectroscopy of cavacrol and thymol as the major sources of free radicals in the oxidation of plant essential oils. *J. Science Food Agriculture* (1933) 63: 221
9. Sezik E., Tumen G., et al. Essential Oil Composition of Four *Organum Vulgare* Subspecies of Anatolian Origin. *J. Essent Oil Res.* (1933) 5: 425-31.

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