

JEJU CITRUS AHA PLUS

INCI NAME : CITRUS RETICULATA (TANGERINE) FRUIT EXTRACT

GENERAL DESCRIPTION FOR RAW MATERIAL

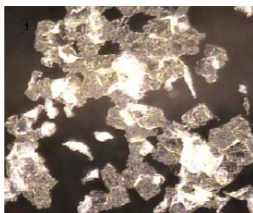
The tangerine (*Citrus tangerine*) is an orange-colored citrus fruit that is closely related to, or possibly a type of, mandarin orange (*Citrus reticulata*). Tangerines are smaller and less rounded than common oranges. The taste is considered less sour, as well as sweeter and stronger, than that of an orange. A ripe tangerine is firm to slightly soft, heavy for its size, and pebbly-skinned with no deep grooves, as well as orange in color. The peel is very thin, with very little bitter white mesocarp, which makes them usually easier to peel and to split into segments. All of these traits are shared by mandarins generally.

JEJU CITRUS AHA PLUS is rich in natural Alpha Hydroxy Acid for skin exfoliation produced by fermentation with a tangerine fruit from Jeju Island.

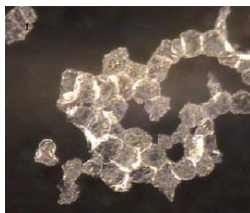
EFFICACY

Skin Exfoliation Action

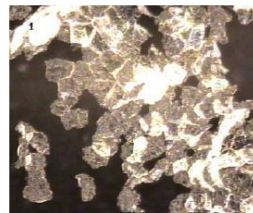
Control : Soap, Test : JEJU Citrus AHA 5% Soap



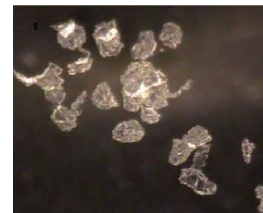
Control
(Before treatment)



Control
(After treatment)



JEJU-AHA 5%
(Before treatment)



JEJU-AHA 5%
(After treatment)

SPECIFICATION

Appearance	Brown ~ Dark brown liquid
Odor	Typical
pH (Neat)	3.5 ~ 5.5
Total Organic Acids Content	
- Lactic acid	12 ~16%
- Citric acid	5 ~ 8%
Total bacterial count	Not more than 100cfu/mL
Yeast & molds	Not more than 10cfu/mL

TECHNICAL INFORMATION

Processing & Dosage

The recommended dosage of JEJU CITRUS AHA PLUS is 10%. JEJU CITRUS AHA PLUS is a water-soluble active ingredient. In order not to disturb the structure and conformation of the actives, it is recommended to incorporate it into formula at the last phase of the formulation at about 40°C.

Storage & Shelf life

JEJU CITRUS AHA PLUS should be stored at room temperature in a tightly closed and lightproof package. If stored in these appropriate conditions the shelf life is at least 24 months. Once the original packing is opened, it is highly recommended to use at once.

Safety information

Alpha Hydroxy Acids (AHAs) are group of natural acids found in foods. Various alpha hydroxy acids are applied to the skin (used topically) for moisturizing and removing dead cells, for treating acne and improving the appearance of acne scars, for improving the appearance of photo-aged skin, and firming and smoothing skin. Based on its usage as cosmetic, JEJU CITRUS AHA PLUS is believed as a safe material for cosmetic use.

PRODUCT INFORMATION

TRADE NAME	JEJU CITRUS AHA PLUS
INCI NAME	COMPOSITION (INCI Key Index)
CITRUS RETICULATA (TANGERINE) FRUIT EXTRACT	A
STANDARD PACKAGE	20KG

INCI Key Index
A : Greater than 50%
B : Greater than 25% but less than or equal to 50%
C : Greater than 10% but less than or equal to 25%
D : Greater than 5% but less than or equal to 10%
E : Greater than 1% but less than or equal to 5%
F : Greater than 0.1% but less than or equal to 1%
G : Less than or equal to 0.1%



The content of this document was established with utmost possible care. However, we reserve the right to add the information, to correct or to delete it without prior notice.

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