Premium ingredient

VinOseed®

OPC-rich grape seed extract

- Exclusive premium raw material
- Guaranteed content in OPCs
- Efficient antioxidant protection

nexira HEALTH

VinOseed®

OPC-rich grape seed extract

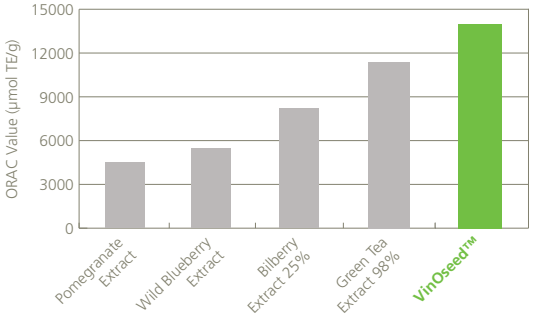
Exclusive premium raw material

VinOseed® is a white grape seed extract sourced from a famous French vineyard region. The grapes are carefully selected and harvested at ripeness for the seeds to offer the highest content in OPCs.

VinOseed® is the result of the association of an exceptional "terroir" with thousands of years of agricultural expertise & a specific extraction process, which allow a top quality extract with high guaranteed content in OPCs.

Total polyphenols *(method: Folin-Ciocalteu)*		**> 80%**
OPC *(method: HPLC)*		**> 12%**
Including:	monomers	32%
	dimers	60%
	trimers	8%
Procyanidolic polymers		**> 30%**

Comparison of the ORAC value of different plant extracts

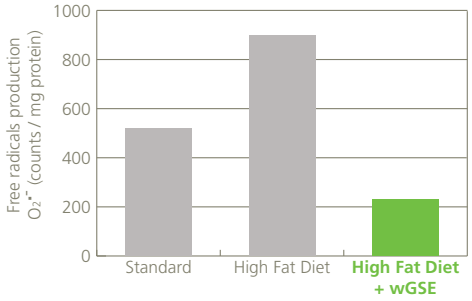


Reinforced antioxidant & health properties

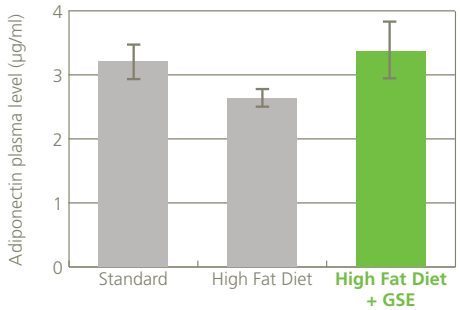
- Scientific studies have shown that the antioxidant power of oligomeric proanthocyanidins (OPCs) is:
  - **20 times stronger than vitamin C**
  - **50 times stronger than vitamin E**

  Furthermore, grape seed OPCs are active in both water and fat soluble phases, whereas vitamins are only soluble in one or the other.
- VinOseed® offers a strong antioxidant activity thanks to its content in OPCs, which are particularly bioavailable compounds* **(typical ORAC value = 14000 µmol TE/g).**
- Thanks to its white grape seed origin, VinOseed® offers innovative health properties. It is known that obesity is associated with a state of oxidative stress. Recent studies showed that white Grape Seed Extract (GSE) could be involved in obesity-risk reduction**:
  - **improves antioxidant status by reducing free radicals production**
  - **limits cardiovascular risk by increasing adiponectin expression (anti-inflammatory cytokine)**

Effect of white GSE supplementation on oxidative stress markers in case of induced obesity.



Effect of GSE supplementation on anti-inflammatory cytokine expression in case of high-fat diet.



NATURAL ALTERNATIVE FOR A HEALTHY LIFE

- **Guaranteed content in OPCs**
- **Suitable for a broad range of health applications: cardiovascular prevention, anti-aging effect, antioxidant protection,…**
- **Recommended dosage: 400mg/day**

* Manach C, Williamson, G, Morand C, et al. Bioavailability and bioefficacy of polyphenols in humans. I. Review of 97 bioavailability studies. Am J Clin Nutr. 2005. 81:230S-242S.

** In vivo studies. Décordé K. et al. Mol. Nutr. Food Res 2009 May; 53(5):659-66 & Terra X. et al. J Nutr Biochem. 2009 Mar;20(3):210-8.

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