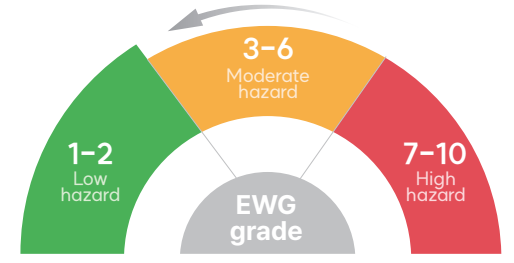


Model for understanding

REPOVE_W ingredients are EWG GREEN grades.

Excluding Titanium Dioxide and Iron Oxides

EWG (The Environmental Working Group) is an US non-profit organization protecting healthy life and environment.



Proprietary Technologies
 Repove_W delivers active ingredients faster and deep into the skin with Hydroethosome®.

Clinical Trials Completed
 Skin Irritation tested (Non Irritant)

www.binotec.co.kr

For more information, please visit the website.

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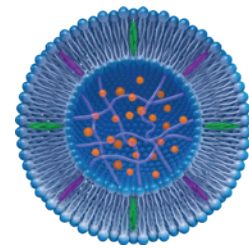
REPOVE_W
 SUSTAINABLE PLATFORM SYSTEM



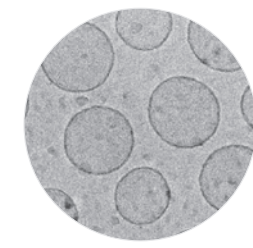
Hydroethosome®

Korea Patent Registration 10-1810160
 U.S. Patent Registration 11,452,679
 PCT International Patent Application PCT/KR2018/002808
 Thailand Patent Application 1901001249
 German Patent Application 11 2018 003 377.5

Hydroethosome® is an ethosome-based transdermal drug delivery system with high skin penetration. The patent nano drug delivery technology has been successfully commercialized by dramatically increasing stability and encapsulation rate. With this proprietary platform technology that can encapsulate active ingredients, BINOTEC builds a sustainable and high-functional raw material pipeline.



Hydroethosome®



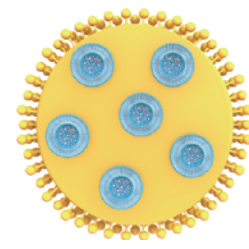
Cryo TEM
(Transmission electron microscopy)



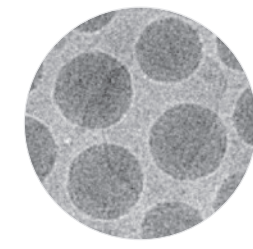
Hydropartosome™

Korea Patent Registration 10-2190935
 Korea Patent Registration 10-2037354
 U.S. Patent Application 17/279,551
 European Patent Application 19893929
 PCT International Patent Application PCT/KR2019/016916

Hydropartosome™ is a hair follicle-specific carrier which delivers active ingredients through hair follicles, effecting sustained released, high stability, and fast absorption.



Hydropartosome™



Cryo TEM
Transmission electron microscopy)



Partibiome®

Korea Patent Registration 10-2270923

Partibiome® is a microbiome technology that balances microorganisms in the skin to create healthy skin conditions. This material development technology inhibits harmful bacteria that cause various skin problems and promotes beneficial bacteria to make healthy skin.



Hydroextraction®

Korea Patent Registration 10-1516384

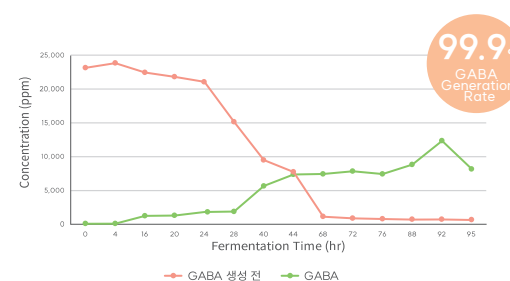
Hydroextraction® develops natural materials with high efficacy under various skin conditions and extracts active ingredients in BINOTEC's own patented method. This new material development technology analyzes and refines extracts and develops it into highly concentrated materials that dramatically increase active substances.



Hydroiet™

Korea Patent Registration No. 10-1621141
 Korea Patent Registration No. 10-2529301
 International Depository Authority KCCM13179P

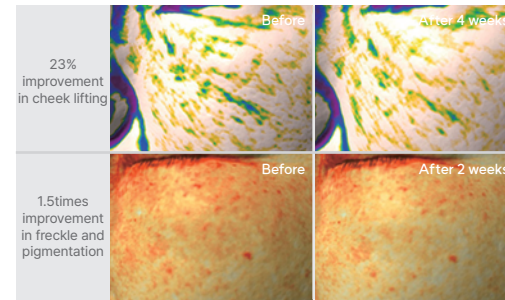
It is a turmeric fermentation extract with enhanced peptide and GABA (Gamma-Aminobutyric Acid, 99.9% GABA production rate) by cultivating Kimchi Lactobacillus sp. (BNT_G401) in turmeric extract. The Kimchi Lactobacillus sp. (BNT_G401) is developed independently by BINOTEC.



REPOVE_W AB Solution

REPOVE_W Solution A
 REPOVE_W Solution B

- ✓ Wrinkle improvement
- ✓ Skin irritation test (Non-irritant)
- ✓ Cheek lifting improvement
- ✓ Alleviates Pigmentation



Clinical trials / Korea Institute of Dermatological Science

The unique combination of Hydroethosome®, Hydropartosome™, and Hydroextraction® technologies nourishes, moisturizes, and protects your skin. Hydrosolution™ Water and Partibiome® technologies provide soothing relief and maximize delivery of active ingredients to the skin. It is a basic skincare set including Solution A and Solution B which helps brightening, cheek-lifting, diminishing freckles and pigmentation and wrinkle improvement.

REPOVE_W R.E.P Cream

- ✓ Skin irritation test (Non-irritant)
- ✓ Improves transepidermal water loss of damaged skin
- ✓ Relieves itching of dry skin
- ✓ Skin soothing

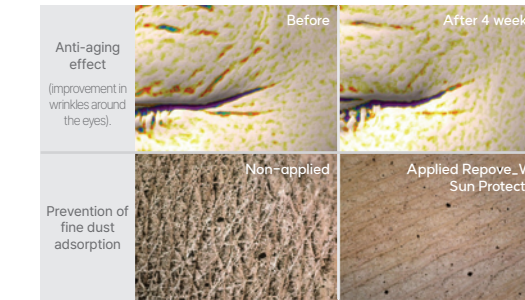


Clinical trials / Ellead Skin & Bio Research

Hydroethosome®, Hydropartosome™ and Hydrosolution™ Water technologies deliver active ingredients deep into the skin. Partibiome®, a patent technology for fermentation, also helps your skin smooth, elastic, and healthy. R.E.P Cream helps with brightening, wrinkle improvement, and increasing skin hydration. Clinical trials showed itch improvement in dry skin, reduction of transepidermal water loss and skin soothing effect.

REPOVE_W SUN PROTECTOR

- ✓ UV protection
- ✓ Boosts skin moisturization and elasticity
- ✓ Improves Eye wrinkle and skin depression
- ✓ Prevention of fine dust adsorption
- ✓ Skin irritation test (Non-irritant)
- ✓ Anti-aging effect

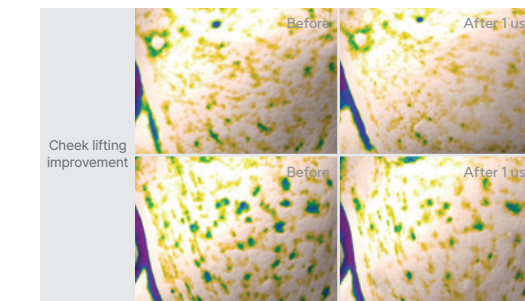


Clinical Trials / Korea Institute of Dermatological Science

Reповe_W Sun Protector blocks UV rays and helps brightening and wrinkle improvement. It also helps to improve skin moisturization and prevents fine dust adsorption. (Hyalutosome™, Multisome® Licorice, Multisome Cypress®, Triaction Peptosome®, Bright complexesome®, and Repove ectoin.)

R.E.P FACE STICK

- ✓ Cheek lifting improvement
- ✓ Boosts skin radiance
- ✓ Skin irritation test (Non-irritant)

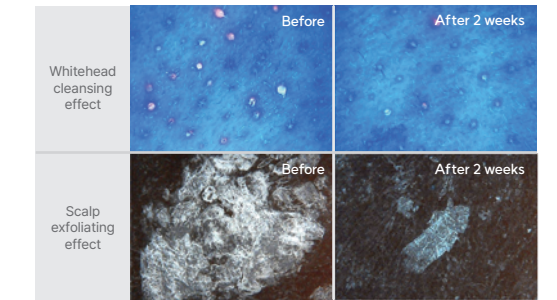


Clinical Trials / Korea Institute of Dermatological Science

R.E.P Face Stick, a new concept of facial stick, helps brightening and wrinkle improvement. Applying R.E.P Face Stick helps you experience instant moisture, facial skin lifting, and radiance at once.
 - Hyalutosome™ encapsulated with low molecular hyaluronic acid
 - Multisome® Licorice encapsulated with licorice extract
 - Triaction Peptosome® encapsulated with peptide and active ingredients on a proprietary drug delivery platform

REPOVE_W WHOLE BODY WASH ESSENCE

- ✓ Scalp exfoliating effect
- ✓ Skin irritation test (Non-irritant)
- ✓ Anti-bacterial efficacy against Candida (99.99%) and Staphylococcus (99.56%)
- ✓ Suitable for acne-prone skin
- ✓ Helps with sebum and whitehead control

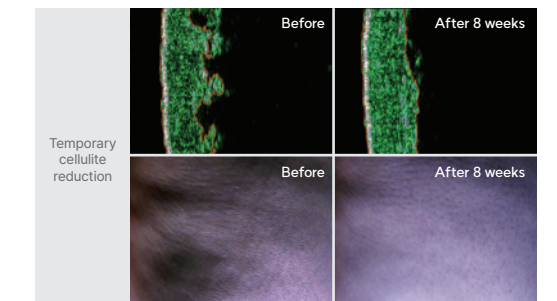


Clinical Trials / Korea Institute of Dermatological Science

This versatile all-in-one wash, based on Hydropartosome® technology, can be used for your face, hair, and whole body. It temporarily relieves itching, removes whiteheads and scalp (dead skin cells), and improves skin moisture. Clinical trials were completed for both skin irritation (non-irritant) and antibacterial activities against Candida and Staphylococcus aureus.

R.E.P WHOLE BODY STICK

- ✓ Temporary relief of itchy dry skin
- ✓ Improves skin elasticity
- ✓ Skin irritation test (Non-irritant)
- ✓ Temporary cellulite reduction



Clinical Trials / Korea Institute of Dermatological Science

This body stick can be used all over the body including face. It supports temporary relief of itching in dry skin, skin elasticity, and temporary cellulite reduction.
 - Hyalutosome™ based on Hydroethosome® technology
 - Multisome Cypress® encapsulated with cypress extract
 - Green Tea Extract by a patent extraction method
 - Hydroiet™, a fermented extract of turmeric with enhanced GABA