



GRAPE

UVIOX®

ORGANIC RED GRAPE SKIN PHYTOCOMPLEX TO PREVENT AGING



PRODUCT DESCRIPTION

Grape skins protect grapes from UV overexposure, pathogen attacks, environmental pollution and adverse weather conditions. The thousands of molecules that grapes are able to synthesize and accumulate in its fruit skin are the secret of its defences.

It was shown that grape polyphenols have an inhibitory activity on membrane metalloproteases 2 (MMP2) of some skin cell lines. MMP2, also called collagenases or gelatinases A, is one of the causes of degradation of collagen and other skin proteins, such as the insoluble form of elastin, causing decreased skin tone and elasticity as well as wrinkles.

UVIOX® allows for absorbing all the active molecules of organic certified grape skins in a bioavailable form. The cosmetic formulation become a shuttle able to deliver this active chemistry on skin helping it staying healthy and young.

BENEFITS

- **High anti-radical effect** (*in vitro* tests)
- **Acts as preventative anti age** (*in vitro* tests)

TECHNICAL INFORMATION

INCI: hydrolyzed grape skin, citric acid, sodium benzoate, potassium sorbate.

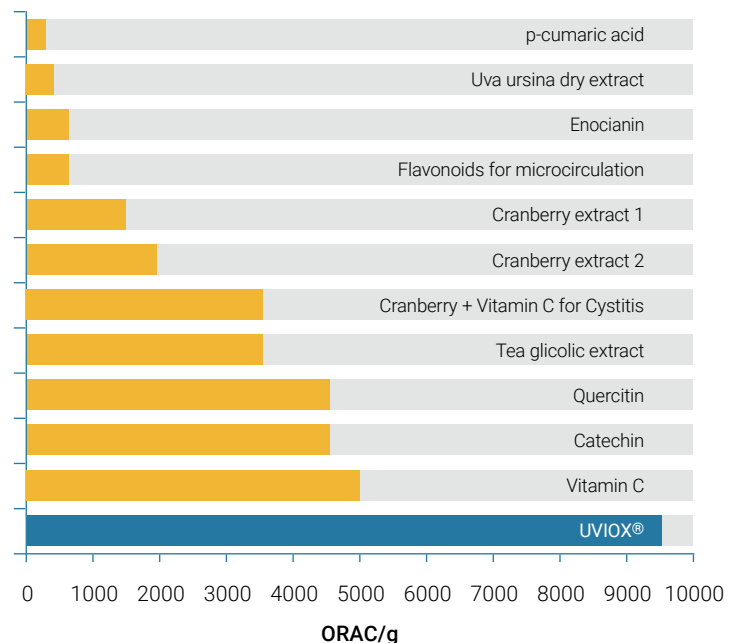
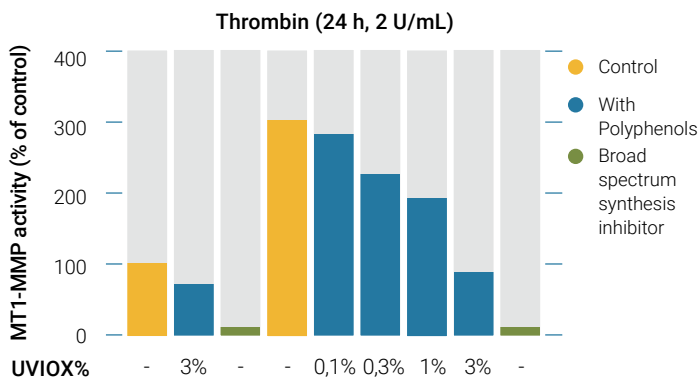
PLANT USED: red organic grape skin from the Emilia-Romagna region.

TECHNOLOGY: Bioliquefaction Technology.

SUGGESTED CONCENTRATION OF USE: 1-3% w/w.

ORGANIC STATUS: COSMOS certified.

CHINA STATUS: also available in China compliant version.



Inhibitory effect of grape phenols on MMP2 correlated with the concentration of UVIOX® needed to reach the right concentration of phenols in a cosmetic formulation

Comparison of antioxidant activity (expressed as ORAC/g) of UVIOX® and other solutions of commercial products