SNAIL EXTRACT
**Common Name**  
Snail

**Latin Name**  
*Helix pomatia.*

**INCI Name**  
Snail secretion Filtrate

**Main component**  
protein, glucose, vitamins B, calcium, chondroitin sulfate

**Efficacy**  
Moisturizing, Anti-wrinkle, Anti-aging, Anti-Oxidant, Treating burn

The serum secreted by these snails have a powerful antioxidants which protect them from an atmosphere full of oxygen radicals. When the serum is applied to fibroblasts, it enhances the proliferation and functional capability of these cells. Fibroblasts are responsible for generating all the elements of the skin matrix, including collagen, elastin fibers, glycosaminoglycans and proteoglycans. The latter two provide firmness, strength, suppleness, and elasticity for the skin by containing water.
**Chondroitin sulfate power**

**Chondroitin sulfate** is a sulfated glycosaminoglycan composed of a chain of alternating sugars (N-acetylgalactosamine and glucuronic acid). A chondroitin chain can have over 100 individual sugars, each of which can be sulfated in variable positions and quantities. Chondroitin sulfate is an important structural component of cartilage and provides much of its resistance to compression. And also it has a very strong affinity with water and will draw in additional water.
The data in this figure show the effect of Chondroitin sulfate on the hyaluronidase activity. A significant decrease in hyaluronidase activity (118 ± 16 U/ml) was shown at a concentration of Chondroitin sulfate of 0.1 mg/ml compared with that in the absence of Chondroitin sulfate (279 ± 18 U/ml). The hyaluronidase activities were progressively inhibited with increasing Chondroitin sulfate concentrations and completely blocked at concentrations of 10 µg/ml or higher.

Ref. Anti-Hyaluronidase Oligosaccharide Derived from Chondroitin Sulfate AEffectively Reduces Polyspermy During In Vitro Fertilization of Porcine Oocytes, 2005
APPLICATION

SNAIL EXTRACT

Body care

Skin care

Baby care

Lip care
Most of Korea cosmetic bland has snail concept line. It is common ingredient for cosmetic field in Korea. Of course, Customer usually used to these kinds of products for moisturizing care. SNAIL extract can applied various type cosmetic product. It can be applied cream, emulsion, BB cream, Mask pack and so on.
Thank you