

New Phytelene Complexes for Synergic Cosmetic Activities

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Introduction

The skin is a complex system whose health depends on numerous complementary mechanisms. In order to obtain an optimal result for a specific cosmetic application, it is important to act on several biological mechanisms and at various skin levels to develop a synergy of activities.

With that in mind, our company continually develops complexes to fit specific cosmetic applications. Each of these complexes associates selected plants or macroalgae according to the synergic activities their active principles have at various skin levels.

This year, we have developed three new multifunctional botanical Phytelene Complexes.

Firstly, Phytelene Complex 'Alpine Herbs' is composed of six plant extracts selected to energise and to promote body well-being. Also called EGX 291 BG, it combines plants that were selected for their synergetic and complementary activities. It relieves leg congestion, stimulates microcirculation, has antiseptic properties, energises and tones the skin.

Secondly, the Phytelene Complex 'Hair Strength', or EGX 292 BG, is a mix of four plants that improve hair strength. This complex purifies the skin, balances scalp sebum and reinforces hair bulb health, allowing the growth of a healthy and beautiful hair shaft.

Finally, the Phytelene Complex 'Lightening', also known as EGX 293 BG combines four plants able to reinforce a lightening effect on the skin by promoting uniformity of tone and luminosity.

Thanks to its large range of Phytelene Complexes and to these three new botanical Phytelene Complexes, our company can offer a high variety of multifunctional products to meet requirements for various cosmetic formulations.

Phytelene Complex 'Alpine Herbs'

Firstly, we have developed the Phytelene Complex 'Alpine Herbs' in order to rejuvenate the skin and to improve body well being.

This complex combines the 6 following Alpine herbs: gentian (*Gentiana lutea*), arnica (*Arnica montana*), pine (*Pinus sylvestris*), balm (*Melissa officinalis*), juniper (*Juniperus communis*) and St John's wort (*Hypericum perforatum*) (Figure 1).

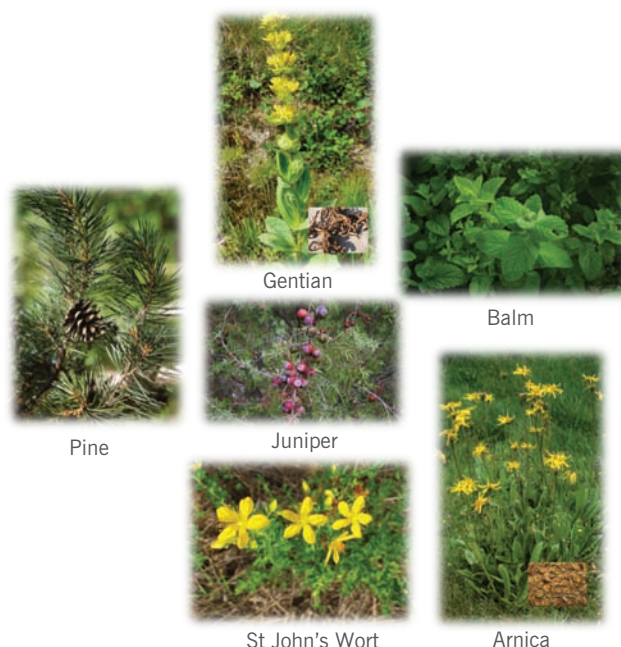


Figure 1. Alpine herbs composing the Phytelene Complex for body well-being

Consequently, it includes many important molecules and compounds such as essential oils, flavonoids, phenolic derivatives, chlorogenic and caffeic acids, bitter heterosides, polysaccharides, mineral salts and trace elements.

In fact, Alpine herbs concentrate various ingredients with complementary activities (Figure 2). More especially, Alpine herb properties are considered for their capacity to relieve heaviness