

Cell 97.7

ENGLISH

bBHC, a life science company, makes all human organs and tissues.

bBHC is a company that makes the future, realizes the vision by overcoming the incurable diseases by utilizing the world's first and only pluripotent stem cell without side effects called nEPS and creating a new paradigm for the bio industry.

bBHC Stem Cell Treatment & Research Institute (STRI) has developed the world's first pluripotent stem cell without side effects, and named it as nEPS (newly Elicited Pluripotent Stem Cells without side effects by natural compounds).

STRI has successfully differentiated human pancreatic beta cell, hepatocyte, neurocyte, chondrocyte, osteoblast. Kidney cells, hematopoietic stem cell, and T cell with its vision to overcome incurable diseases of human being.

We already applied over 470 patents in 147 countries, 309 patents registered in USA, EU, ISRAEL, SINGAPORE, KOREA, JAPAN etc.

bBHC, a Company that Makes the Future





STC Nara (Cosmetic manufacturer)

STC Nara has obtained ISO 22716, the international standard for cosmetics manufacturing and quality control. It has been a cosmetics manufacturer for the past 30 years in research, development, and production of the world's highest quality cosmetics. From product planning to final product shipment, STC Nara offers a total service in all processes and provides customer-oriented services regardless of the fields, including customized and cutting-edge cosmetics.

STC NARA provides OEM and ODM services and produces skin science cosmetics.

What is ISO 22716?

Cosmetic GMP(Good Manufacturing Practices) is a guideline standard focuses on product quality and traceability and responsibility in the production and distribution of products through systematic SSOP(sanitary work standards), process control, verification and validation of cosmetic production, management, storage, and distribution.

Cell 977

Down-aging Solution that rejuvenates skin cells from within through the cell communicating system

04



Skin Science Cosmetics that Realizes Down-aging

The World's Best Stem Cell Technology and Differentiating Ingredients

— HMSC

STRI - HMSC?

HMSC is a general term of growth factor developed by STRI, which includes about 250 different kinds of growth factors within it.

It is particularly fruitful with VEGF, HGF, KGF, TGF- β 1, SDF-1, fibronectin, Type1 collagen, and fibroblast growth factor (FGF).

It is registered on International Cosmetic Ingredient Dictionary(ICID) as 'Human Umbilical cord Mesenchymal Stem Cell conditioned Media (HMSC)'. It realizes skin elasticity and down-aging.

— Clinical Tests (Wrinkle Improvements).
Period : 8 weeks

1



0 week



4 weeks



8 weeks

2



0 week



4 weeks



8 weeks

— Clinical Tests (Wrinkle Improvements).
Period : 8 weeks

3



0 week



4 weeks



8 weeks

4



0 week

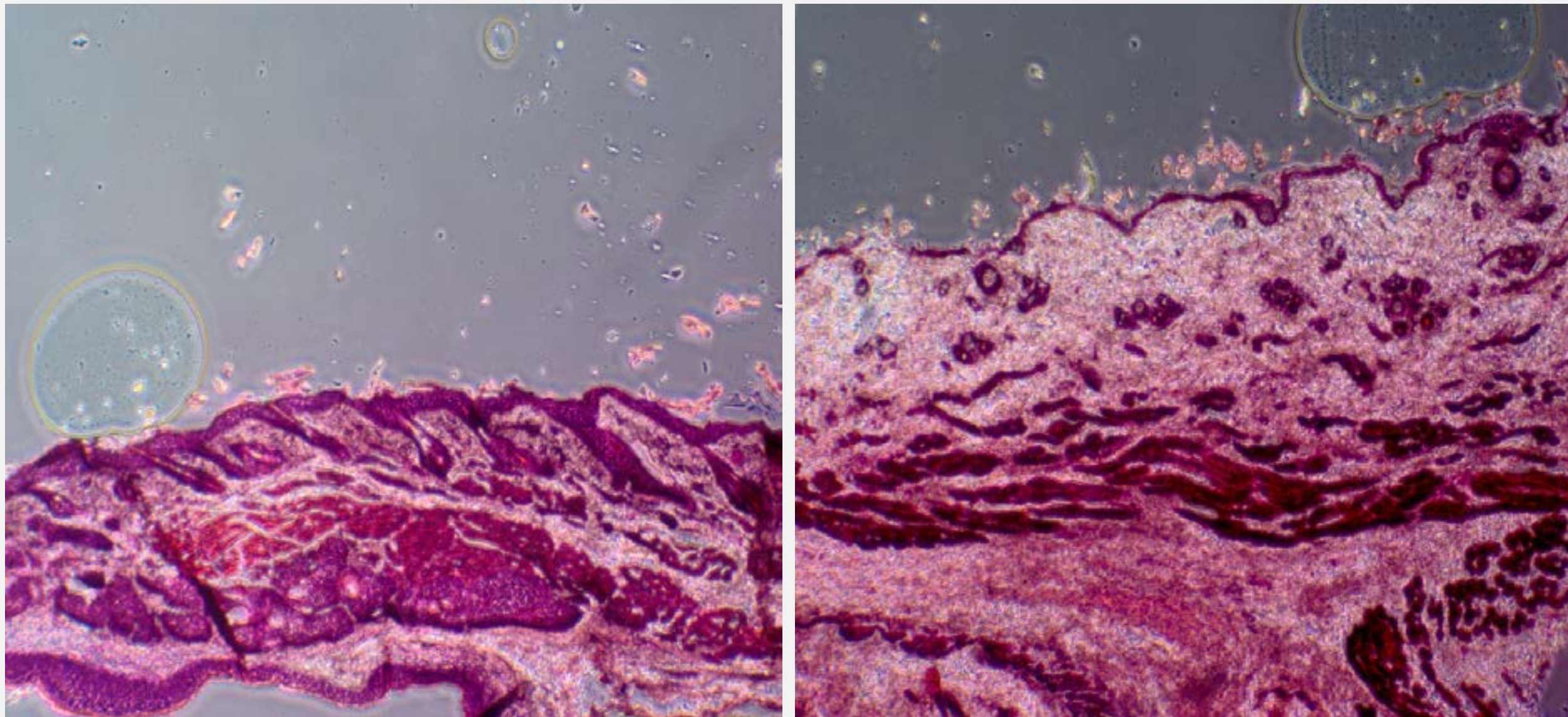


4 weeks



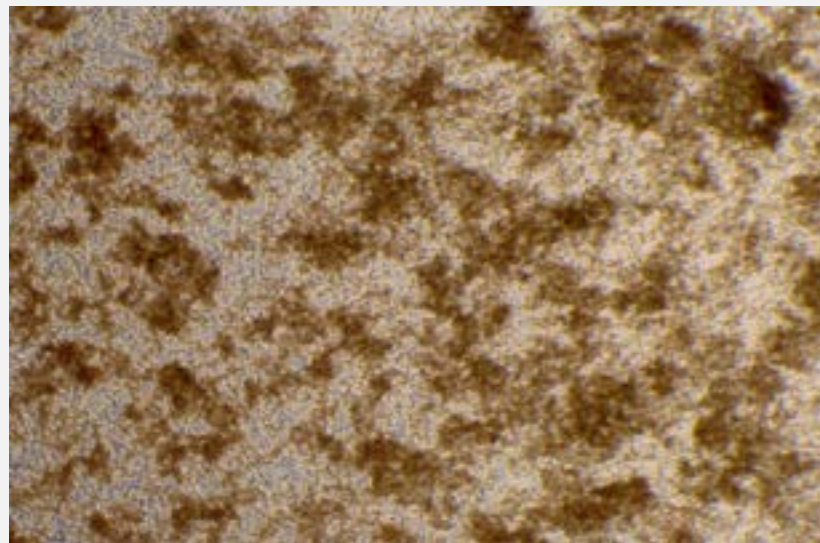
8 weeks

- HMSC strengthens the skin barrier thick and strong.
Period : 30 days

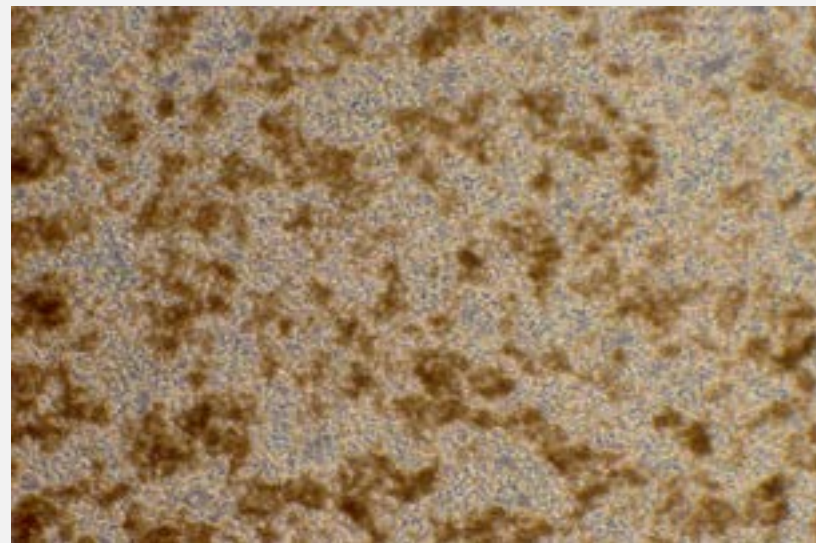


Experimental details: A is a photograph taken with a 40x magnification of the skin tissue, and B is a photograph taken after HMSC treatment on the skin tissue and magnified again 30 days later.

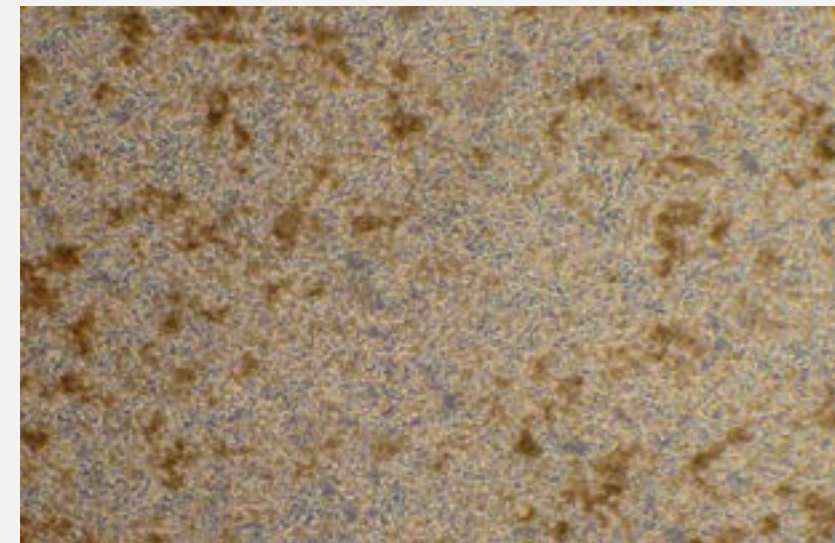
- HMSC contains a large amount of growth factors such as SDF-1 that keeps the skin clean and transparent.



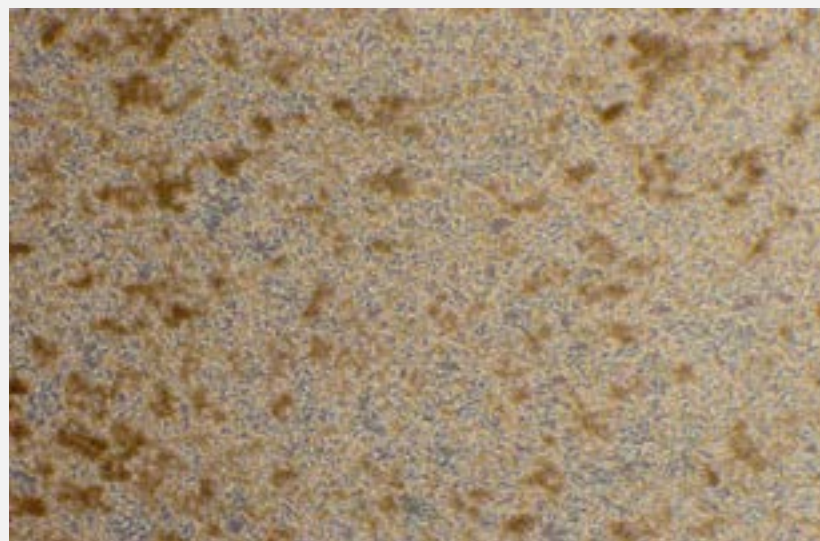
α -MSH (Not-treated control)



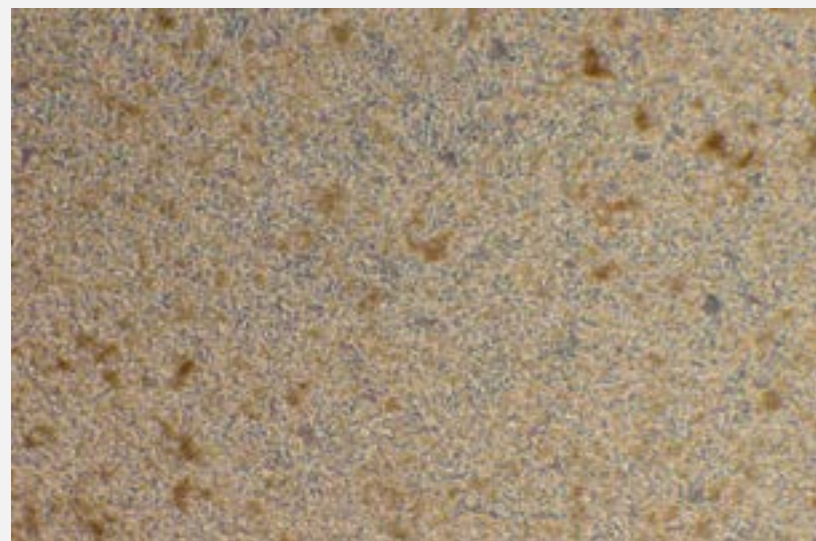
α -MSH + 10% HMSC



α -MSH + 30% HMSC



α -MSH + 50% HMSC



α -MSH + 70% HMSC



α -MSH + 100% HMSC

Experimental contents: Treat the blackened melanocytes (pigment cells that produce melanin) with HMSC from 10% to 70% and observe the change.

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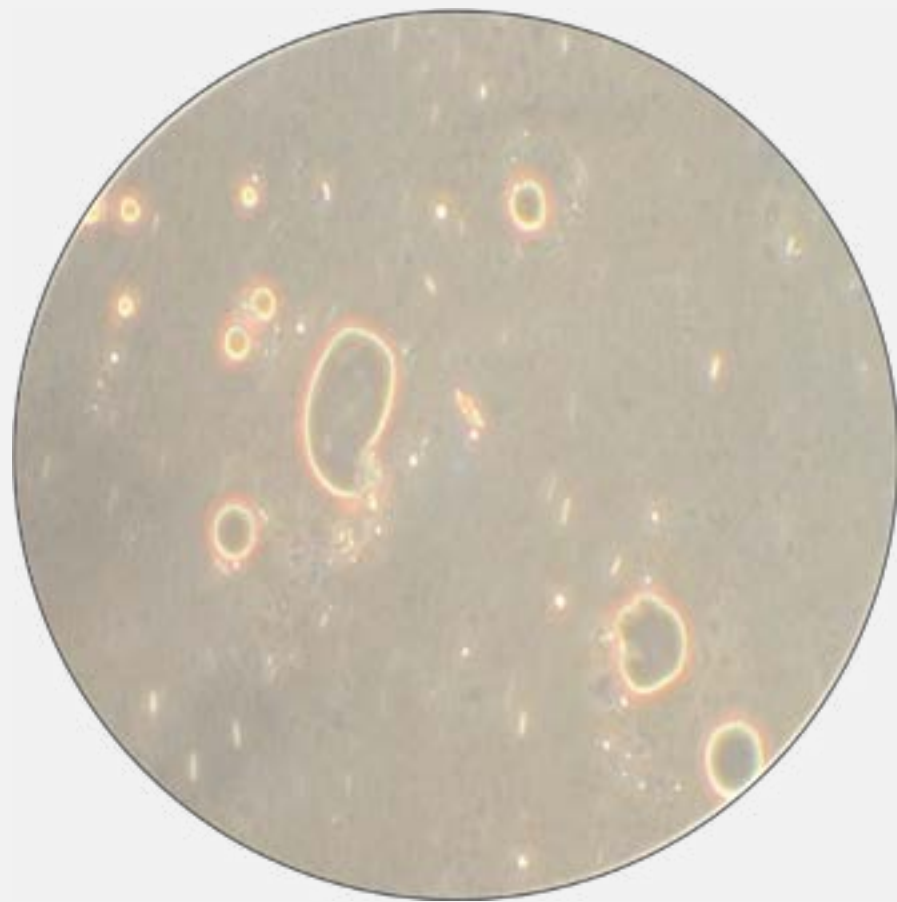
Skin Science Cosmetics that Realizes Down-aging

The World's Best Stem Cell Technology and Differentiating Ingredients

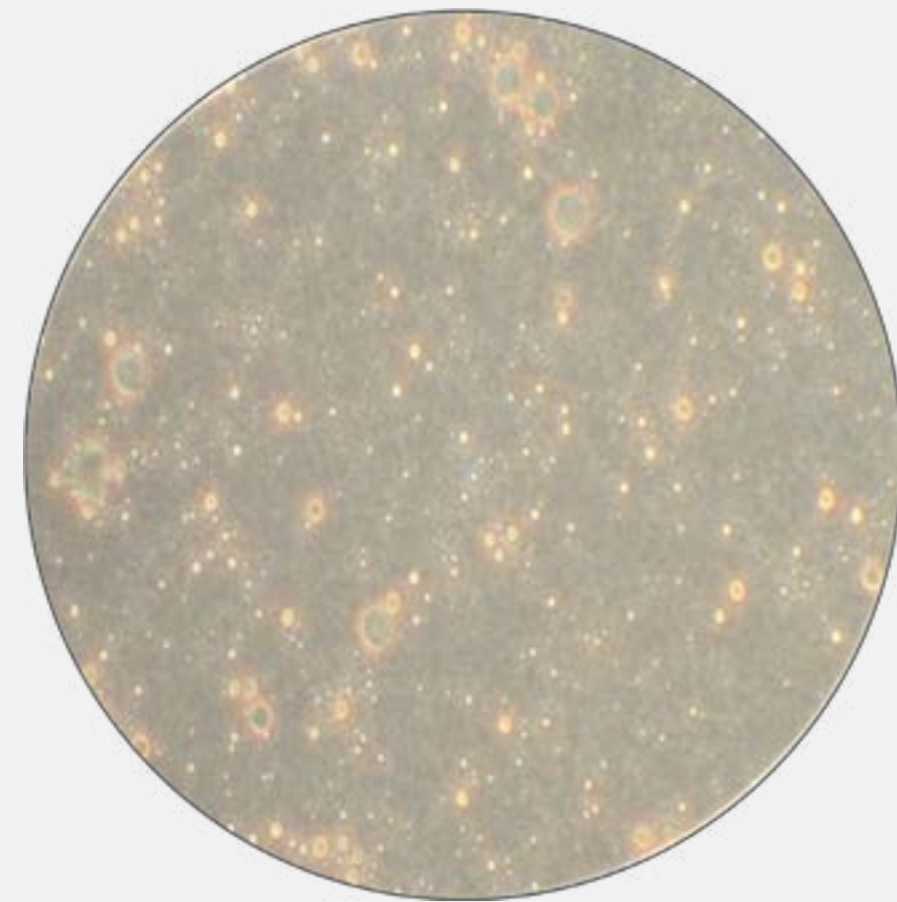
— Energy Water

Energy Water is functionally the most suitable water for maintaining life in a vital phenomenon, that is registered on ICID(International Cosmetic Ingredient Dictionary). By reconstructing the molecular arrangement of water, it reduces entropy by increasing structural order, and restore the body into the original state, and turn the abnormal cells back to the normal condition.

- Energy water particles are much smaller and more even, so it has high emulsification and absorption power.

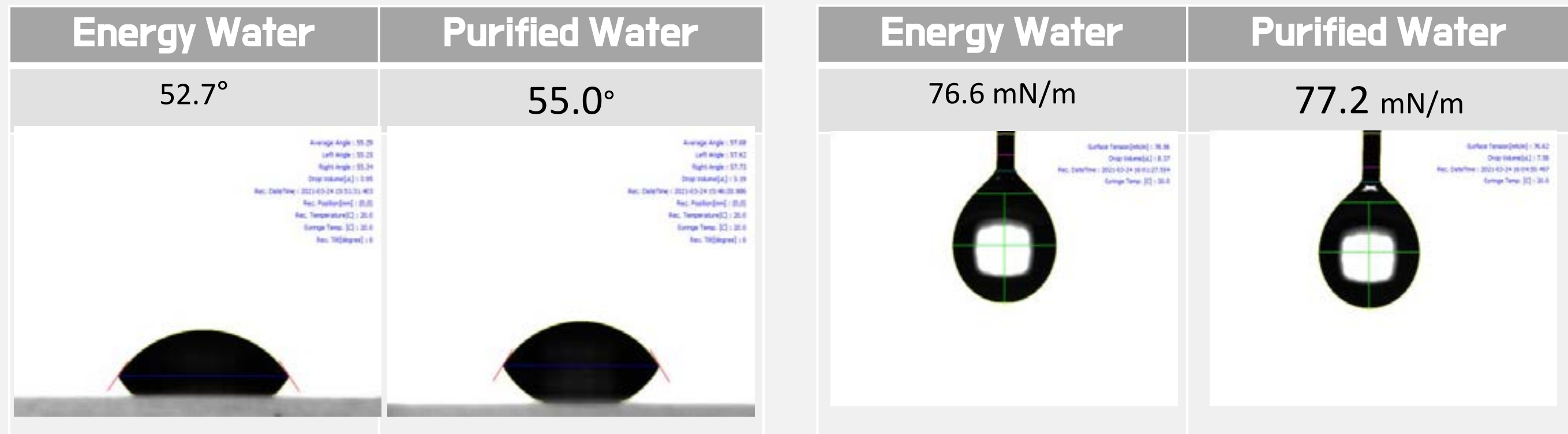


Normal purified water
emulsification micrograph



Energy water
emulsification micrograph

- Comparison of contact angle and surface tension measurements of energy water and purified water.



- Energy water has a lower contact angle than purified water and has good spreadability. The active ingredients of the product do not roll over the skin but spread thinly and penetrate deep into the skin.
- Energy water has a lower surface tension than purified water and has excellent emulsification power, so the use of irritating ingredients can be minimized.



Cell 97.7 Marvelous Skin Re-vital System

Marvelous Skin Re-vital System (15 viales, 50 viales)

Marvelous Skin Re-vital System contains 150,000ppm of HMSC. It is an ampoule-type product that protects the damaged and sensitive skin from the harmful environment and makes the skin bright and lively with high-functional and high-moisturizing technology.

It has an excellent wrinkle improvement effects and makes the skin bright and lively. An ampoule that realizes down-aging / Launched in 2007 as the first stem cell culture fluid ampoule in Korea.

✓ ENERGY WATER

✓ HMSC

✓ Adenosine

✓ Snail secretion filtrate

✓ Acetyl Hexapeptide-8

No Alcohol

No Coloring

No Perfume

No Paraben

No Phenoxyethanol

No Preservative



Storage Condition

This product does not contain any preservatives. It can be stored at room temperature, but it is better to be refrigerated at 4°C after opening it. It is highly recommended to finish using a single package after 3 days of opening.

HMSC and Energy Water registered on ICID are the main ingredients of the Marvelous Skin Re-vital System.

Re-Activated Perfect Lifting Cream (50g)

Re-Activated Perfect Lifting Cream contains 500ppm of HMSC and it protects the damaged and sensitive skin from the harmful environment. It is a dual functionality cream that gives the skin elasticity and makes the skin bright and lively.

It has an excellent wrinkle improvement effects and makes the skin bright and lively.

It can be used for all skin types. It has an excellent moisturizing effect, and its milky-texture gives you a fresh touch without stickiness.

✓ ENERGY WATER

✓ HMSC

✓ Niacinamide

✓ Vegetable squalane

✓ Nicotinoyl Tripeptide-1

No Alcohol

No Coloring

No Perfume

No Paraben

No Phenoxyethanol

No Preservative



How to Use

Spread the right amount of cream evenly on the skin with the spatula enclosed with the product.

If you clear the skin texture with Cell 97.7 Cell Balancing Solution + and – before the application of the cream, it will give you a better absorption of the product.

HMSC and Energy Water registered on ICID are the main ingredients of the Re-Activated Perfect Lifting Cream.

Re-Activated Perfect Lifting Eye Cream (15g)

Re-Activated Perfect Lifting Eye Cream contains 500ppm of HMSC. It protects the damaged and sensitive skin around the eyes from the harmful environment and makes the skin elastic and lively.

This product improves the wrinkle and brightens up the skin around the eyes.

It can be used for all skin types.

✓ ENERGY WATER

✓ HMSC

✓ Niacinamide

✓ Vegetable squalane

✓ Nicotinoyl Tripeptide-1

No Alcohol

No Coloring

No Perfume

No Paraben

No Phenoxyethanol

No Preservative



How to Use

Spread the right amount of cream evenly on the skin with the spatula enclosed with the product.

If you clear the skin texture with Cell 97.7 Cell Balancing Solution + and – before the application of the cream, it will give you a better absorption of the product.

HMSC and Energy Water registered on ICID are the main ingredients of the Re-Activated Perfect Lifting Eye Cream.

Stem Cell Double Activated Blemish Balm (50g)

The Stem Cell Double Activated Blemish Balm contains HMSC, and it solves the fundamental problems of the skin. It is a functional cosmetics with SPF50, PA+++ UV blocking effect, and wrinkle improvement. BB Cream that surpasses common sense!

It can be used for all skin types.

- ✓ Excellent Moisturizing Effect
- ✓ SPF50, PA +++
- ✓ Wrinkle Improvement
- ✓ Protection of Sensitive Skin
- ✓ Smooth Skin Expression
- ✓ Resilient, Luminous Skin

How to Use

It is better to use after basic skincare.

HMSC, registered on ICID, is contained in the Stem Cell Double Activated Blemish Balm.



Perfect Grow-up Hair Toner

Perfect Grow-up Hair Toner contains HMSC and Energy Water that makes the scalp and hair strong and healthy.

It protects the scalp and hair from stress and the harmful environment with a patented composition of hair growth facilitators from Korea and Japan.

- ✓ Contains a patented composition specialized for hair strengthening
- ✓ Best-selling item launched in 1999
- ✓ Keeps the healthy temperature of the scalp. (It reduces the heat on the scalp that causes the hair loss with its cooling effect and helps to relieve dandruff and scalp itching.)
- ✓ Contains a high volume of active ingredients.
- ✓ Research know-how



Cell Balancing Solution Plus & Cell Balancing Solution Minus

It is the most representative skin science cosmetic which helps the absorption of nutrition and moisture to the skin with isoelectric point principal. The cross-use of (+) ion toner Cell Balancing Solution Plus and (-) ion toner Cell Balancing Solution Minus to control the PH balance of the skin makes the skin barrier flexible.

- ✓ Optimal Skin PH Management
- ✓ Double Moisturizing
- ✓ The Essence of Skin Science Cosmetics
- ✓ Absorption Agent
- ✓ It is a spray-type product that is easy to use!

What is Isoelectric Point Principal?

This principle makes the skin's nutrition absorption and waste emission easy by eliminating the elective difference by temporarily making the potential difference of the skin (that flows with minor current) as '0'.



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