

ANGELICA EXTRACT

INCI NAME : WATER / BUTYLENE GLYCOL / ANGELICA KEISKEI LEAF&STEM EXTRACT

GENERAL DESCRIPTION FOR RAW MATERIAL

Angelica keiskei, commonly known under the Japanese name of Ashitaba (アシタバ or 明日葉 ashitaba, literally "Tomorrow's Leaf"), is a cold hardy perennial plant from the angelica genus. Traditionally it is seen as a major contributor to the supposedly healthier, extended lives of the local residents, possibly due to the chalconoids that are unique to this species of angelica. These days the main use of their stipes, leaves, and taproots is in regional cuisine, where they are prepared as soba, tempura, shōchū, tea, ice cream, pasta etc.

1. Angelica acutiloba <http://flowers.la.coocan.jp/Umbelliferae/Angelica%20acutiloba.htm>
2. Yamada, Haruki, Saiki, Ikuo, Juzen-taiho-to (Shi-Quan-Da-Bu-Tang): Scientific Evaluation and Clinical Applications

TECHNICAL INFORMATION

Processing & Dosage

The recommended dosage of ANGELICA EXTRACT is 1.0% ~ 5.0%. ANGELICA EXTRACT 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

ANGELICA EXTRACT 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

Angelica keiskei is a large herb that grows primarily in the central region of Japan. Its root, leaf, and stem are used to make medicine. Angelica keiskei is reported to exhibit cytotoxic, antidiabetic, antioxidative, anti-inflammatory, antihypertensive, and antimicrobial properties via in vitro studies.

Based on the usage of angelica keiskei as a medicine, ANGELICA EXTRACT is considered as safe material for cosmetic usage.

SPECIFICATION

Appearance	Yellow brown liquid
Odor	Typical
Refractive Index (N_D^{20})	1.350 ~ 1.400
pH (1→10)	4.5 ~ 6.5
Specific Gravity (d20/20)	1.000 ~ 1.040
Dry Residue (1g,105°C,3hr)	1.0 ~ 4.0%
Total bacterial count	Not more than 100cfu/g
Yeast & molds	Not more than 10cfu/g

PRODUCT INFORMATION

TRADE NAME	ANGELICA EXTRACT
INCI NAME	COMPOSITION (INCI Key Index)
WATER	A
BUTYLENE GLYCOL	B
ANGELICA KEISKEI LEAF/STEM EXTRACT	E
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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