

「Biomeet™ EncapCare VCIP」

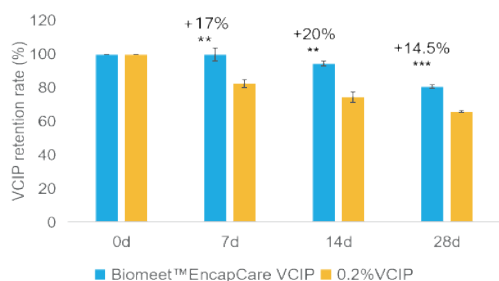
Green delivery, an innovative solution for
enhancing VC efficacy

Higher Stability, Powerful Penetration, High - efficiency Whitening, Embedding rate of over 99%



Biomeet™ EncapCare VCIP uses green biodegradable Bloomsurfact™ Surfactin Sodium as a carrier to efficiently encapsulate VCIP. This carrier has a low CMC value, small molecular cross - sectional area, and natural self - assembly ability. It can stably encapsulate VCIP, improve bioavailability, and thus provide an efficient vitamin C derivative solution for the industry.

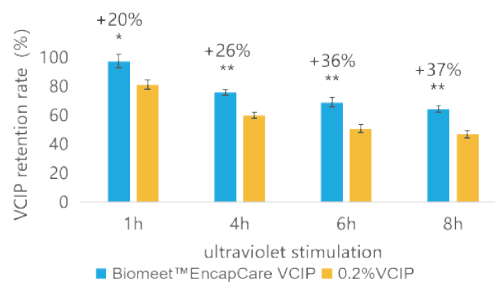
● High - temperature stability is excellent



Note: Compared to the free VCIP, **p<0.01, ***p<0.001

The retention rate of VCIP increases by 14.5% after 30 days at 50°C.

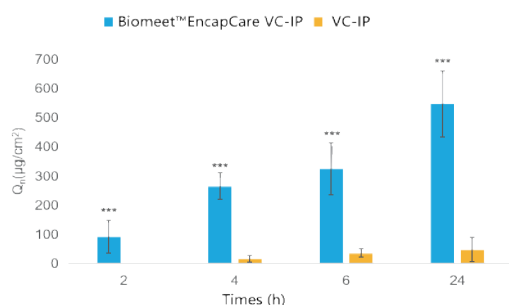
● UV Stability is excellent



Note: Compared to the free VCIP, **p<0.01

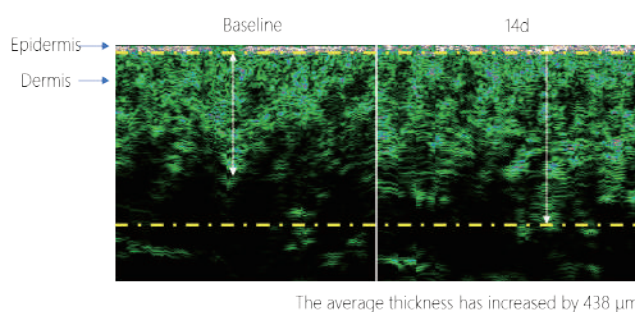
Stability up 37% after 8-hour UV irradiation

● High efficient transdermal absorption, improve the bioavailability of VCIP

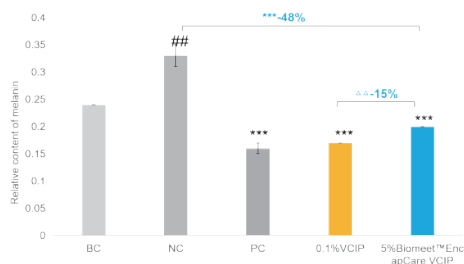


Absorption efficiency increases 18 times in 4 hours

● Develop a resilient "thick - skinned" skin in 14 days



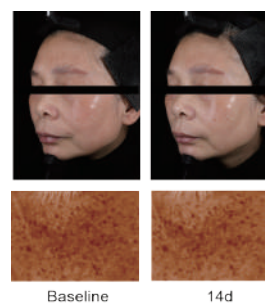
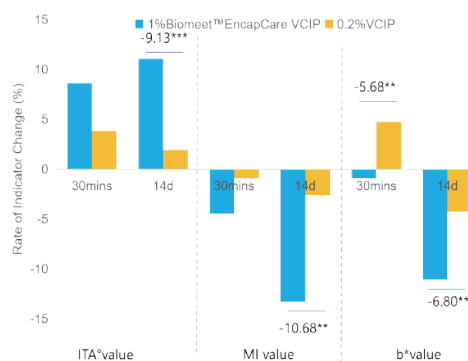
● Reduce melanin, and brightens the skin (In-vitro)



The melanin content decreased by 48%

Compared with the negative control group, **p<0.01, ***p<0.001, △△p<0.01.
Modeling conditions: 50mJ/cm². Positive control: 500µg/ml kojic acid.

● Reduce melanin production and enhance skin brightness (In-vivo)



INCI: Aqua, Caprylic/Capric Triglyceride, Glycerin, Ascorbyl Tetraisopalmitate, Sodium Surfactin, Propanediol, 1,2 - Hexanediol, Raspberry Ketone
Appearance: Milky white to yellowish liquid
Recommended dosage: 1%-20%
Application: Lotions, essences, creams and other personal care products with whitening and anti - aging effects.

