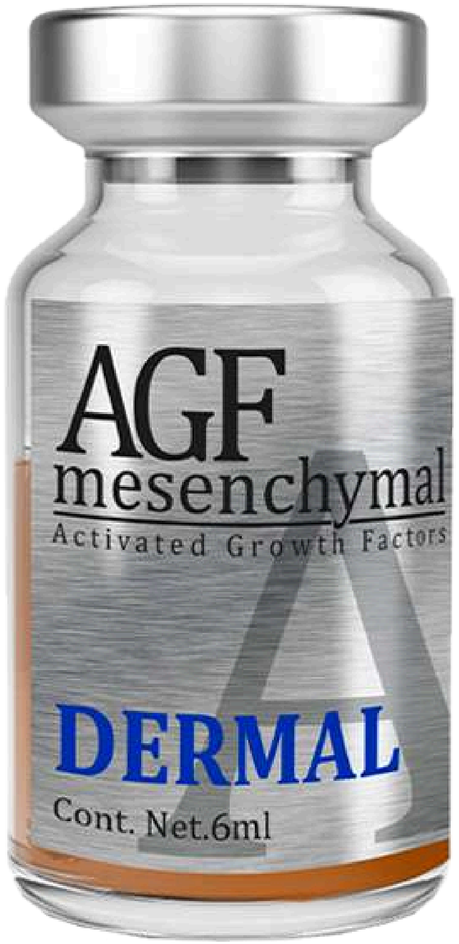
AGF mesenchymal®

Activated Growth Factors



AGF DERMAL
PROFESSIONAL LINE

AGF mesenchymal®
Activated Growth Factors
DERMAL

AGF DERMAL BENEFITS:

Biostimulation and Cellular Regeneration:

The presence of growth factors and exosomes stimulates cellular activity, promoting skin regeneration and improving its overall health.

Excellent Absorption:

The product formulation has been designed for efficient absorption, allowing the active ingredients to penetrate the deeper layers of the skin effectively.

Increase Collagen and Elastin Production Naturally:

The product works to naturally increase collagen and elastin production, thus helping to improve skin firmness and elasticity.

Significantly Improves Acne Sequelae:

Its ability to regenerate skin and stimulate collagen production can significantly help reduce the after-effects and scars left by acne.

Anti-wrinkle:

The combined action of growth factors and exosomes helps reduce the appearance of wrinkles, decreasing both their length and depth.

Shortens the Recovery Time of Any Abrasive Treatment:

The product can be used as a supplement to accelerate skin recovery after more intensive or abrasive treatments.

AGF Mesenchymal Dermal, a cutting-edge skincare product, is distinguished by its exceptional ability to enhance skin regeneration. Its innovative formula is based on abundant proteins, specifically exosomes and growth factors secreted by mesenchymal stem cell cultures. This unique combination promotes cellular metabolism, triggering the activation of natural collagen and elastin production. As a result, it significantly reduces both the length and depth of wrinkles, dark spots, and acne scars, resulting in a visible transformation in the skin's appearance.

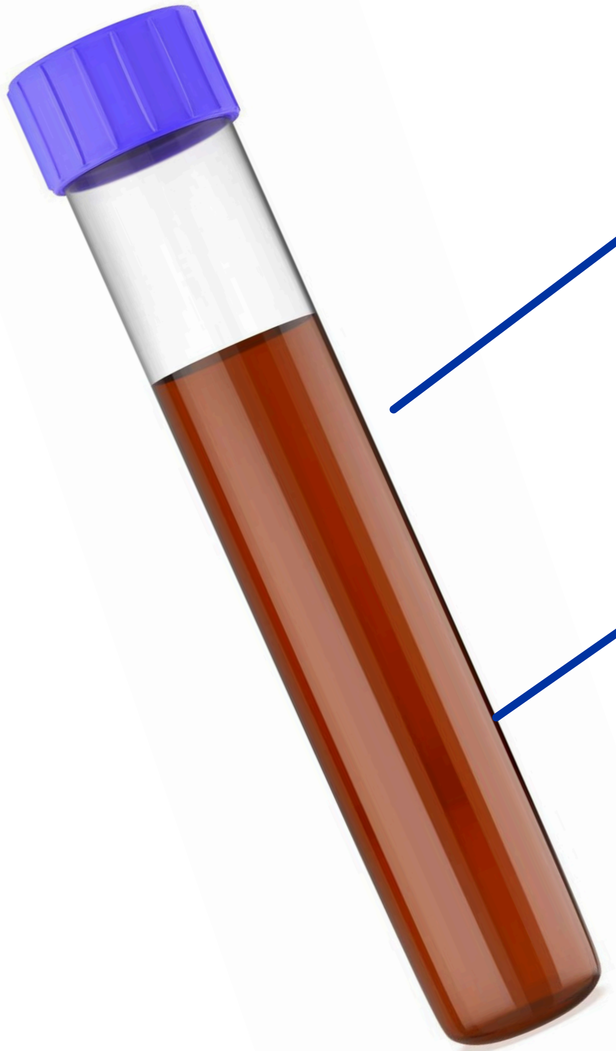
The exceptional benefits of **AGF Mesenchymal Dermal** These include its biostimulation and cell regeneration capabilities, allowing the skin to reach its full potential for vitality. Furthermore, its unique formula ensures excellent absorption, facilitating the penetration of the active ingredients for more effective results. It also stimulates the natural production of collagen and elastin, which contributes to lasting improvements in skin elasticity and firmness. This product is positioned as an effective ally against the signs of aging, acting as a powerful anti-wrinkle agent.

In addition, it has proven effective in significantly improving the after-effects of acne, providing a comprehensive solution for those seeking radiant, blemish-free skin.

It also stands out for significantly shortening the recovery time after abrasive treatments, offering an advanced and efficient skin care option that goes beyond the surface, working at the cellular level to revitalize and rejuvenate.

PRODUCT RESERVED FOR PROFESSIONALS

COMPONENTS:



Growth factors secreted by mesenchymal stem cells

- They increase cellular mobility.
- Improves cell structure.
- Mediators of inflammation and immune responses.
- They regenerate and repair fibroblasts and keratinocytes.

Extracts of Laminaria Digitata

- It is a reactivator, protector, cell stimulator and anti-wrinkle agent at the dermis level.
- Rejuvenation of adult dermal stem cells.
- Fibroblast rejuvenation.
- Stimulation of collagen synthesis.
- Wrinkle reduction.
- Softening - smoothing effect on the skin's micro-relief.

COMPONENTS:

Croton lechleri extract:

•It has been used traditionally since ancient times and in modern times it has been studied demonstrating its medicinal properties as a healing agent attributed to its set of secondary metabolites such as the alkaloid Taspine, as well as antiviral and bacterial activity due to the content of the principle SP-303, an oligomeric proanthocyanidin with antiviral action and lignans dehydrobenzofurans.

Hydroxyethyl Urea

• Moisturizer: It attracts moisture so that when applied to the skin or hair, it forms a water-permeable film and draws water from the surrounding environment. Therefore, when used on dry skin, it can increase moisture levels. Furthermore, its smaller molecule allows it to easily participate in various topical physiological reactions.

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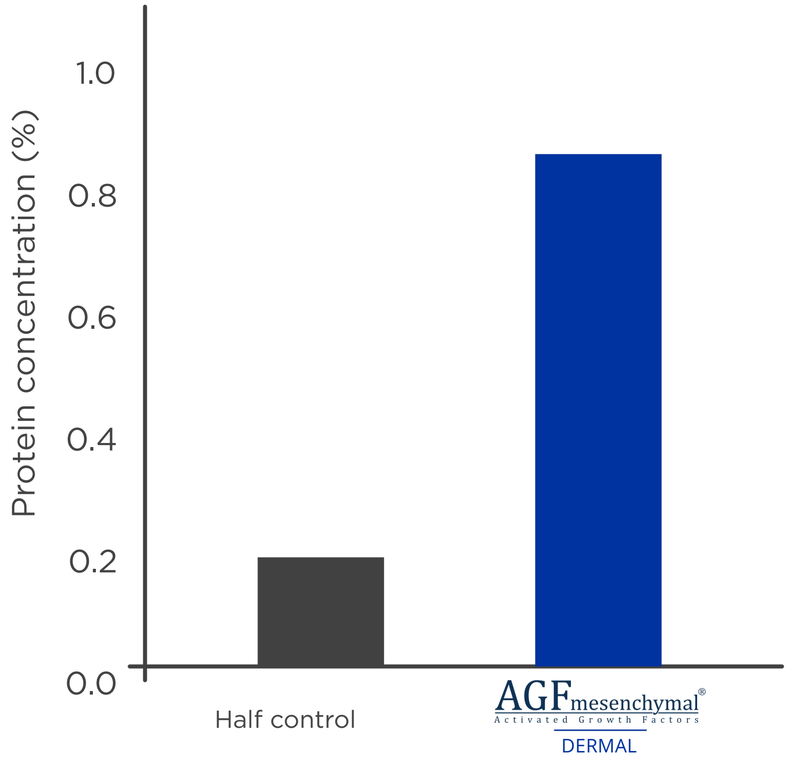
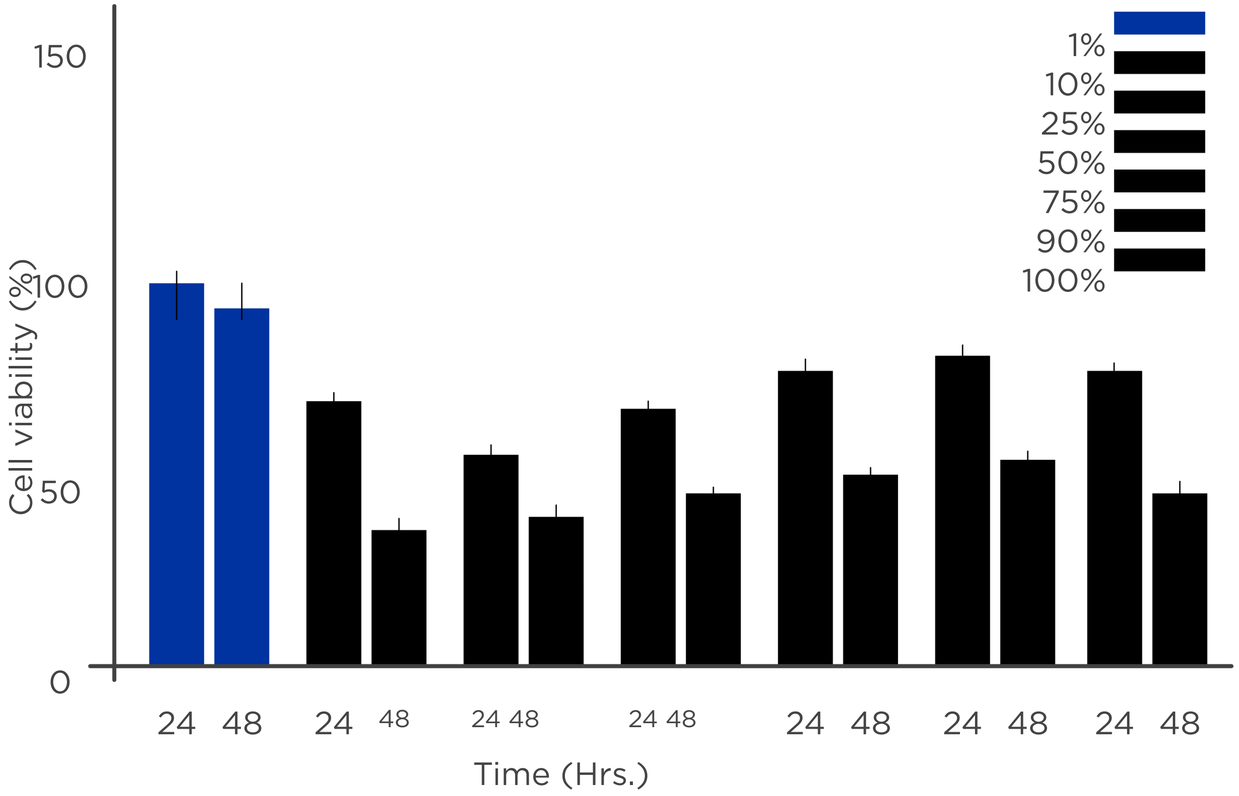
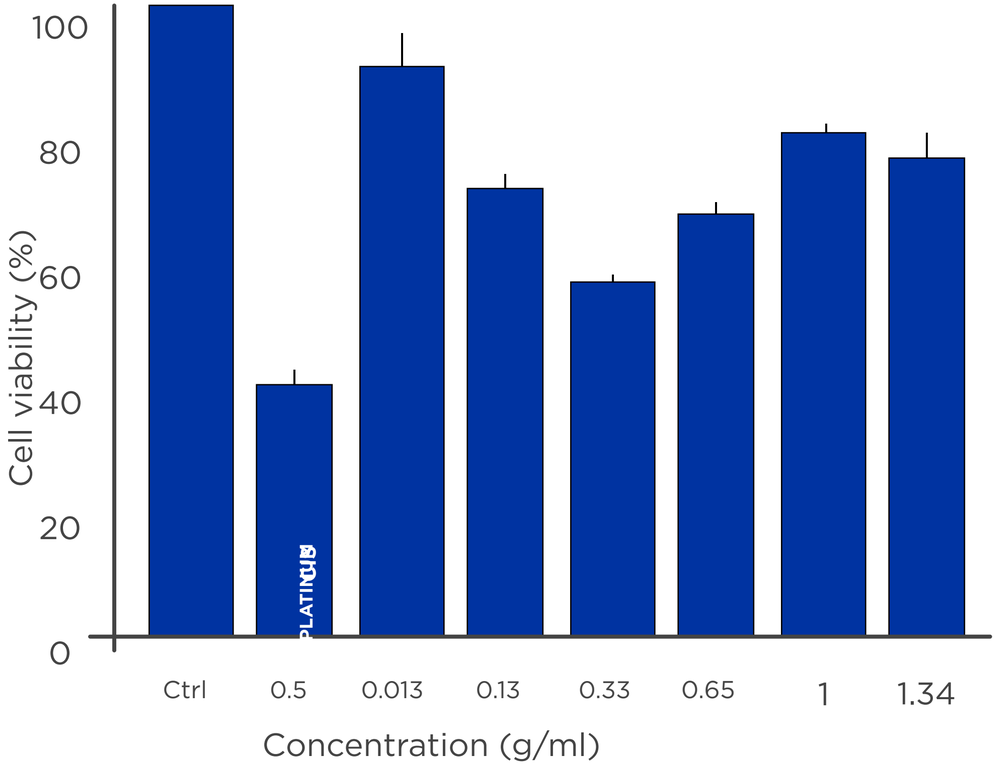
It shows a protein content greater than 0.70 mg/ml (results obtained using the Bradford method). Due to the protein levels contained in AGF MESENCHYMAL DERMAL, its application and use are reliable, ensuring the desired effect. (Figure 1)



Toxicity evaluation of AGF Mesenchymal Dermal. Application of the product at different concentrations (g/ml) to cultured cells for 24 hours demonstrated adequate viability percentages compared to CIS Platinum, a highly toxic compound at the cellular level. The photographs show healthy, viable cells after product application. Scale bar: 100 µm. CIS Source: CIATEJ

Particularly in the case of AGF MESENCHYMAL DERMAL, an improvement in induced cell viability was observed when applying the product, which is exceptional since this product is intended for the treatment of external skin lesions, which could increase cell regeneration.





Product features

Concept	Feature
Cosmetic form	Serum
Color	Café
Presentation	6ml.
Texture	It is slightly viscous, fat-free
Hydration	Provides maximum hydration due to its consistency.
Parabens	Does not contain parabens

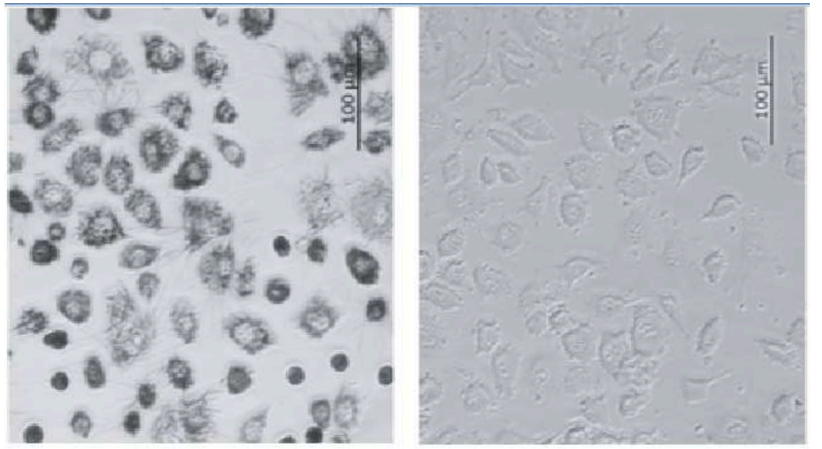
The samples were processed and analyzed according to the criteria recommended for “Normally sterile biological fluids” in compliance with ISO 15189 Quality regulations in the “Clinical Microbiology Laboratory”.

Microscopic analysis of both fresh preparations and Gram stains did not reveal the presence of cells, bacteria, or any biological residue at the time of analysis.

The results obtained in the microbiological cultures

demonstrated the absence of microbial development.

The cytotoxicity index is less than 30% and was confirmed by morphological analysis; therefore, the samples do not cause damage or cytotoxicity to cells.

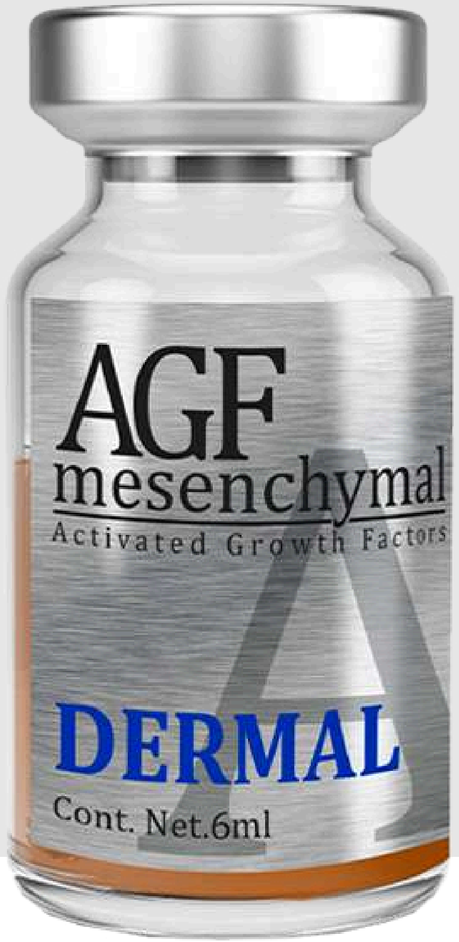


The determination of protein concentration in the AGF MESENCHYMAL DERMAL sample showed a value of 0.742 mg/ml, a value that represents a higher protein level compared to the control.

Results Report prepared by CIATEJ
Guadalajara Headquarters.

PRESENTATIONS:

Individual



5 Vials

AGFmesenchymal®

Activated Growth Factors

livecells
cosmeceutical biotechnology

AGF mesenchymal®
Activated Growth Factors

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