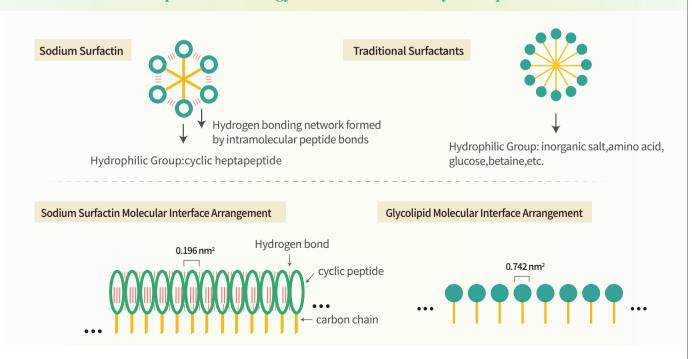




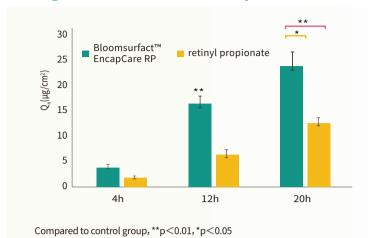
Bloomsurfact™EncapCare RP is an innovative retinyl propionate (RP) delivery system derived from Bloomage's patented delivery technology platform. It uses sodium surfactin, a biosurfactant, as a carrier to efficiently wrap RP, aiming to provide a gentler, more stable and more effective solution for the industry.

Bloomsurfact™ Sodium Surfactin, the biosurfactant and encapsulation material at the core of this technology, is sourced from 100% bio-based carbon through fermentation technology utilizing Bacillus subtilis strains. It boasts low CMC value, excellent emulsification capacity, High gentler and High biodegradability, making it is an excellent choice as a delivery technology.

The Core of EncapCare Technology Comes From Novel Cyclic Peptide Biosurfactant

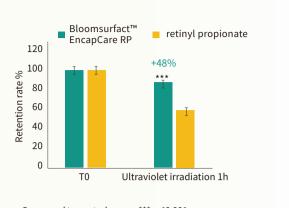


High efficient transdermal absorption, Improve the bioavailability of RP



Bloomsurfact™ EncapCare RP was significantly better than that of retinol propionate for transdermal absorption.

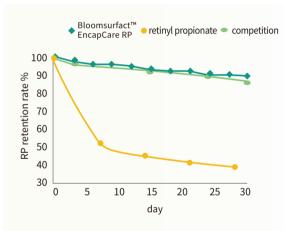
Ultraviolet stability



Compared to control group, ***p<0.001

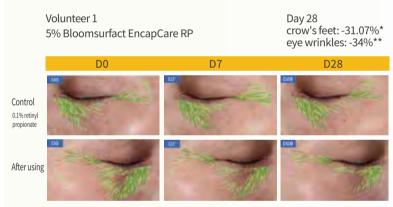
Bloomsurfact™ EncapCare RP was significantly better than that of retinol propionate for Ultraviolet stability.

High-temperature stability



Bloomsurfact™ EncapCare RP is stored in dark 50°C for 30 days, with optimal stability and retention rate of > 90%.

Reduce wrinkles (in-vivo)



Compared to control group, **p<0.01, *p<0.05

After 28 days, using 5% EncapCare RP, crow's feet and eye wrinkles decreased significantly.

Product Description

Appearance: Milky white to yellowish liquid

Recommended usage: 5%-20%

Application: Lotion, cream and serum and other anti-aging products



BLOOMAGE BIOTECHNOLOGY CORPORATION LIMITED

Add: No.678 Tianchen St., High-Tech Development Zone, Jinan, China 250101 Tel: +86 531 82685998 Fax: +86 531 82685988 www.bloomagebioactive.com E-mail: customer@bloomagebioactive.com



CREATIVE TECHNOLOGY FOR VIBRANT LIFE