

AA2G™

AA2G is a trademark of Nagase Viita Co., Ltd., registered in Japan, the U.S. and other countries.

Better Skin

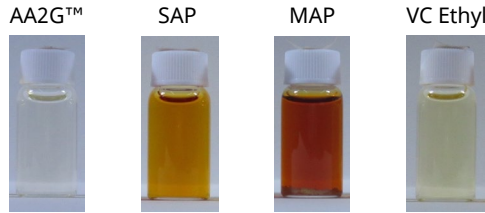
Stabilized Vitamin C Powered by Enzyme Technology, Improving Skin Conditions

What is AA2G™?

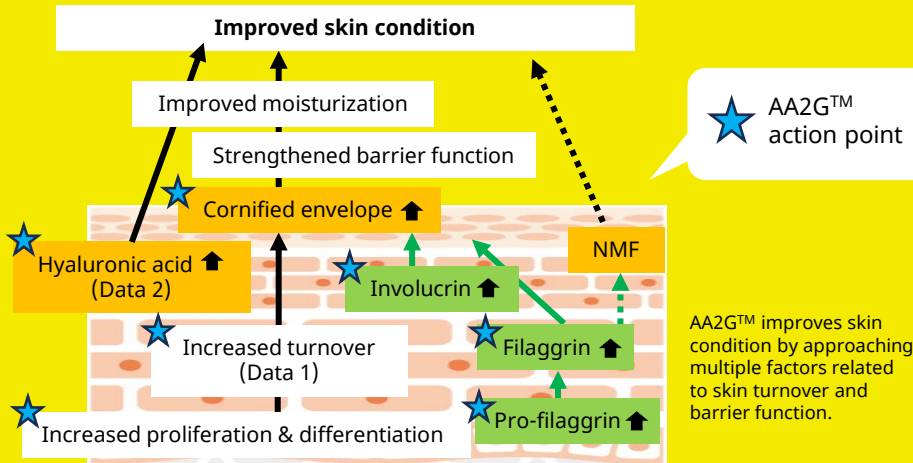
A highly stable Vitamin C derivative produced by combining Vitamin C with Glucose through enzyme technology.

Stability comparison test with other Vitamin C derivatives

Conditions: 2% solution adjusted to pH 6, stored at 40°C for 6 months



AA2G™ action points for better skin health

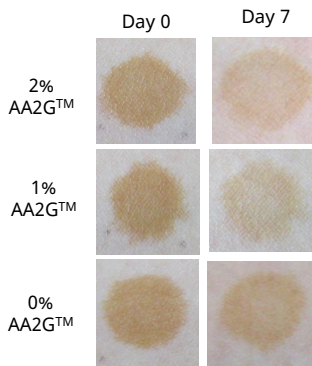
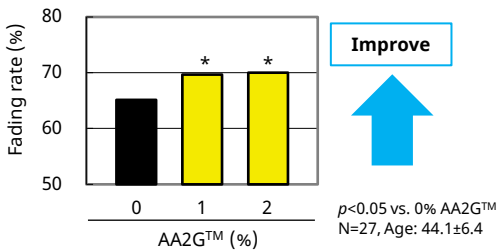


1. AA2G™ showed potential to accelerate epidermal turnover.

within 7 days

Method:

- 27 subjects had their inner arms dyed with dihydroxyacetone.
- They applied the toners with 0~2% AA2G™ to the dyed part.
- The fading rate of dihydroxyacetone was evaluated as a parameter of the level of skin turnover.



Fading of stained area was significantly accelerated by AA2G™ toner suggesting increased skin turnover.

Information

INCI NAME

Ascorbyl Glucoside

SUGGESTED USAGE LEVEL

Skin care	0.5-5.0%
Anti-aging	0.5-5.0%
Brightening	1.0-2.0%

Net. 1kg or 10 kg

EXPIRATION

18 months (net 10 kg) or 12 months (net 1 kg) from the production date

COUNTRY OF MANUFACTURE

Japan



CERTIFICATION



COSMOS APPROVED

raw material verified by ECOCERT GREENLIFE, conform to the COSMOS Standard

NATRUE Certified

IECIC Listed



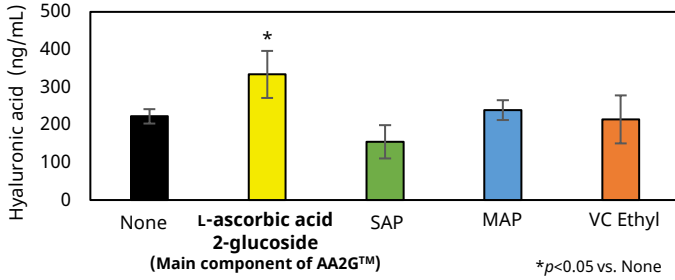
Certified as **Kosher and Halal**

SUSTAINABILITY

- ✓ **Natural Origin Index = 1.0** (ISO 16128)
- ✓ **Readily Biodegradable** (evaluated by OECD Chemical Substance Test Guideline No. 301F)
- ✓ **Animal Origin Free Material**
- ✓ **Non-GMO**

2. AA2G™ most effectively stimulated Hyaluronic acid production.

Comparison with other VC derivatives



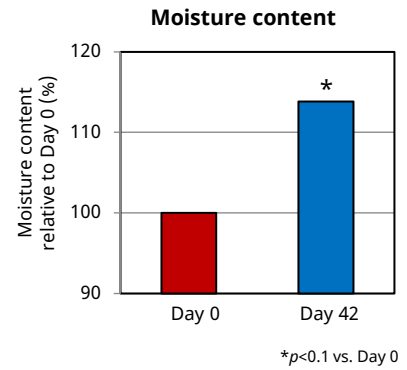
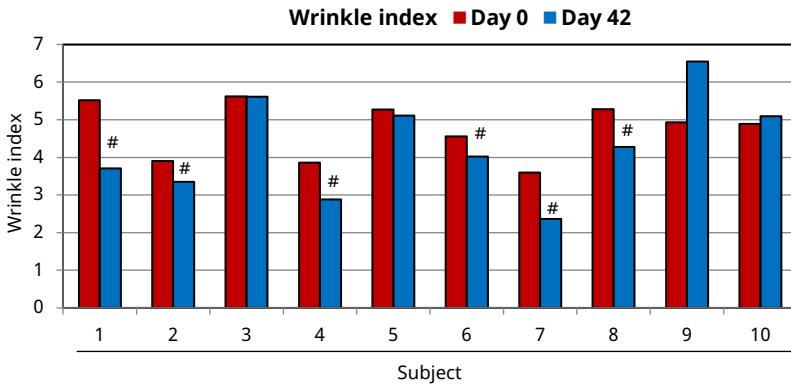
Method:

1. NHEK were incubated with or without VC derivatives.
2. The amount of hyaluronic acid was measured from the cell media.

VC derivatives: 1 mmol/L

3. 2% AA2G™ cream reduced wrinkle index after 6 weeks of use.

Method: 10 females (age: 38-42) applied 2% AA2G™ cream around the eyes twice a day for 42 days.



Positive effect# of AA2G™ cream was observed in six of ten subjects.

Decrease of more than 0.5 was considered as a positive effect.

