



GREEN MOUNTAIN
BIOTECH

BOTANIPLEX™
CLEAR



Botaniplex™

Multifunctional herbal blends for skin health

Botaniplex™ products are high-quality, potent, multifunctional blends of herbal extracts developed to address specific skin conditions, treating them efficiently and safely.

The products are blended from herbal extracts produced at ISO9001 facility. The herbal raw materials, obtained from reliable suppliers, originate in regions of China that grow the best quality medicinal herbs. After incoming Quality Control (QC) tests, the herbal material is subjected to our own proprietary extraction and purification steps. This results in liquid, easy to formulate extracts enriched in the desired phytochemicals and depleted of unwanted plant materials and contaminants. The extracts are subjected to rigorous QC tests before blending and further checks after formulation into Botaniplex™ products.



Botaniplex™ CLEAR

Face the world again with CLEAR skin!

Botaniplex™ CLEAR is a powerful herbal blend designed to treat inflamed pimples, including pustular boils, and acne lesions caused by bacterial and fungal infections. With strong anti-inflammatory and antimicrobial properties, it soothes redness, reduces swelling, and restores balance.

By addressing key factors like *Staphylococcus aureus* infections, microbial imbalances, and inflammation, **Botaniplex™ CLEAR** offers a natural, effective solution for healthier, calmer skin.

INCI Name: Glycerin, Water, *Phellodendron chinense* bark extract, *Sanguisorba officinalis* root extract, *Rheum palmatum* root extract, *Portulaca oleracea* extract, *Chrysanthemum indicum* flower extract, *Scutellaria baicalensis* root extract

Preservative free
100% natural origin



Chrysanthemum indicum
(Chrysanthemum)



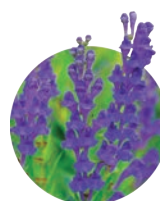
Phellodendron chinense
(Chinese Cork Tree)



Portulaca oleracea
(Purslane)



Rheum palmatum
(Rhubarb)



Scutellaria Baicalensis
(Skullcap)

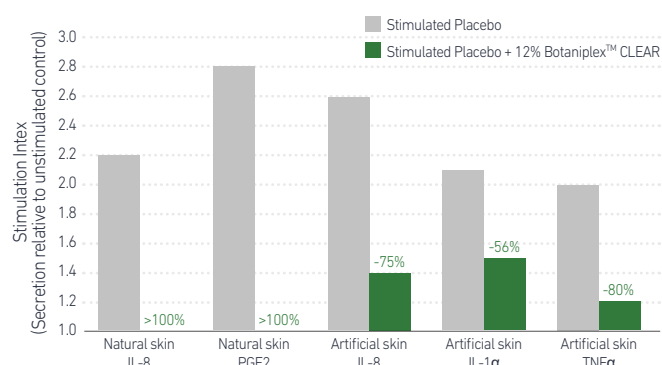


Sanguisorba officinalis
(Great Burnet)

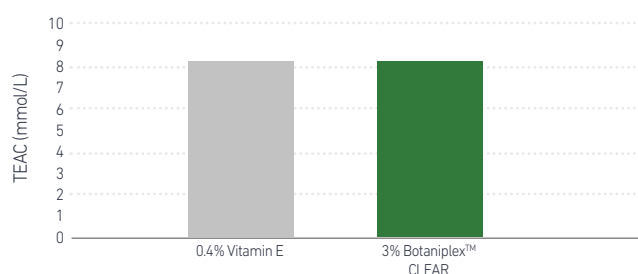
In-vitro Inflammation

3D skin inflammation models

Botaniplex™ CLEAR decreases secretion of pro-inflammatory mediators from natural and artificial skin subjected to inflammation-inducing stimulus



Antioxidative capacity of 3% **Botaniplex™ CLEAR** is equivalent to 0.4% Vitamin E used in cosmetic products.



Anti-oxidant activity model, using DPPH radical scavenger (indicator of anti-oxidant activity) TEAC - Trolox (Vitamin E derivative)
Equivalent Antioxidant Capacity

In-vivo Botaniplex™ CLEAR is more effective than Salicylic acid

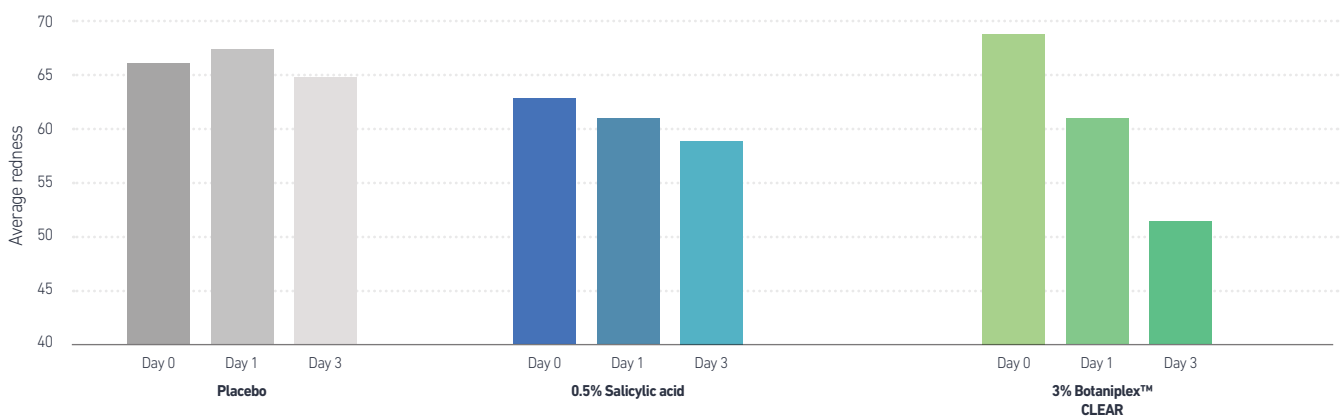
Objective: Efficacy and safety of Acne Patch containing 3% Botaniplex™ CLEAR.

Design: Randomized, Double Blind, Three Arms: Placebo, 0.5% Salicylic acid and 3% Botaniplex™ CLEAR.

Study Population: 15 volunteers with 3 inflamed acne pimples.

Results: Significant decrease in level of redness of the inflammatory lesions, after 1 and 3 days of use of patch with 3% Botaniplex™ CLEAR

Redness contrast intensity



In-vivo Botaniplex™ CLEAR patch quickly resolves acne

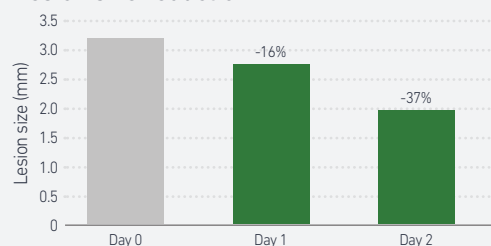
Objective: Efficacy and Safety of Acne Patch containing 3% Botaniplex™ CLEAR and 0.5% Salicylic acid.

Study Population: 10 volunteers with acne.

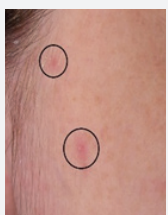
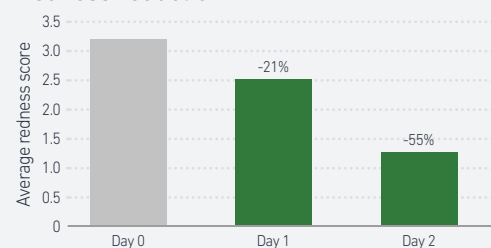
Results:

- Single application of patch containing 3% Botaniplex™ CLEAR is effective and safe in treating inflammatory lesions just after one and two days.
- 100% satisfaction with the product.

Lesion size reduction



Redness reduction



Day 0



Day 1



Day 2

In-vivo

Botaniplex™ CLEAR - Reduction in visible acne

Objective: Efficacy and safety of Acne Spot Treatment Gel containing 12% Botaniplex™ CLEAR + 2% Salicylic acid.

Study Population: 24 adult volunteers with mild to moderate acne.

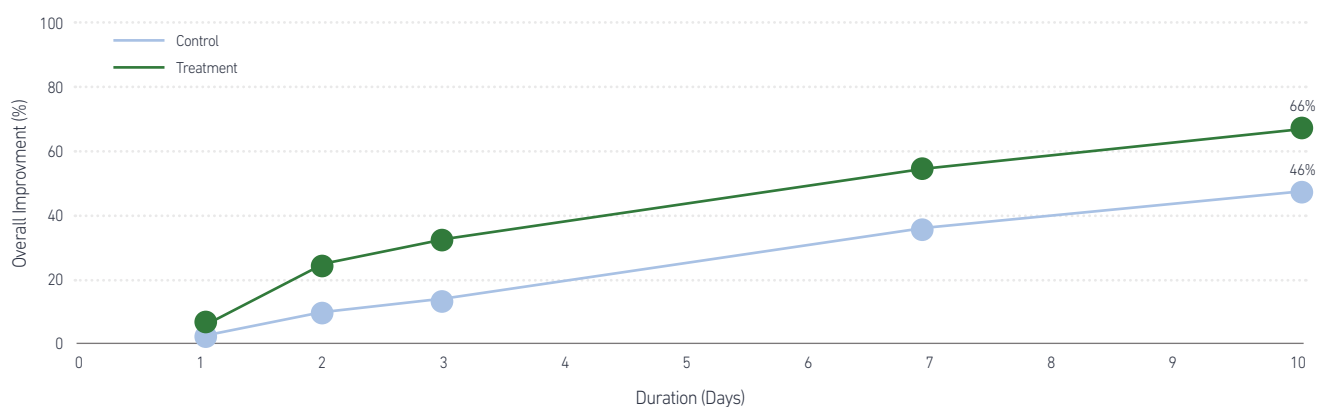
Design: Split-face study. One side was randomly selected to receive Acne Spot Treatment Gel.

Results:

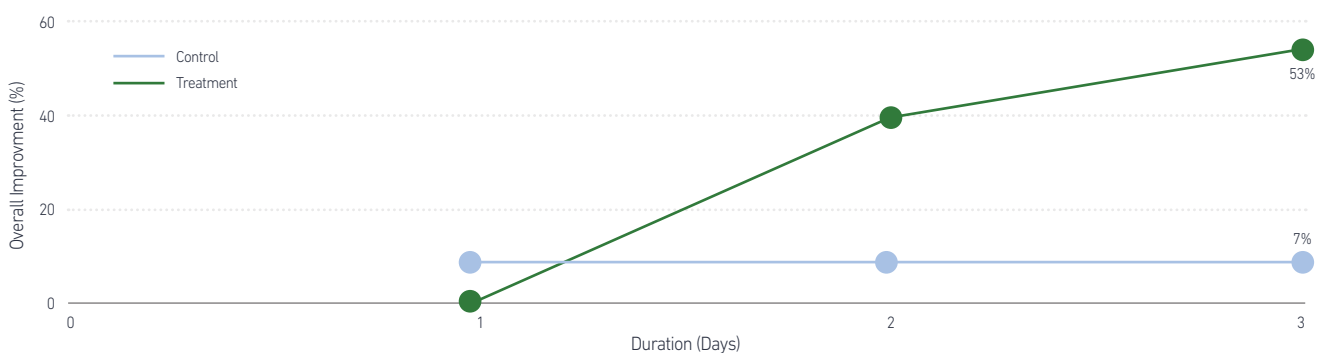
- Effective after just 5 applications (36 hours/ 1.5 days).
- Dramatic reduction of visible acne.
- Reduction of redness (erythema), especially in inflammatory lesions.

Overall improvement of inflamed lesions

Total population, N=24



Females under 18, N=5



Claims:

- ☞ Clears spots and pimples
- ☞ Soothes redness and irritation
- ☞ Microbiome balance

- ☞ Anti-oxidant
- ☞ Anti-pigmentation

Possible Applications:

- ☞ Face & body care: Gels and lotions
- ☞ Facial care: Masks & patches

Patent Granted: "Synergistic herbal compositions with prebiotic properties for treatment of acne"
WO2018087766 A1

**Recommended
use level:** 1-12%

Formulation: Water miscible. Incorporation during the cooling phase (<40°C). Temperatures of up to 60°C for a short time do not affect the stability

Quality & Sustainability

Green Mountain Biotech is committed to minimizing its impact on the environment by sustainable sourcing and responsible use of resources. This includes awareness of the importance of plant biodiversity and conservation, and sensitivity to the communities who grow the medicinal herbs. In our own operations,

We use manufacturing and packaging materials as efficiently as possible, recycling solvents, and disposing of waste in an environmentally appropriate manner. Botaniplex™ products are COSMOS approved as genuine natural cosmetics produced to the highest feasible sustainability standards.

Also available from Green Mountain Biotech

GMB Herbal Extracts.
Multifunctional botanical extracts to
address skin concerns



Angelica polymorpha sinensis
root extract

Supports blood flow (microcirculation).



***Glycyrrhiza glabra* (Licorice)**
root extract

Multifunctional agent for inflamed
and aged skin



Chrysanthemum indicum flower
extract

A Natural Shield for Pollution-
Stressed Skin.



Sapindus mukorossi
fruit extract (Soap Nut)

Multifunctional agent for skin cleaning.



Portulaca oleracea extract
(Purslane)

For skin burns.



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