



**TOPSCIENCE** 众山



# L-Ascorbic Acid 2-Glucoside

**Material Submission Code:  
004104-00507-6011**

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MOLECULAR WEIGHT: 338.26

MOLECULAR FORMULA:  $C_{12}H_{18}O_{11}$

## PRODUCT FEATURES



L-Ascorbic Acid 2-Glucoside is a kind of natural Vitamin C containing stable glucose stabilizers.



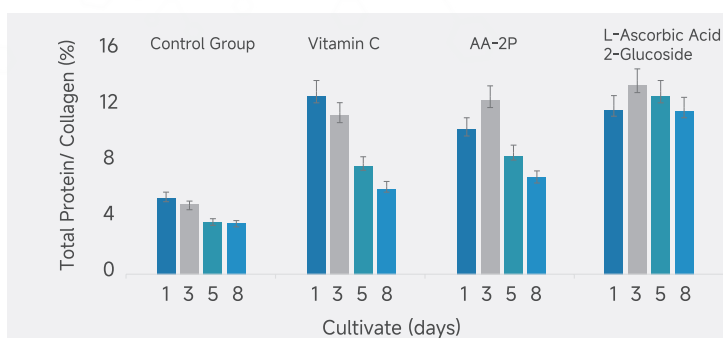
L-Ascorbic Acid 2-Glucoside has good stability and solubility in solution. It can essentially inhibit discoloration and degradation of Vitamin C in cosmetics while retaining all the biological activity of Vitamin C.



L-Ascorbic Acid 2-Glucoside can desalinate pigment and reduce the pigmentation of senile spots and freckles; Brighten skin tone, delaying aging, protecting the skin in sunscreen products.

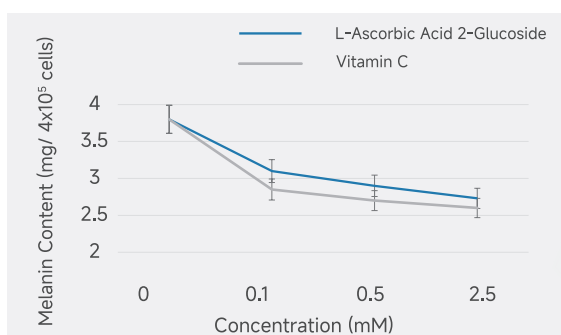
## EFFICACY TEST

### 01 L-Ascorbic Acid 2-Glucoside Can Stimulate Collagen Synthesis



The results showed that compared with the control group, the L-Ascorbic Acid 2-Glucoside group had a greater stimulating effect on collagen synthesis, which could stimulate collagen synthesis and delay aging.

### 02 L-Ascorbic Acid 2-Glucoside Inhibits Melanin Synthesis



The results showed that both L-Ascorbic Acid 2-Glucoside and Vitamin C have the effect of inhibiting melanin synthesis, and the inhibitory effect of L-Ascorbic Acid 2-Glucoside is better than that of Vitamin C.



Blank Group



Experimental Group

The results showed that both L-Ascorbic Acid 2-Glucoside and Vitamin C could inhibit melanin synthesis. And the inhibitory effect of L-Ascorbic Acid 2-Glucoside is superior to that of Vitamin C.

## APPLICATIONS

Mainly applied in cosmetics, such as lotions, creams, and sunscreens.

## PACKAGE AND STORAGE

1. 1kg/bag or 5kg/bag, pharmaceutical low density polyethylene bag with outer aluminum foil bag.
2. In an airtight container, protected from light and humidity, 2-8°C.