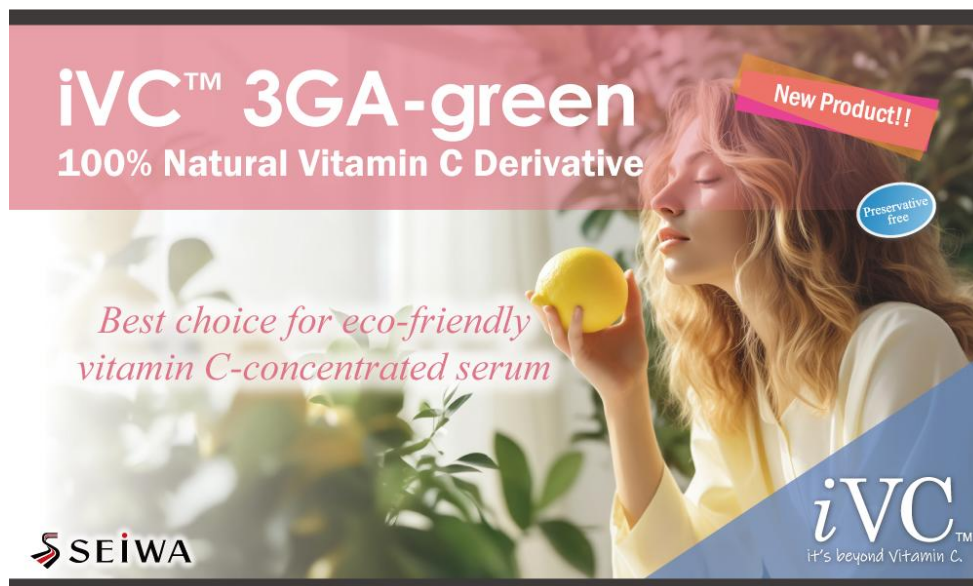


November 4, 2025

SEIWA launches iVC™ 3GA-green, a 100% Plant-Derived Sustainable Anti-Aging Vitamin C



Property

1. Vitamin C derivative best for vitamin C-concentrated cosmetics
2. Multifaceted anti-aging care
3. Sustainable and Eco-friendly

Background

Vitamin C is known as a beauty ingredient that addresses various skin problems such as brightening, pores and acne. In recent years, as the growing trend of well-aging and “Morning C, Evening A” routine have spread via social media and word of mouth, vitamin C-concentrated skincare products have become highly popular worldwide. However, developing such products is challenging because of vitamin C’s tendency for discoloration and odor change over time, as well as formulation instability. As a result, the amount of vitamin C often has to be limited, which can make it difficult to achieve sufficient skin benefits.

We believe that the key to maximizing the benefits of high-concentration vitamin C is improving its stability, thus we developed iVC™ 3GA-green, a vitamin C derivative* combining stability, skincare benefits and sustained efficacy through our original patented technology. Because iVC™ 3GA-green has excellent stability, exhibits less discoloration over time and maintains a high residual rate (Figure 1), it is the most suitable ingredient for high-concentration vitamin C serums or cosmetics.

*A compound that integrates a functional group into vitamin C

■Stability: the most suitable vitamin C derivative for high-concentration cosmetics (Figure 1)

Vitamin C concentrated serum	iVC 3GA-green 71.4%*2	Vitamin C 15.0%*2	Vitamin C derivative*1 29.0%*2
Appearance change over time (50 deg C, 3 months)			

*1 Ascorbyl Glucoside

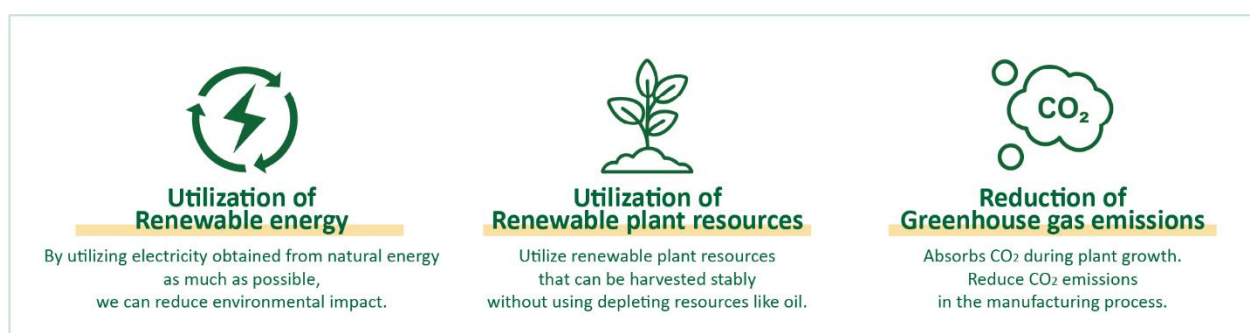
*2 Adjust the amount of each ingredient so that the concentration of vitamin C in the serums are 15.0%.
pH of serums are adjusted to 3.0 to 4.0 with potassium hydroxide.

In terms of the skin care benefits, iVC™ 3GA-green exerts comprehensive anti-aging effects (Figure 2) through multiple mechanisms, such as anti-photoaging effect, promotion of collagen production, and inhibition of melanin synthesis. Furthermore, it is a 100% plant-derived sustainable ingredient (Figure 3) that minimizes environmental burden even during the manufacturing process.

■Skincare Effects: Multifaceted Anti-Aging (Figure 2)



■Sustainable & Eco-Friendly (Figure 3)



How to use iVC™ 3GA-green

iVC™ 3GA-green can be used in a wide range of formulations, including skincare, base make-up and suncare products. Its high stability makes it especially suitable for high-concentration vitamin C serums and cosmetics. Furthermore, as a sustainable vitamin C derivative, it supports next-generation skincare concepts such as “high-concentrated vitamin C × 100% plant-derived” and “high-performance × ethical.”

Product information

Product name: iVC™ 3GA-green

INCI name: 3-Glyceryl Ascorbate, Pentylene Glycol, Water

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