

# Rutgers Scarlet Lettuce™ Extract

## Product Information Cosmetic Applications



ANTI-OXIDANT - ANTI-AGING - ANTI-INFLAMMATORY - SKIN WHITENING - UV PROTECTION



Rutgers Scarlet Lettuce Extract is an aqueous extract prepared from Rutgers Scarlet Lettuce. This proprietary extract contains 20% polyphenols (w/w) and has exceptionally high anti-oxidant capacity as well as a range of metabolism correcting and anti-inflammatory activities.

Using non-transgenic approaches to nutritional and functional crop improvement, scientists from Rutgers University developed proprietary, dark purple varieties of lettuce that contain record high amounts of antioxidant polyphenols. Remarkably, the antioxidant capacity and polyphenol content of **Rutgers Scarlet Lettuce™** is almost 3 times higher than that of blueberries, previously considered champions of healthy foods. Chlorogenic acid, quercetin derivatives and anthocyanins are the main polyphenols in Rutgers Scarlet Lettuce and its extract. These compounds offer protection against aging, inflammation, mechanical and chemical damage and sun exposure in addition to whitening effects associated with quercetin.

Nutrasorb LLC develops and markets a broad range of proprietary, functionally-enhanced and standardized ingredients with naturally concentrated, functionally-enhanced, stabilized, and bioavailable phytoactives from fruits and vegetables produced with innovative and proprietary Nutrasorb technology. Our ingredients are developed by researchers from major US universities and are scientifically validated and quality controlled.

For scientific publications describing Nutrasorb technology visit: [www.nutrasorb.com/research.html](http://www.nutrasorb.com/research.html)

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