

For young & healthy skin

ULMUS EXTRACT PF

INCI NAME : WATER / BUTYLENE GLYCOL / ULMUS DAVIDIANA ROOT EXTRACT / PHENOXYETHANOL

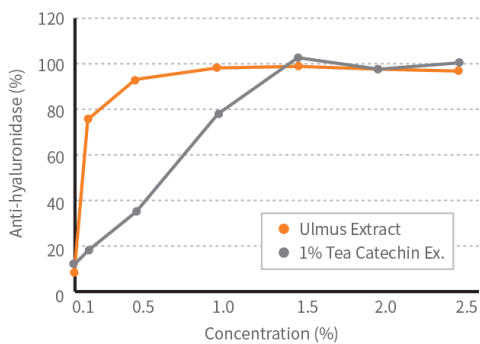


GENERAL DESCRIPTION FOR RAW MATERIAL

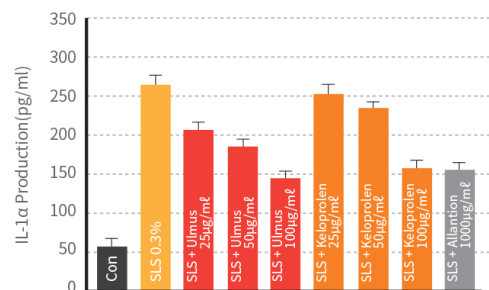
Ulmus davidiana var. japonica, the Japanese Elm, is one of the larger and more graceful Asiatic elms, endemic to much of continental north-east Asia and Japan. It is a deciduous tree which is widely distributed in Korea. The size and shape of the Ulmus davidiana var. japonica is extremely variable, ranging from short and bearing a densely branched broad crown similar to the Wych Elm to tall, single-stemmed, with narrow crown similar to the English Elm. The stem and root bark of this species have been used in traditional oriental medicine for the treatment of oedema, mastitis, gastric cancer, and inflammation. Ulmus Extract is natural polysaccharide extract from the root bark of Ulmus davidiana var. japonica.

EFFICACY

Anti Hyaluronidase



Anti-inflammatory



SPECIFICATION

Appearance	Yellow viscous liquid
Odor	Typical
Refractive Index (N_D²⁰)	1.330 ~ 1.360
pH (1→10)	5.0 ~ 7.0
Specific Gravity (d₂₀/20)	0.990 ~ 1.030
Dry residue	0.6 ~ 1.0%
Total bacterial count	Not more than 100cfu/mL
Yeast & molds	Not more than 10cfu/mL

TECHNICAL INFORMATION

Processing & Dosage

The recommended dosage of ULMUS EXTRACT PF is 1.0% ~ 5.0%. ULMUS EXTRACT PF 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

ULMUS EXTRACT PF 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.

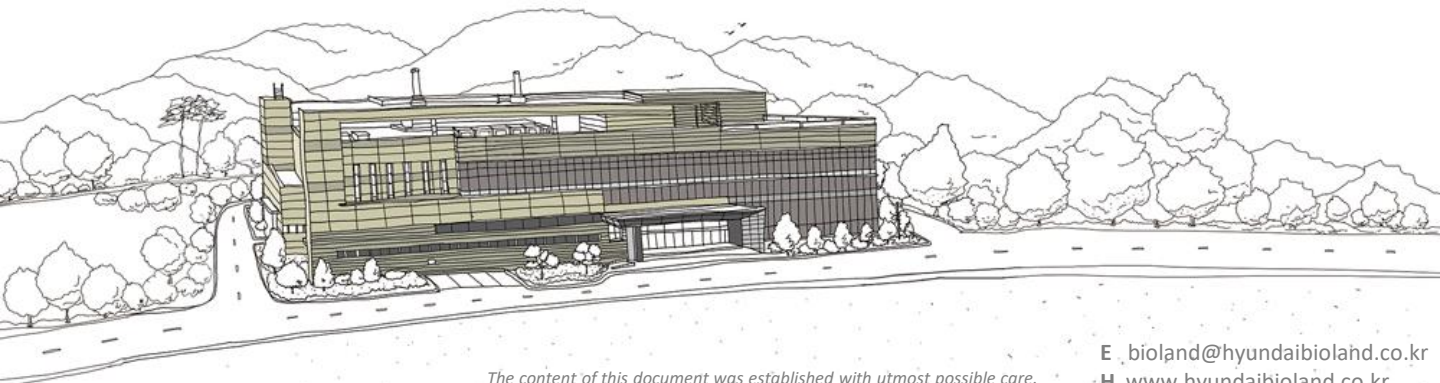
Safety information

Ulmus davidiana var. japonica has been introduced for medical use in Traditional Chinese Medicine (TCM). It has been traditionally used for treating swellings by anti-microbial effect, arthritis by painkilling & pain relieving effect, and for skin diseases (external application as a folk remedy). Based on the usage of TCM, ULMUS EXTRACT (J TYPE) is considered as safe material for cosmetic usage.

PRODUCT INFORMATION

TRADE NAME	ULMUS EXTRACT PF
INCI NAME	COMPOSITION (INCI Key Index)
WATER	A
BUTYLENE GLYCOL	E
ULMUS DAVIDIANA ROOT EXTRACT	F
PHENOXYETHANOL	F
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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