

AGFmesenchymal[®]

A c t i v a t e d G r o w t h F a c t o r s

PROFESIONAL LINE
AGF DERMAL



AGF DERMAL BENEFITS:

AGFmesenchymal[®]
Activated Growth Factors
DERMAL

Biostimulation and Cellular Regeneration:

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

Excellent absorption:

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

Increases Collagen and Elastin Natural Production:

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

Significantly Improves Acne Sequelae:

Its ability to regenerate the skin and stimulate collagen production can significantly help reduce the scarring and scarring left by acne.

Anti-wrinkle:

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

It shortens the recovery time of any abrasive treatment:

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





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

The exceptional benefits of AGF Mesenchymal Dermal include its ability to biostimulate and

regenerate cells, allowing the skin to reach its maximum vitality potential. In addition, its unique formula ensures excellent absorption, facilitating the penetration of active ingredients for more effective results. The natural stimulation of collagen and elastin production, as this contributes to improve the elasticity and firmness of the skin in a lasting way. This product is positioned as an effective ally against the signs of aging, acting as a powerful anti-wrinkle agent.

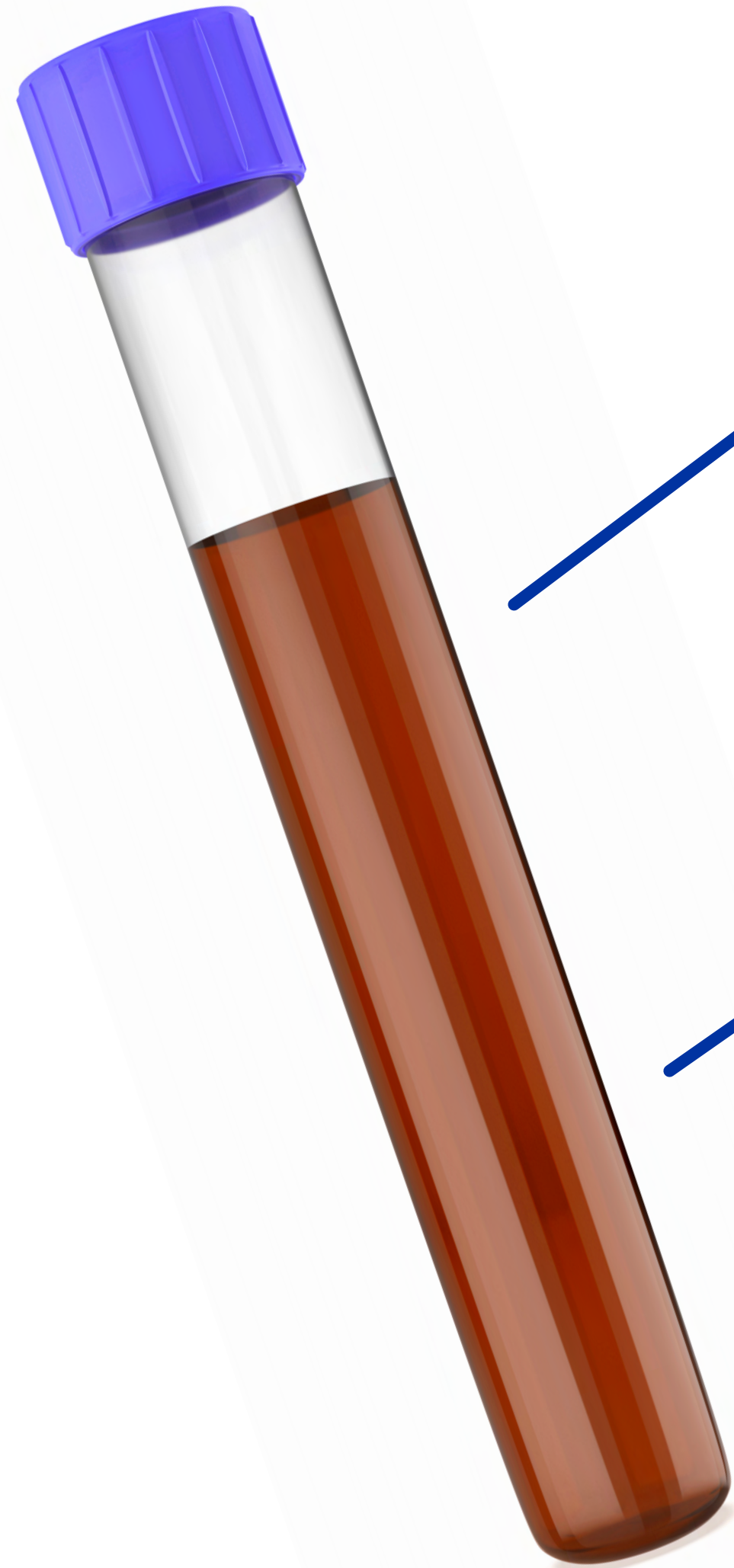
In addition, it has proven effective in improving noticeable improvement of acne sequelae, providing a comprehensive solution for those seeking

radiant, blemish-free skin.

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

**PRODUCT RESERVED
FOR PROFESSIONALS**

COMPONENTS:



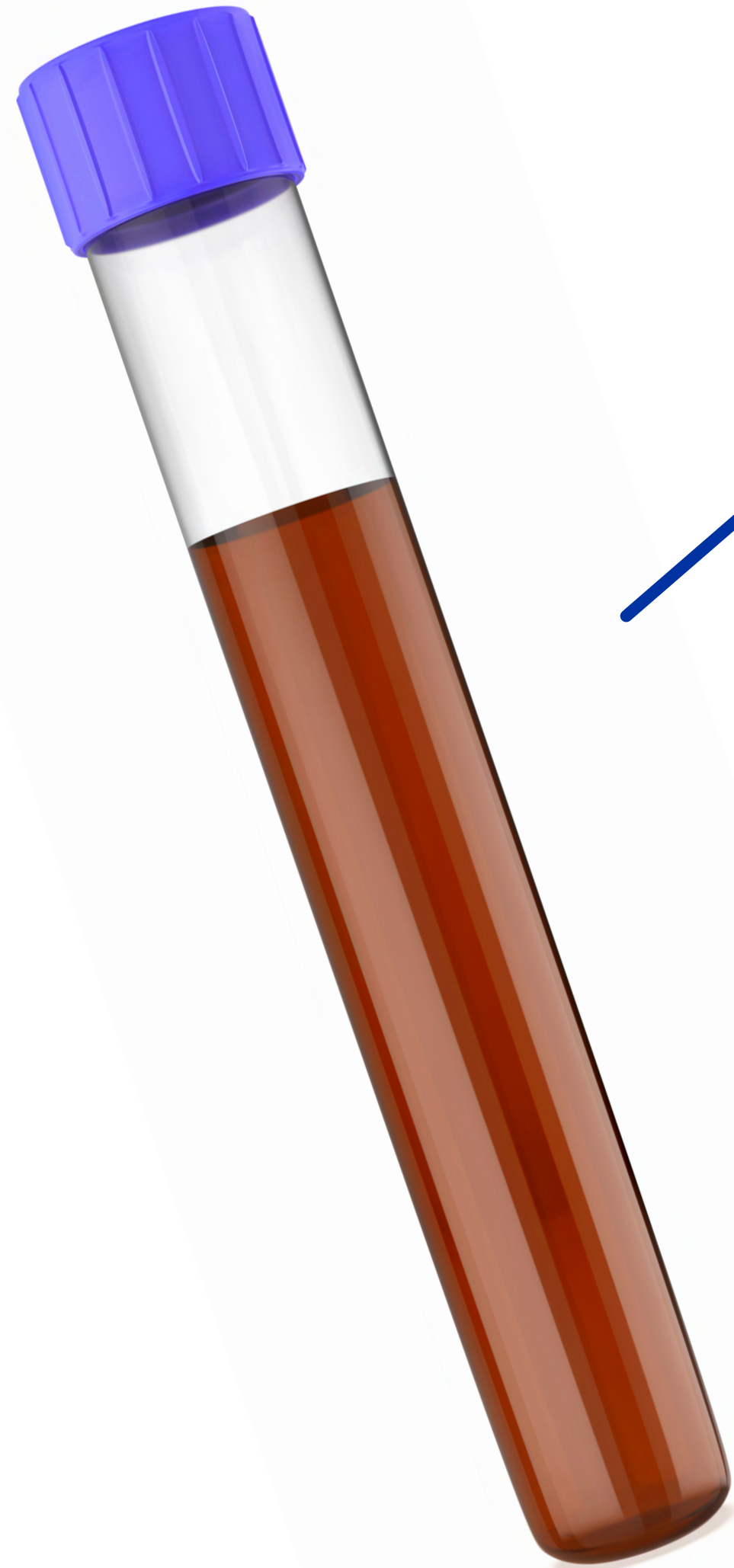
Growth factors secreted by mesenchymal stem cells.

- Increases cell motility.
- Improve cell structure.
- Mediators of inflammation and immune responses.
- Regenerate and repair fibroblasts and keratinocytes.

Extracts of Laminaria Digitata

- It is a reactivator, protector, cell stimulator and anti-wrinkle at the dermis level.
- Rejuvenation of adult dermal stem cells.
- Rejuvenation of fibroblasts.
- Stimulation of collagen synthesis.
- Reduction of wrinkles.
- Smoothing - smoothing effect on the micro relief of the skin.

COMPONENTES:



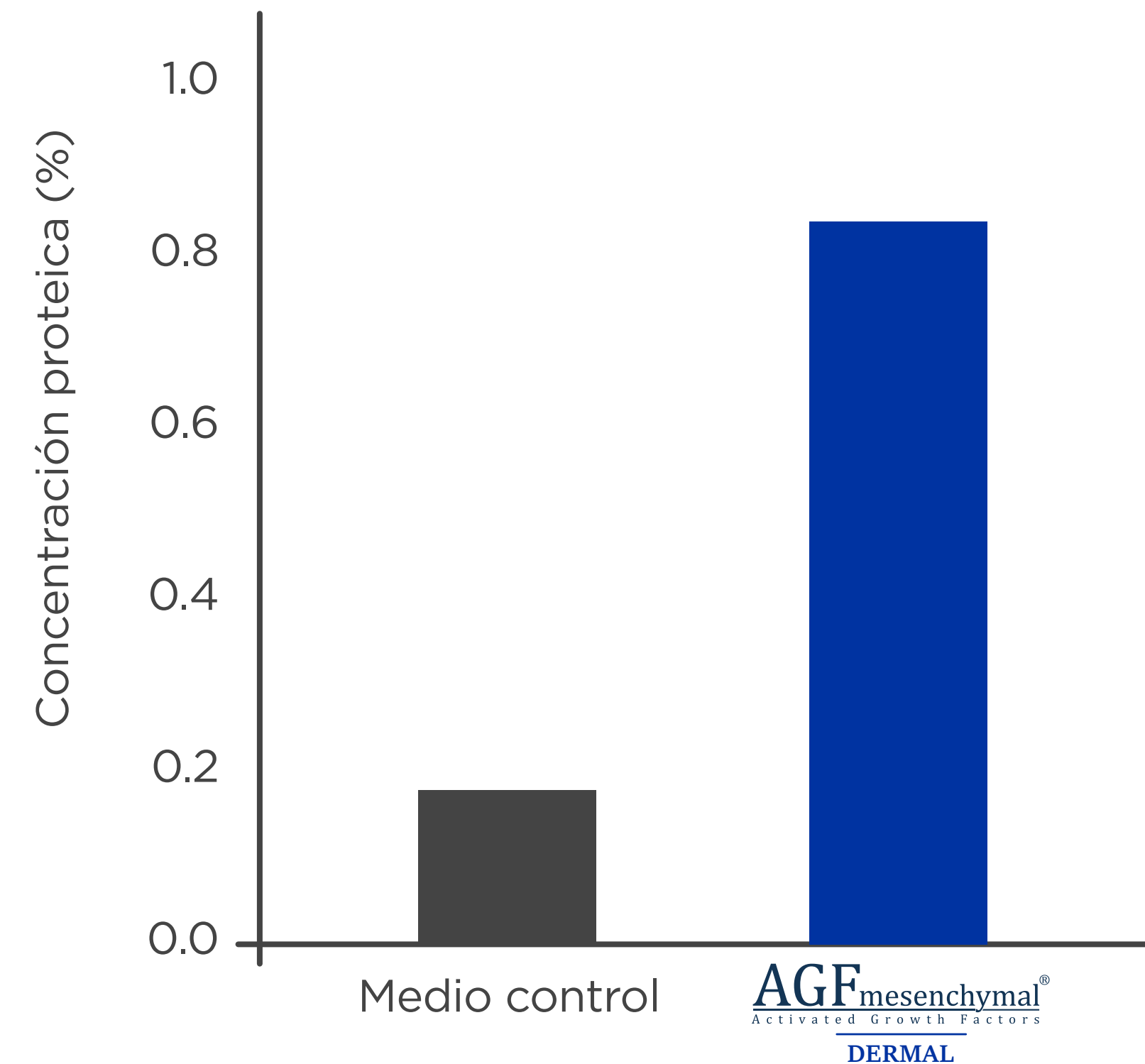
Croton lechleri extract:

- It has been used traditionally since ancient times and in modern times 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 SP-303 principle, an oligomeric proanthocyanidin with antiviral action and dehydrobenzofurans lignans.

Hydroxyethyl Urea

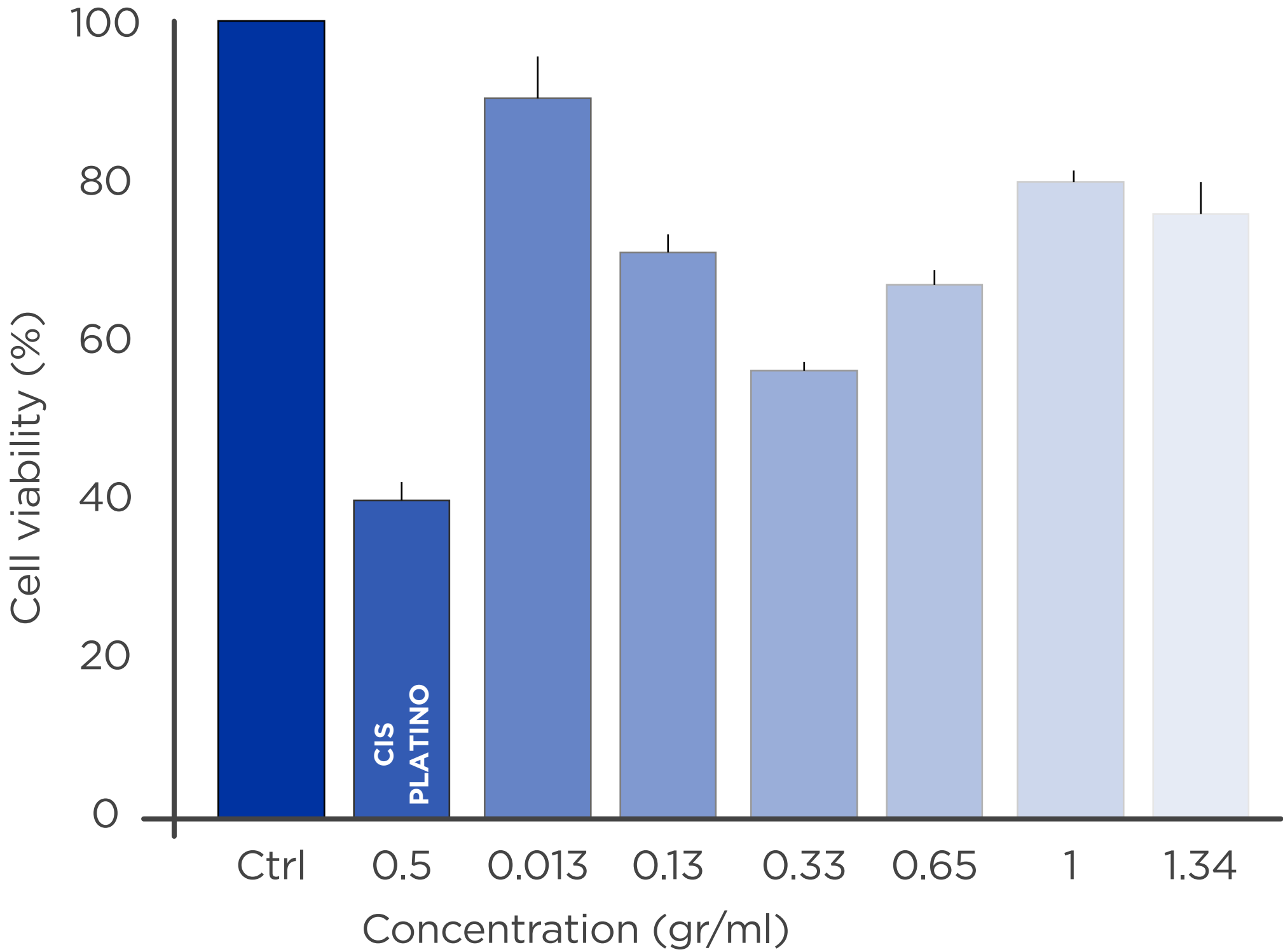
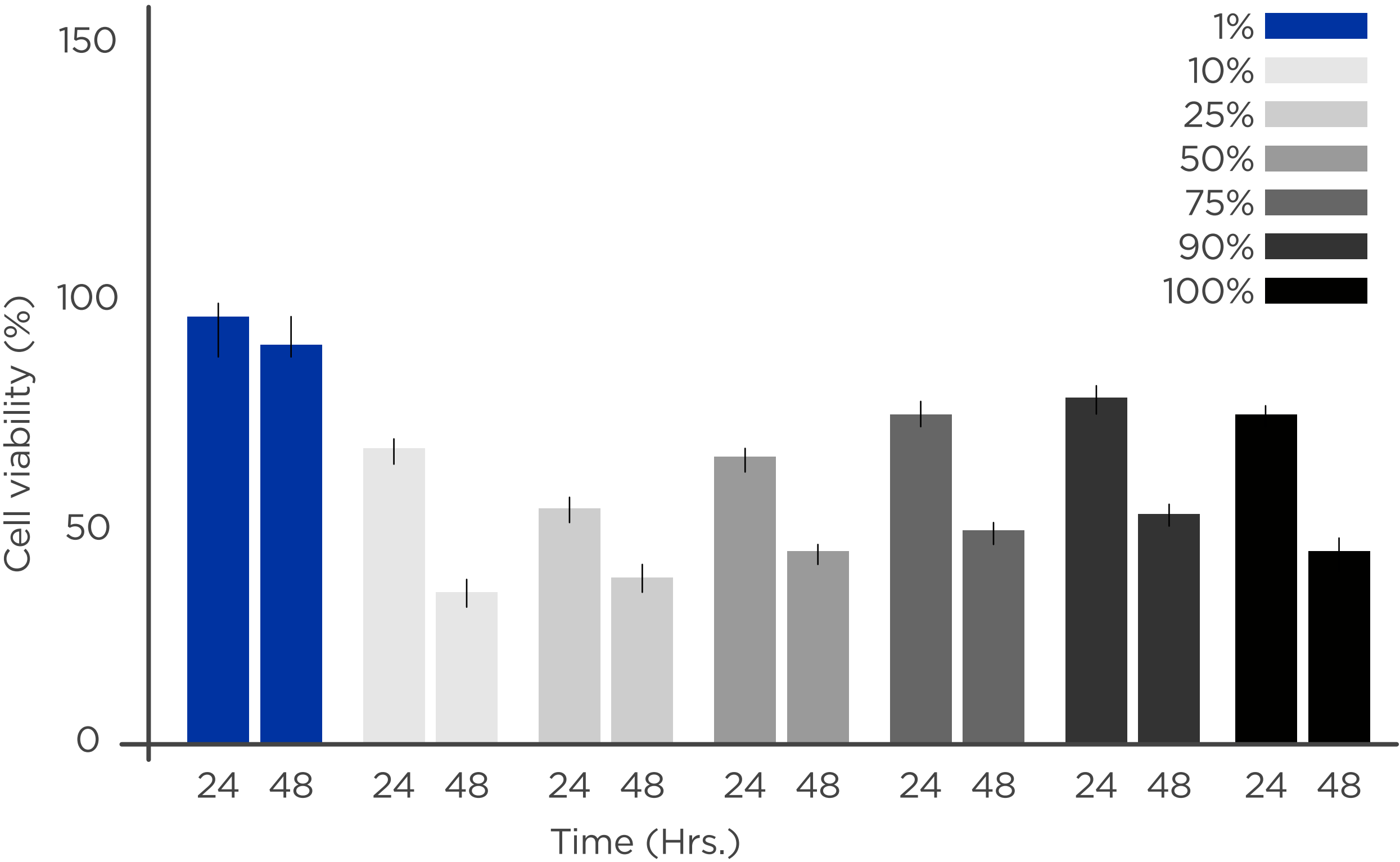
- Moisturizing, it attracts moisture so that when applied on the surface of the skin or hair, it forms a water permeable film and attracts water from the environment. Therefore, when used for dry skin, the skin can get a moisture boost. It is also a smaller molecule and can easily participate in different topical physiological reactions taking place.

It shows an amount of protein higher than 0.70 mg/ml (results obtained by the Bradford method). Due to the levels of protein contained in AGF MESENCHYMAL DERMAL, its application and use is reliable, assuring the desired effect (Figure 1).



Toxicity evaluation of AGF MESENCHYMAL DERMAL. The application of the product in different concentrations (gr/ml) to cells in culture for 24h showed adequate viability percentages in comparison with CIS Platinum, a highly toxic compound at cellular level. The photographs show healthy and viable cells after application of the product. Scale bar 100 Qm. CIS
Source: CIATEJ

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



Product FEATURES

Concept	Characteristic
Cosmetic form	Serum
Color	Brown
Presentation	6ml.
Texture	Slightly viscous, not greasy
Hydration	Provides maximum hydration due to its consistency.
Parabens	Paraben free

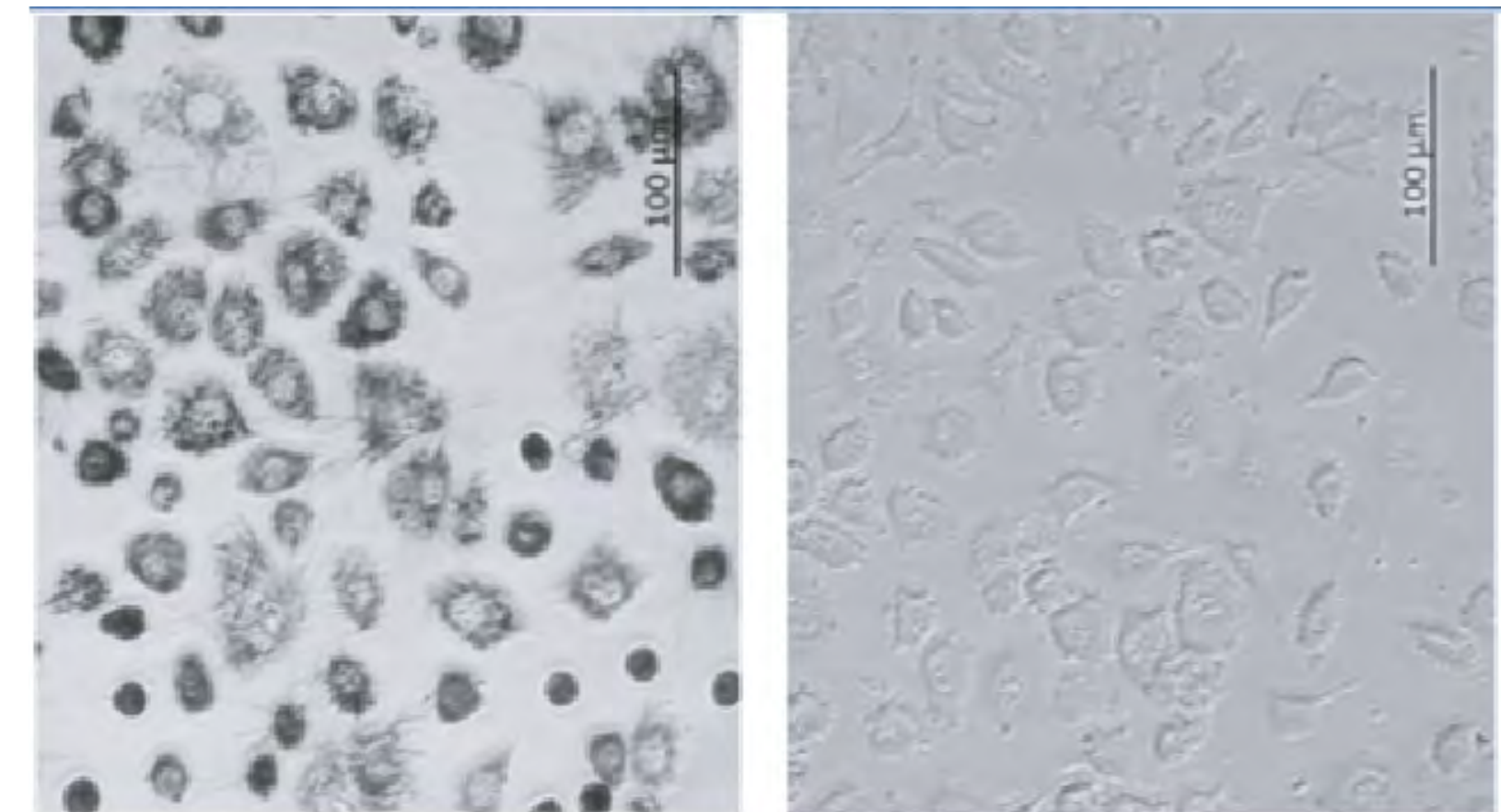
The samples were processed and analyzed according to the recommended criteria for “Biological liquids normally sterile” in accordance with ISO 15189 “Clinical Microbiology Laboratory” quality standard.

Microscopic analyses both in fresh preparation and Gram stains did not show the presence of cells, bacteria or any biological residue at the time of analysis.

The results obtained in microbiological cultures showed the absence of microbial growth.

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

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



Results Report prepared by
CIATEJ Guadalajara Headquarters.

PRESENTATION:

5 Vials



AGF CAPILLARY BENEFITS:

Hair Loss Reduction

Growth factors and exosomes work together to strengthen hair follicles and reduce hair loss.

Hair Body Recovery

Stimulates new hair growth, providing volume and density to existing hair.

Follicle Nutrition

The ingredients nourish the hair follicle, improving the health and vitality of the hair from the root.

More Resistant and Less Brittle Hair

The combination of ingredients strengthens the hair structure, making hair more resistant and less prone to breakage.

Increased Blood Flow to Hair Follicles

Promotes blood circulation in the scalp, which can improve the supply of essential nutrients to the follicles.

AGFmesenchymal[®]
Activated Growth Factors
CAPILLARY





AGF Mesenchymal Capillary, an advanced hair treatment, has proven to be effective in counteracting hair loss and stimulating new hair growth. Its unique formula is based on a special combination of growth factors secreted by mesenchymal stem cell cultures and exosomes. This powerful blend works synergistically to increase oxygenation of cells in the scalp, providing deep nourishment and strengthening hair follicles at their root. The benefits of AGF Mesenchymal Capillary are remarkable and span several areas. First, it significantly reduces hair loss, providing users with an effective solution to this common problem. In addition, the treatment contributes to the recovery of the hair's body, restoring its vitality and natural shine.

By nourishing the hair follicle, **AGF Mesenchymal Capillary** promotes an environment conducive to healthy hair growth.

A crucial aspect of how this innovative treatment works is its ability to increase blood flow to the hair follicles. This increase in blood circulation improves the delivery of essential nutrients to the hair cells, thus optimizing the regeneration process. As a result, hair becomes stronger and less brittle, providing a comprehensive solution for those seeking to strengthen and revitalize their hair.

**PRODUCT RESERVED
FOR PROFESSIONALS**

COMPONENTS:



Exosomes and growth factors secreted from mesenchymal stem cells.

These are applied to the scalp at an adequate concentration, contribute to slow hair loss and revitalize the hair root.

They are proteins that act as:

Biostimulants of the hair follicle through the fibroblast growth factor and beta-catenin.

Regenerating:

They modulate and activate follicle development generating hair growth thanks to epidermal growth factor.

Hydrolyzed Soy Protein:

Provides hydration, strength, capillary resistance, in addition to nourishing and accelerating the growth process. Provides pure amino acids that mimic the proteins present in the hair.

Trace elements:

Hair strength and resistance.

Nourishes and accelerates the growth process.

Moisturizing.

Group B vitamins:

Pyridoxine (B6) - Oxygenates the cells.

Niacin (B3) - Nourishes the hair follicle.

Panthenol (B5) - Helps the absorption of trace elements.

Biotin - Increases blood circulation.

COMPONENTS:



Zinc oxide:

It acts as a powerful regulator in the formation of sebum in the scalp, providing adequate levels and preventing hair loss and loss of resistance of the hair fiber.

Ginseng root:

Improves the proliferation of dermal papilla cells. Therefore, its topical application improves hair regeneration capacity, as it contains:

Saponins: Natural hypoallergenic

Glycosides and Steroids: Increase cell resistance to stress.

Aminoácidos:

Keratin:

Cysteine

Lysine

Arginine

Methionine

Collagen:

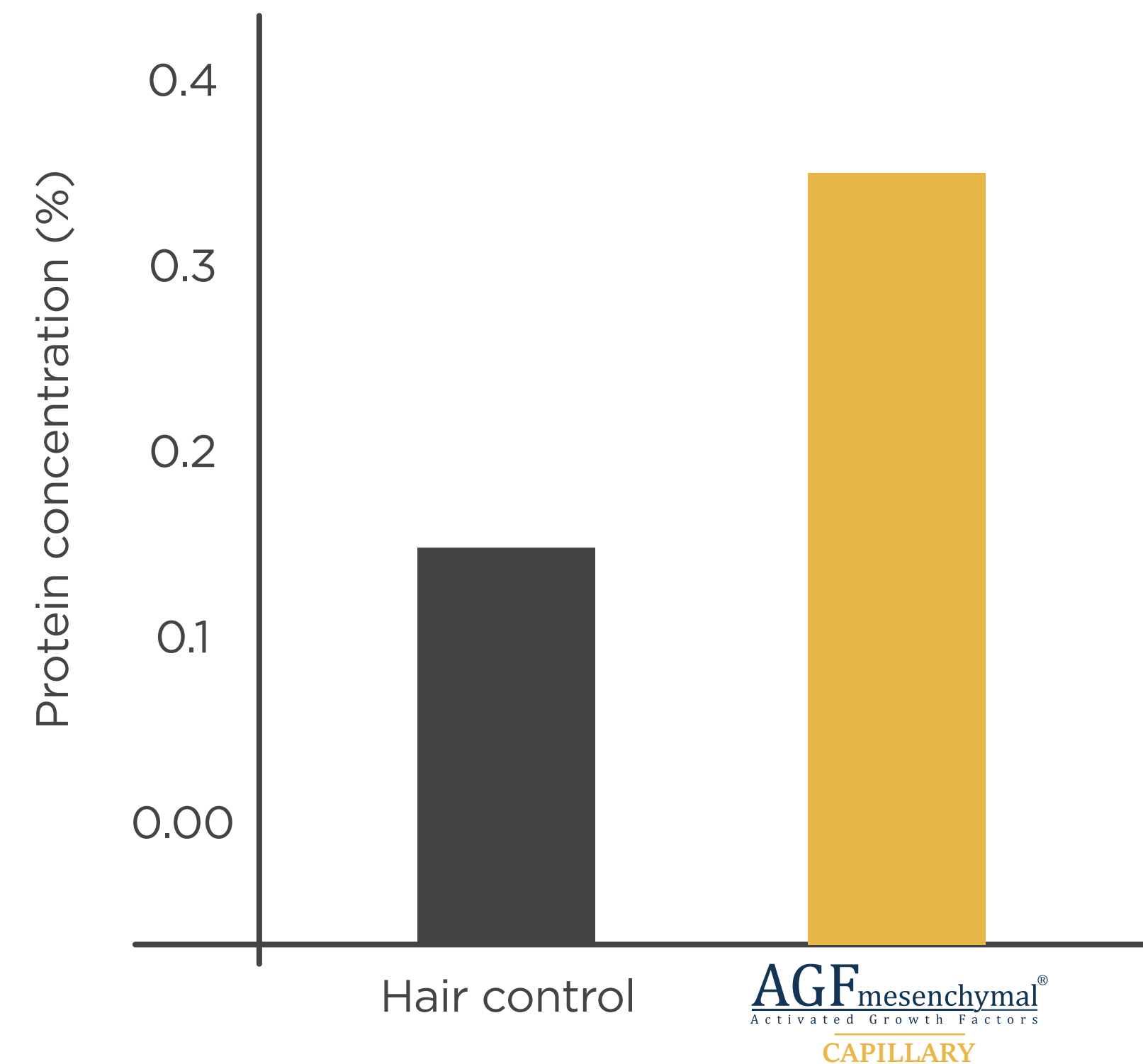
Lysine

Glycine

Methionine

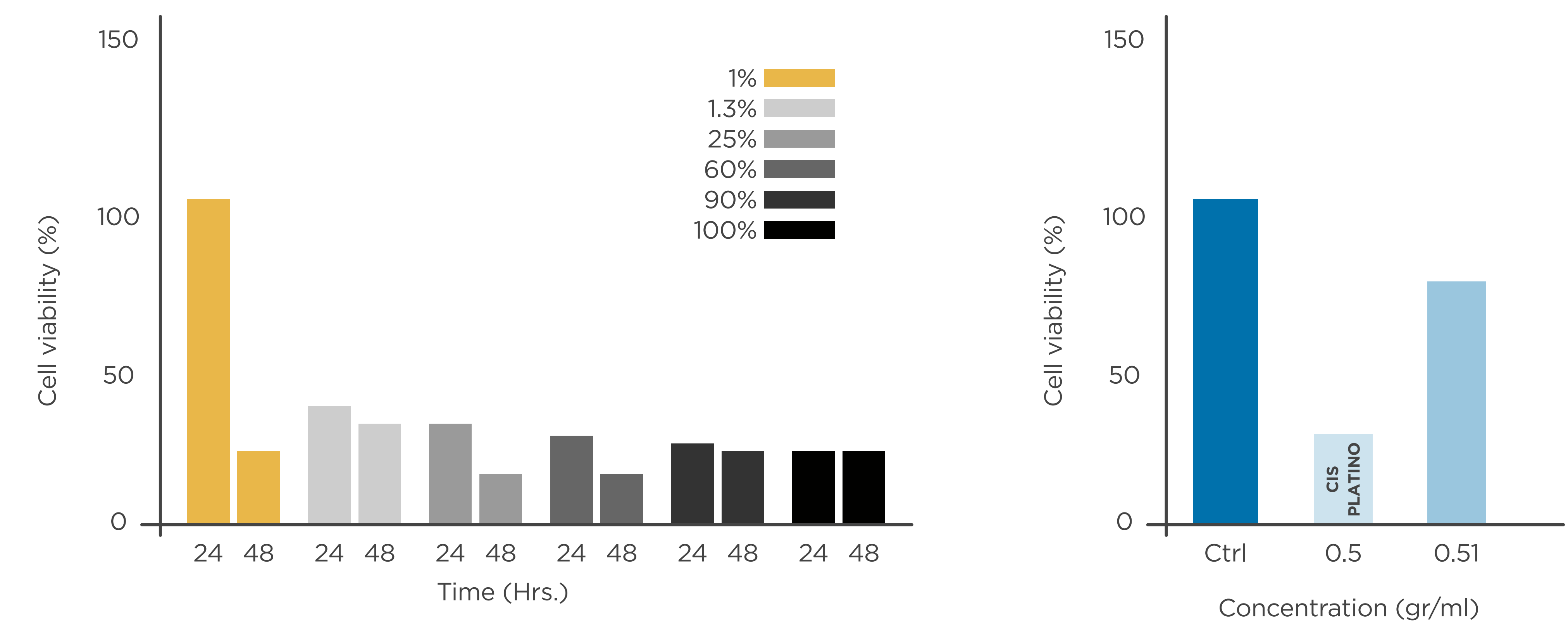
Proline

It shows an amount of protein higher than 0.70 mg/ml (results obtained by the Bradford method). Due to the levels of protein contained in AGF MESENCHYMAL CAPILLARY, its application and use is reliable, assuring to have the desired effect.
(Figure 1)



Toxicity evaluation of AGF MESENCHYMAL CAPILLARY. The application of the product in different concentrations (gr/ml) to cells in culture for 24h showed adequate viability percentages in comparison with CIS Platinum, a highly toxic compound at cellular level. Photographs show healthy and viable cells after application of the product.
Scale bar 100 Qm. CIS
Source: CIATEJ

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



Product FEATURES

Concept	Characteristic
Cosmetic form	Lotion
Color	Yellow
Presentation	6ml.
Texture	Very light (liquid) easily absorbed. Non -oily.
Hydration	Provides maximum hydration due to its consistency.
Parabens	Paraben free
Hypoallergenic	Dermatologically tested and hypoallergenic.

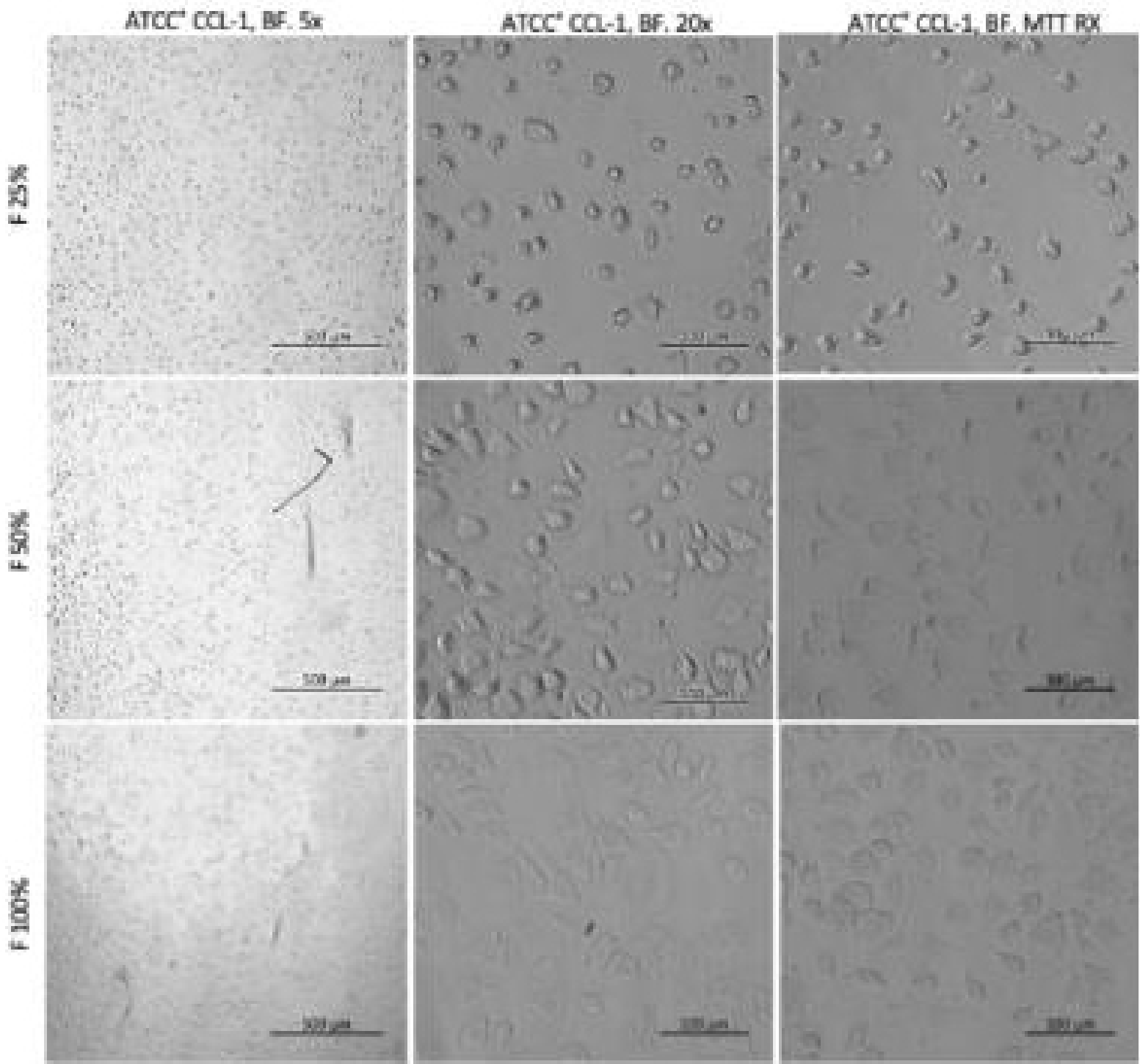
The samples were processed and analyzed according to the recommended criteria for “Biological liquids normally sterile” in accordance with ISO 15189 “Clinical Microbiology Laboratory” quality standard.

Microscopic analyses both in fresh preparation and Gram stains did not show the presence of cells, bacteria or any biological residue at the time of analysis.

The results obtained in microbiological cultures showed the absence of microbial growth.

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

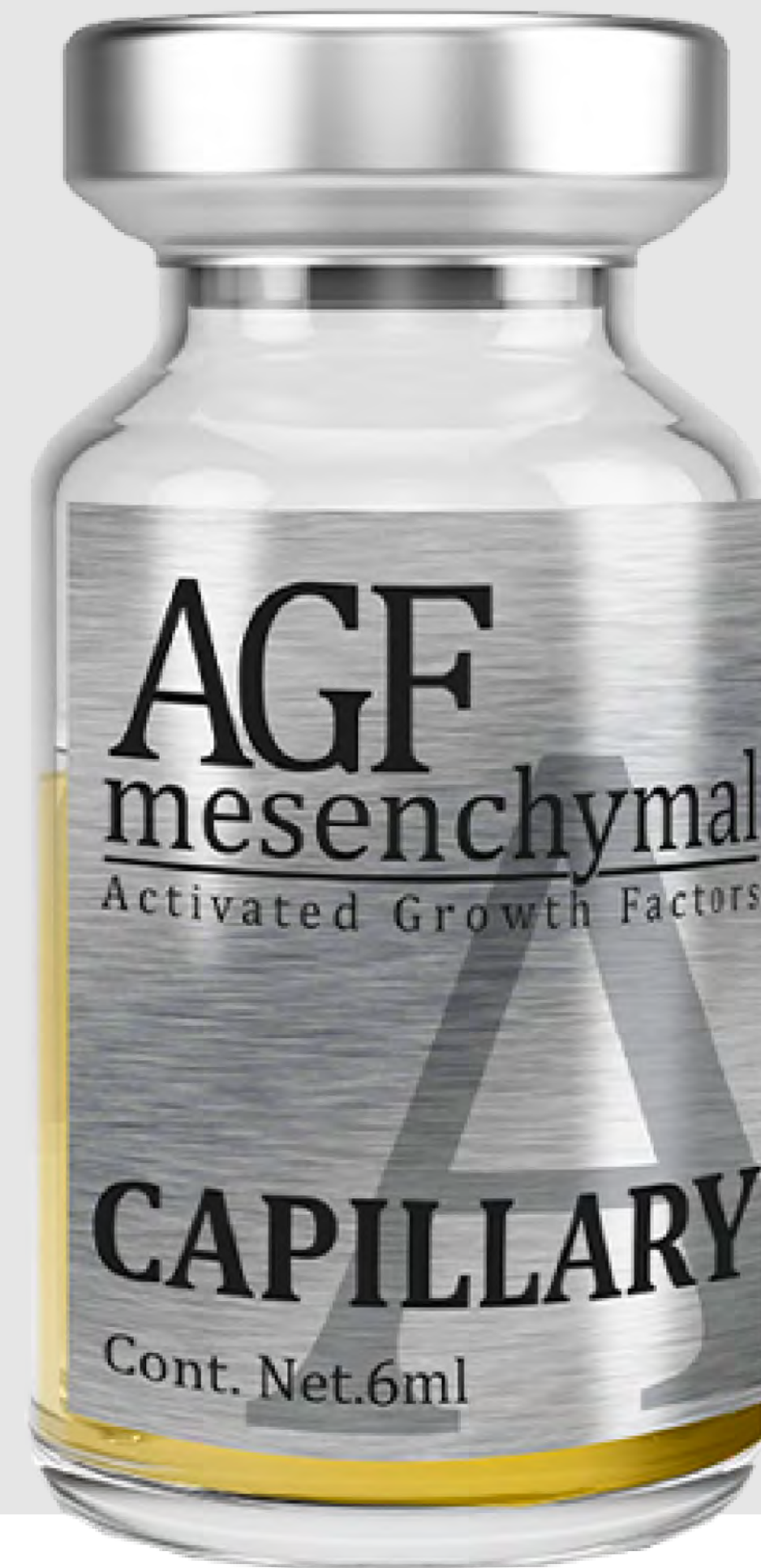
The determination of protein concentration in the AGF MESENCHYMAL CAPILLARY sample yielded a value of 0.742 mg/ml, which represents a higher protein level compared to the control.



Results Report prepared by
CIATEJ Guadalajara.

PRESENTATION:

5 Vials



AGF PINK BENEFITS:

Rejuvenation:

Thanks to its formula with regenerative and stimulating active ingredients, this product helps to rejuvenate the skin of the intimate area, restoring its vitality and luminosity.

Unify the tone:

Its ability to regulate pigment production and reduce local inflammation, this product significantly improves the appearance of the intimate area, minimizing pigment irregularities and redness.

Hydration:

It keeps the skin of the intimate area adequately moisturized, is essential to prevent dry skin and dehydration, thanks to hyaluronic acid, promoting softness and comfort.

Revitalization:

Revitalizes the intimate area from deep within the dermis, promoting collagen and elastin synthesis, resulting in fresher, more radiant skin.

Firmness:

It helps to strengthen the skin of the intimate area, restoring its natural firmness and elasticity, which is particularly beneficial after situations such as pregnancy, vaginal childbirth or hair removal.

Protection against damage and aging:

It acts by counteracting the damage produced by free radicals and other factors that can cause aging in the intimate area, helping to preserve its health and healthy appearance.

AGFmesenchymal[®]
Activated Growth Factors
PINK





AGF Mesenchymal PINK

Intimate is a lotion for topical application that helps to rejuvenate, revitalize, improve the appearance of the intimate area and folds with the objective of achieving a firmer, hydrated, elastic skin and protect it against factors that can cause damage to the area.

Different situations can affect the health of the intimate area. Especially aging, pregnancy, vaginal births, depilation, friction, rubbing and even hormonal changes can cause alterations at the tissue level.

Pigmentation changes, thinning of the skin (atrophy), loss of elasticity and dehydration are frequent.

AGF Pink Intimate protects against these changes thanks to its composition based on active ingredients with regenerative,

firming, moisturizing and lightening properties.

Thanks to its high content of exosomes and growth factors derived from mesenchymal stem cell cultures, it stimulates cellular activity, favoring the synthesis of collagen, elastin, regulation of pigment production by melanocytes, decreases acute local inflammation, improving skin health by regenerating from deep dermal layers to result in revitalized skin with a better appearance.

**PRODUCT RESERVED
FOR PROFESSIONALS**

COMPONENTS:



Dictyopteris membranacea Extract

Depigmenting, regulating the mechanisms responsible for skin pigmentation.

Growth factors + Exosomes obtained from mensequimal stem cells:

Modulate and activate regenerative processes, increase cellular motility

Pisum Sativum extract:

Reduction of dark spots, hyperpigmentation and roughness of the skin.

COMPONENTS:



Hydroxyethyl Urea:

Moisturizing, increases skin elasticity.

Amino acids:

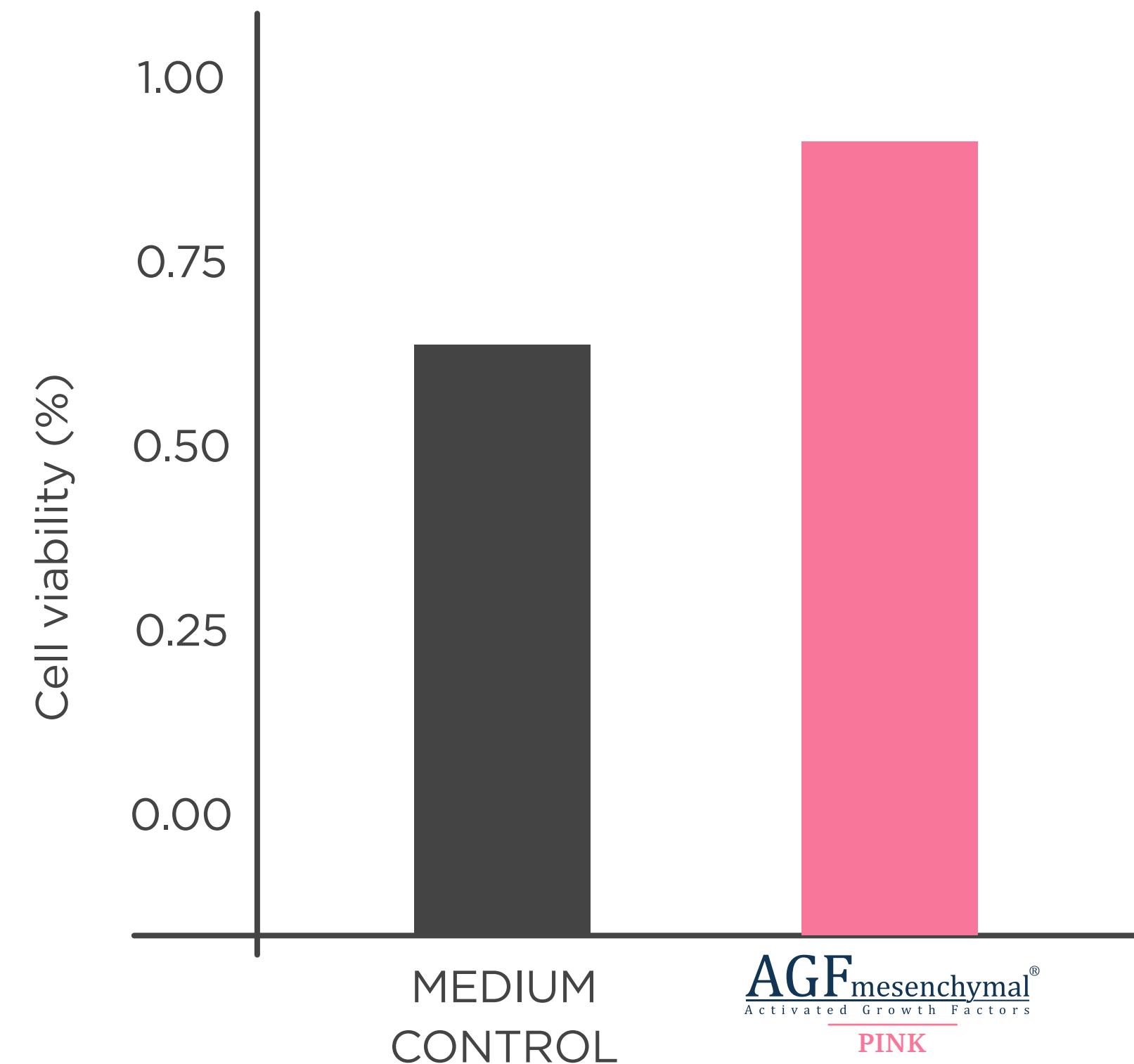
Collagen production, protects the skin from harmful environmental substances.

Sodium Hyaluronate, Atelocollagen:

Allowing ideal water retention to keep the skin properly moisturized.

It shows an amount of protein higher than 0.70 mg/ml (results obtained by Bradford's method from a standard medium for cell culture).

Due to the levels of protein contained in AGF MESENCHYNAL Pink, its application and use is reliable, ensuring the desired effect. (Figure 1).



Toxicity evaluation of AGF MESENCHYNAL PINK INTIMATE. The application of the product at different concentrations (gr/ml) to cells in culture for 24h showed adequate viability percentages compared to CIS Platinum, a highly toxic compound at the cellular level.

The photographs show healthy and viable cells after application of the product.

Scale bar 100 m.

Source: CIATEJ

Product FEATURES

Determination	Result
Temperature	Environment
Color	Yellow
Presentation	6ml.
PH	Acid 4-45
Consistency	Lliquid
Application	Topic

PRESENTATION:

5 Vials



AGF BIOMASK BENEFITS:

AGFmesenchymal[®]
Activated Growth Factors
BIOMASK

Dermal Regeneration:

The mask acts as an encapsulator of factors and exosomes, allowing their prolonged release onto the wound at body temperature. This can enhance the efficacy of the active ingredients.

Compatible Biomaterials:

All components are human-compatible biomaterials and do not generate immunogenicity. This means that they are well tolerated by the body and do not cause allergic reactions or immune rejection.

Periodic replacement without trauma or pain:

Allows periodic replacement without generating trauma or pain.

Stability at Different Temperatures:

The mask is thermo-reversible and can be adapted to different temperatures. At room and body temperature, it solidifies and remains adherent, while at low temperatures it becomes more fluid, facilitating its application.



AGF BIOMASK BENEFITS:

AGFmesenchymal[®]
Activated Growth Factors
BIOMASK

Fast Re-epithelialization:

Facilitates rapid re-epithelialization of injured tissues, resulting in faster healing and improved skin integrity.

Protection against infection:

In combination with Polaxamer 407 and hyaluronic acid they form a natural barrier protecting the epithelial lesion from microbial infections.

Innovative Formulation:

It contains exosomes and growth factors derived from mesenchymal stem cells. These components are known for their regenerative properties and may promote cellular repair.

Maintenance of homeostasis and hydration:

Contributes to the maintenance of homeostasis (balance) and hydration of the damaged area. This is essential for an effective healing process.

Anti-inflammatory and Angiogenic effect:

The combination of exosomes and growth factors contributes to an anti-inflammatory and angiogenic effect. This can help reduce inflammation and promote the formation of new blood vessels, thus facilitating the recovery of injured tissues.





AGF Mesenchymal BIOMASK

is a biotechnological hydrogel mask that aids dermal regeneration during dermabrasive treatments. It features an innovative formulation of exosomes and growth factors obtained from mesenchymal stem cell cultures, enriched with hyaluronic acid. Together, these components generate an anti-inflammatory and angiogenic effect, favoring rapid re-epithelialization of injured tissues and maintaining homeostasis and hydration of the damaged area.

All these properties work as an encapsulator of growth factors and exosomes, allowing their prolonged release on the wound at body temperature. Hyaluronic acid has the ability to attract and retain water, which keeps the tissues that possess it

in good condition, especially in the skin, where one of its main functions is to keep it protected and renewed.

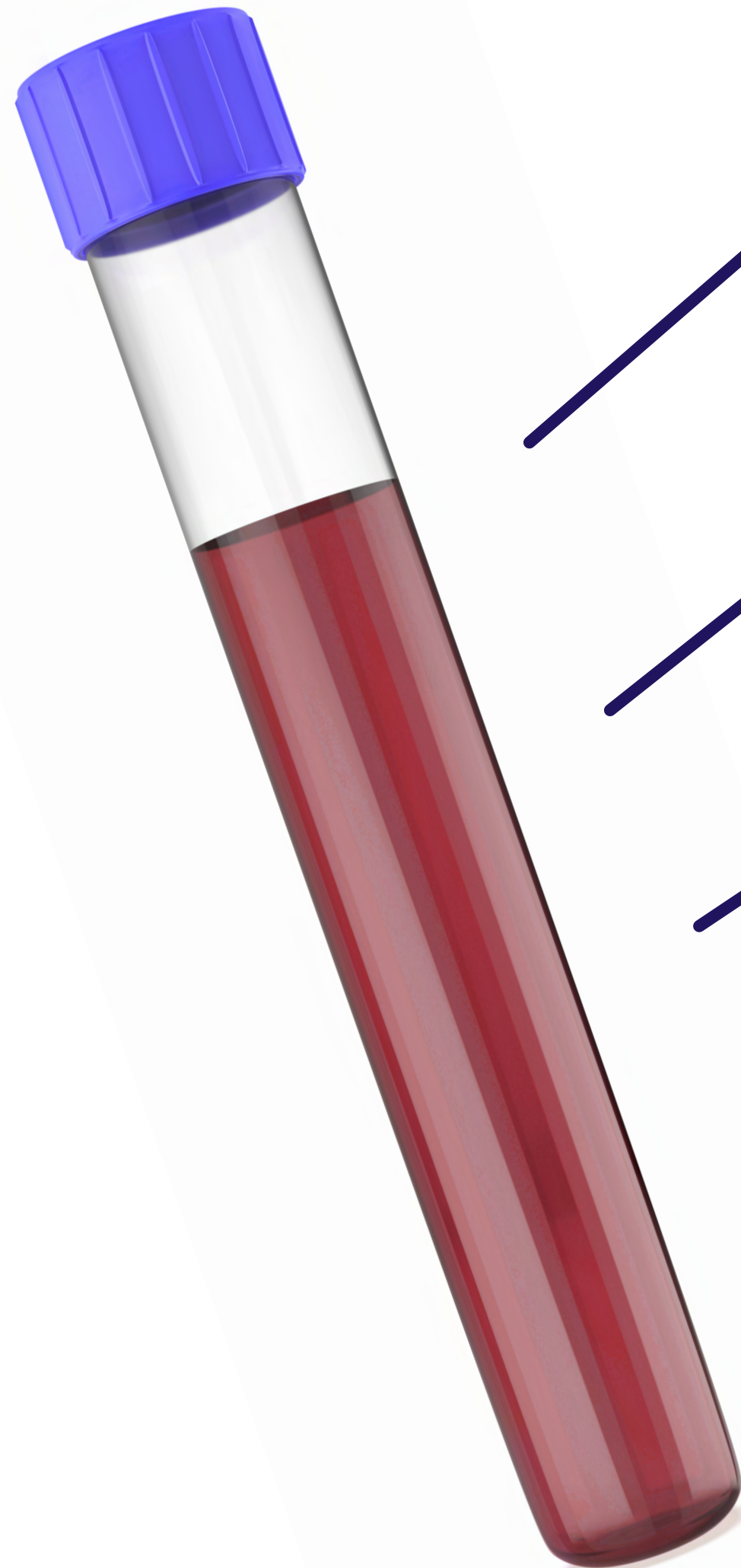
The polaxamer 407 in conjunction with hyaluronic acid provides a protective antibacterial layer forming a cellular scaffolding network. All components of **AGF Mesenchymal BIOMASK** are biomaterials compatible with humans and do not generate immunogenicity. That is, they do not provoke immunological rejection or allergic reactions. Its properties allow periodic replacement without generating trauma or pain, since it isolates the nerve endings. The active factors of the formulation induce healing and rapid re-epithelialization of the damaged area, promoting the formation of new blood

vessels and the proliferation of epithelial cells, keratinocytes and fibroblasts.

The mask is biotechnological, made of thermo-reversible hydrogel, i.e., at room and body temperature, it solidifies and forms a dense gel with low fluidity, remaining adherent even during movement. At low temperatures (refrigeration), its characteristics change drastically, acquiring a more liquid, fluid and less viscous appearance, facilitating its application.

**PRODUCT RESERVED
FOR PROFESSIONALS**

COMPONENTS:



Exosomes and growth factors secreted from mesenchymal stem cells

They have the ability to stimulate cell proliferation, improve wound healing and promote tissue regeneration. They help accelerate dermal repair and improve the overall appearance of damaged skin.

Poloxamer 407

It helps provide the hydrogel structure to the mask, which facilitates its application and retention on the skin. In addition, it can help improve skin hydration and reduce irritation.

Sodium Hyaluronate

It is a polysaccharide found naturally in the skin and has the ability to retain large amounts of water, which helps keep skin hydrated and plumped. When applied topically, sodium hyaluronate can help improve skin hydration, reduce the appearance of fine lines and wrinkles, and promote wound healing.

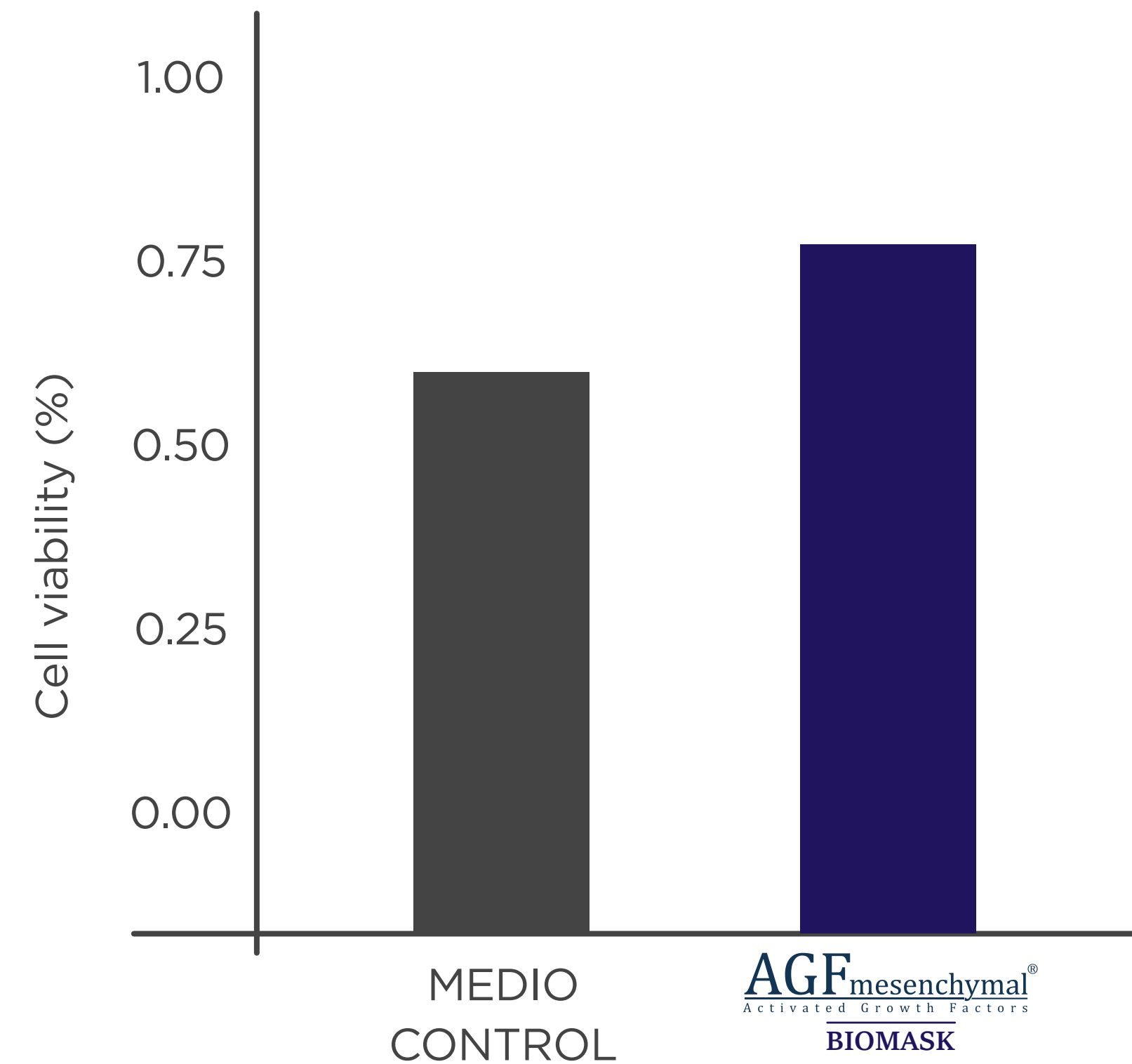
Diazolidinyl Urea

It is an antimicrobial preservative widely used in cosmetic and personal care products to prevent the growth of bacteria, fungi and yeasts.

Iodopropynyl butylcarbamate

Another preservative used to prevent the growth of microorganisms.

It shows an amount of protein higher than 0.70 mg/ml (results obtained by the Bradford method). Due to the levels of protein contained in AGF MESENCHYMAL BIOMASK, its application and use is reliable, ensuring the desired effect. (Figure 1).

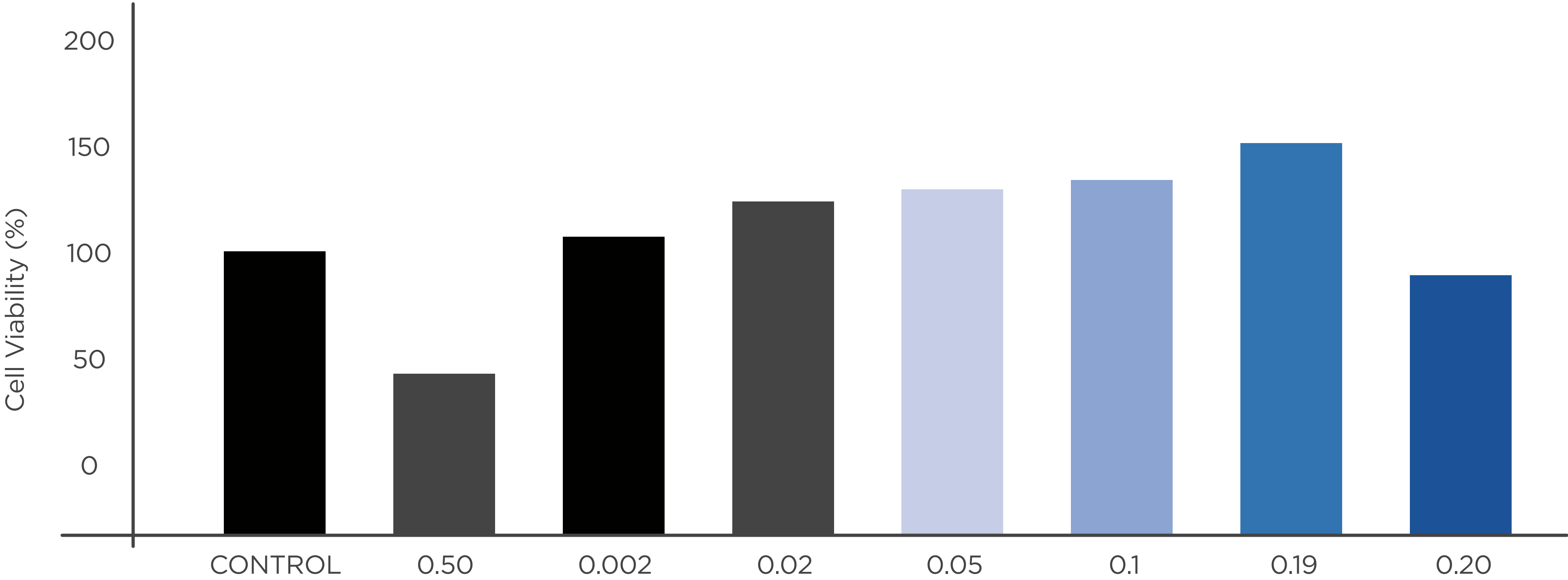


Toxicity evaluation of AGF MESENCHYMAL BIOMASK. The application of the product at different concentrations (gr/ml) to cells in culture for 24h showed adequate viability percentages compared to CIS Platinum, a highly toxic compound at cellular level. The photographs show healthy and viable cells after application of the product.

Scale bar 100 Qm. CIS

Source: CIATEJ

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



MICROSCOPIC AND MICROBIOLOGICAL ANALYSIS, CYTOTOXICITY ASSAY, PROTEIN QUANTIFICATION AND TURBIDITY.

Determination	Result
Fresh preparation	No cells or microorganisms were observed.
Gram staining	The presence of microorganisms was not observed.
Cultivation	There was no development of microorganisms after 48 hours of incubation.
Viality	It does not adversely affect cell viability.
Cytotoxicity	It does not cause cytotoxicity.
Protein concentration	It has an adequate protein concentration.
Turbidity.	It does not present undesired turbidity.

The samples were processed and analyzed according to the recommended criteria for “Biological liquids normally sterile” in accordance with ISO 15189 “Clinical Microbiology Laboratory” quality standard.

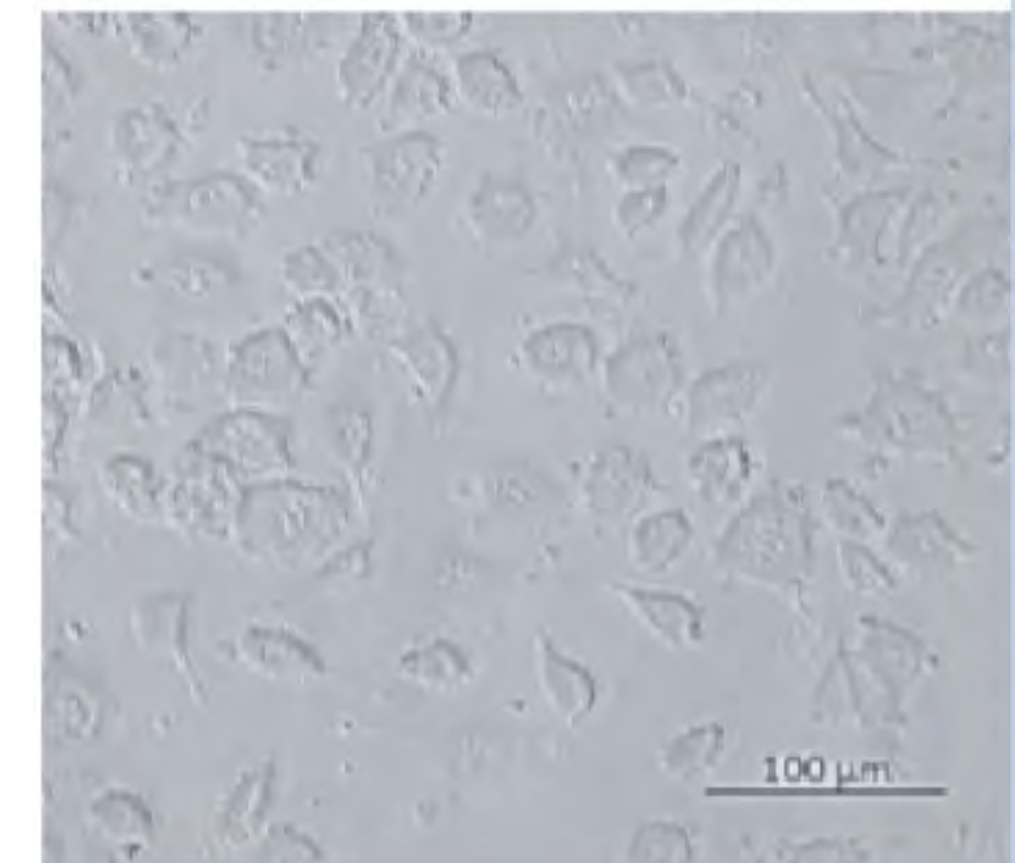
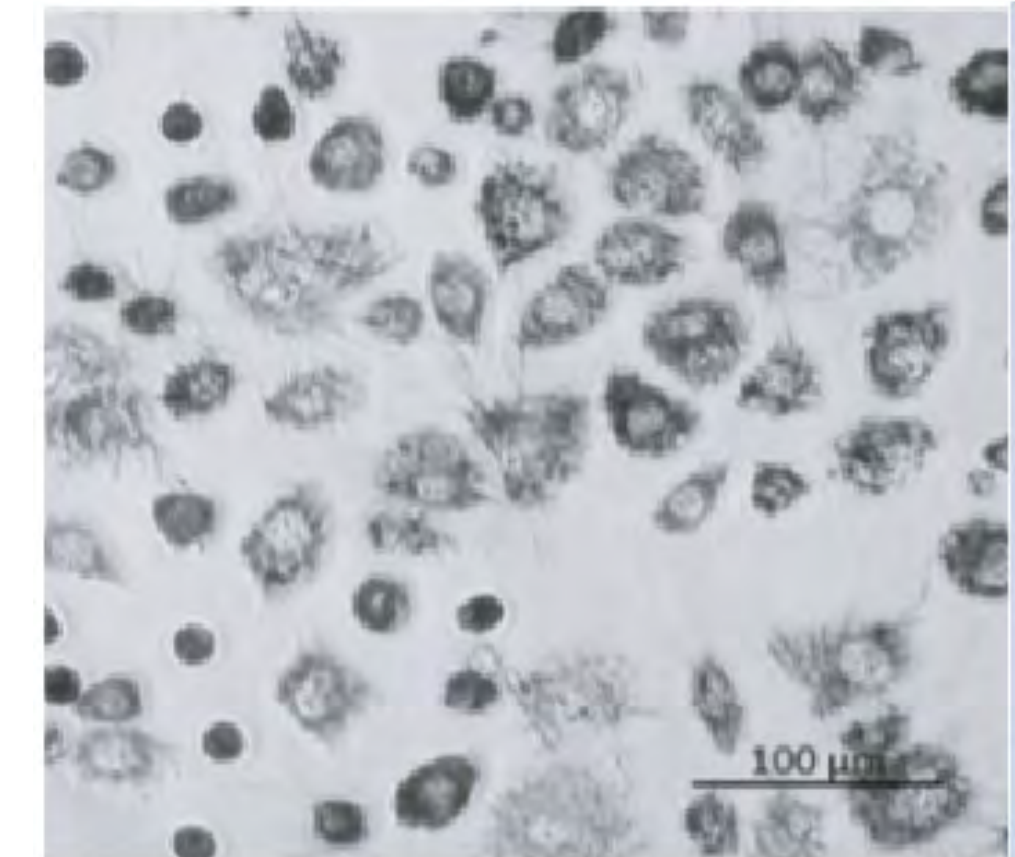
Microscopic analyses both in fresh preparation and Gram stains did not show the presence of cells, bacteria or any biological residue at the time of analysis.

The results obtained in microbiological cultures showed the absence of microbial growth.

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

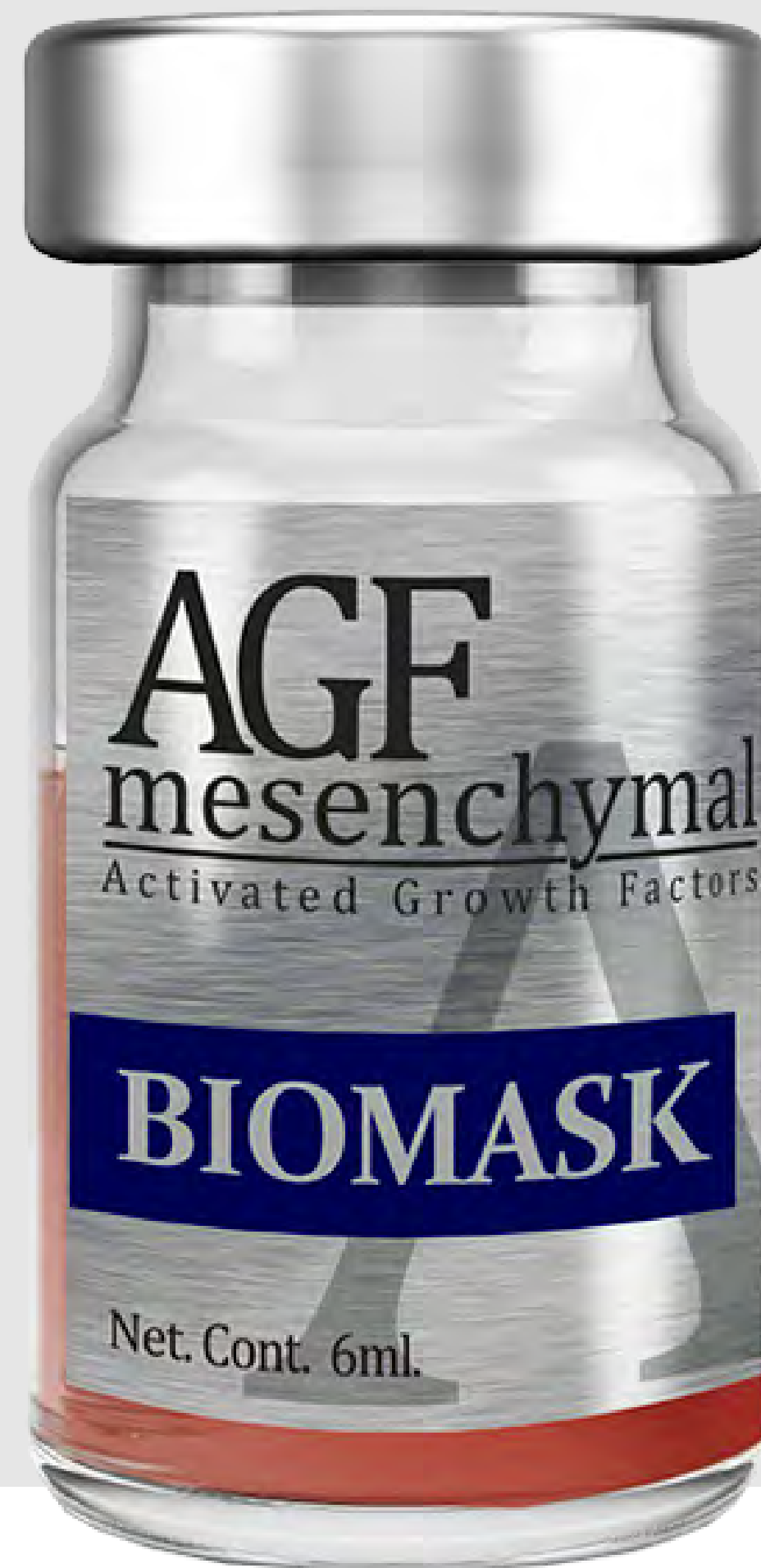
The determination of protein concentration in the AGF MESENCHYMAL BIOMASK sample yielded a value of 0.742 mg/ml, which represents a higher protein level compared to the control.

Results Report prepared by
CIATEJ Guadalajara



PRESENTATION:

5 Vials





AGFmesenchymal[®]
Activated Growth Factors



AGFmesenchymal[®]
A c t i v a t e d G r o w t h F a c t o r s

CONTACTO:

Web: <https://www.exosomeusaagf.com>

Location: 2256 Main St #16, Chula Vista, CA 91911, Estados Unidos

Phone: +1 858-407-0898

Facebook: AGF Mesenchymal Distribuidor USA

Instagram: agfmesenchymal.usa

Youtube: AGF Exosome USA