

Spring the skin with Freshness and Energy of Spring

SPRINGTHESKIN

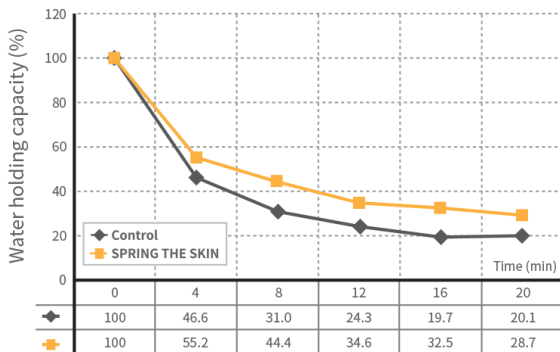
INCI NAME : WATER / SEDUM SARMENTOSUM EXTRACT / 1,2-HEXANEDIOL

GENERAL DESCRIPTION FOR RAW MATERIAL

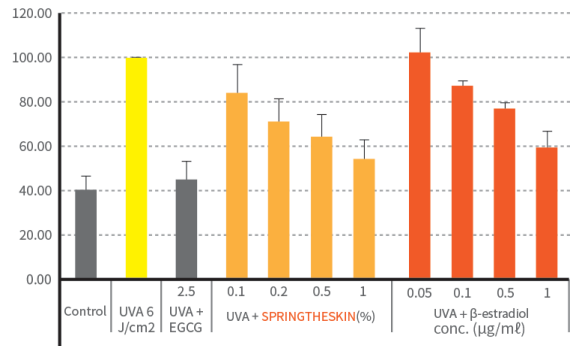
Sedum Samentosum is a perennial plant with sprawling leafy stems up to 10 inches (25 cm) long and 6 inches (15 cm) high. The stem is light green to pale purple. The fleshy leaves are arranged in whorls of 3 at intervals along the stem. *Sedum Sarmentosum Bunge*, also known as “Moisture Grass” or “Stringly Stonecrop” in Korea, is one of the most famous spring vegetable and used as botanical medicine in Korea and China. According to the Traditional Korean Medicine, it is well known for its traditional usage to treat redness in the eyes, headaches, red swelling due to urticaria, burns, and children’s erysipelas.

EFFICACY

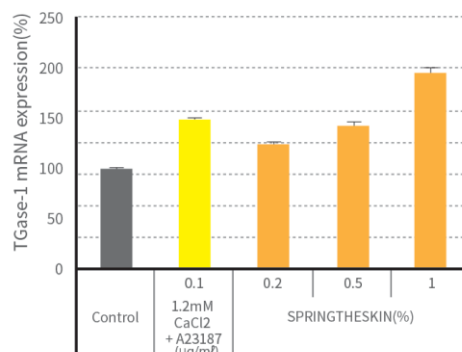
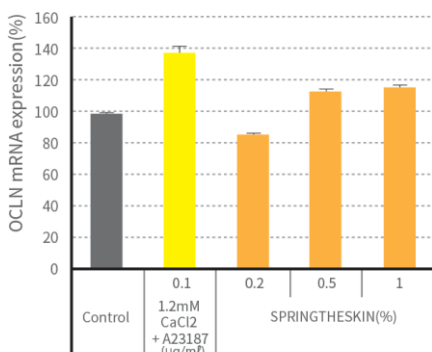
Moisturizing Corneometer



Anti-wrinkle MMP-1 Expression rate (%)



Strengthening skin barrier



*Occludin(OCLN)
:A Protein in the tight junctions

*Transglutaminase(TGase)
:Enzyme that cross-linking insoluble proteins to make skin barrier stronger.

TECHNICAL INFORMATION

Processing & Dosage

The recommended dosage of SPRINGTHESKIN is 1.0% ~ 5.0%. SPRINGTHESKIN 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

SPRINGTHESKIN 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

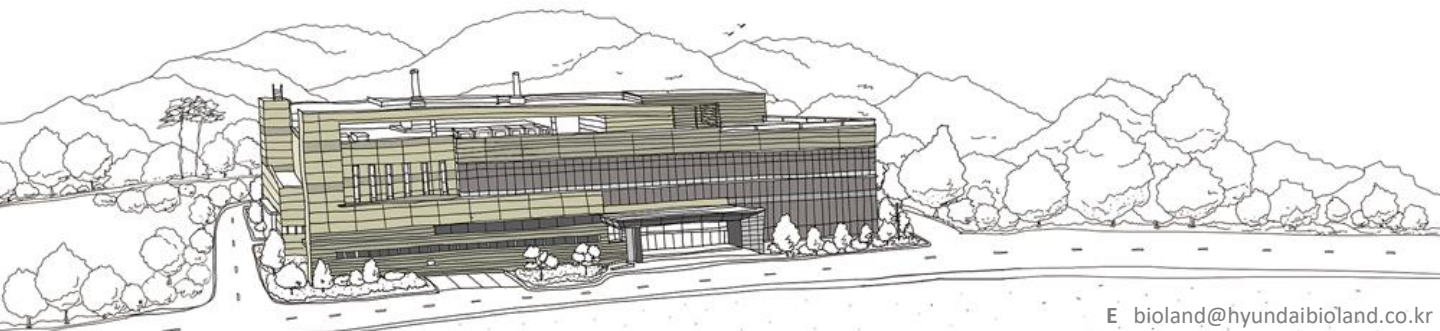
According to the Donguibogam which is the representative classic of Korean Medicine, Sedum Samentosum (Sedi Herba) is used to treat people who are on the verge of becoming crazy due to vexation and heat. It treats redness in the eyes, headaches, red swelling due to urticaria, burns, and children's erysipelas. Also, Sedum Samentosum is one of the most famous spring vegetable in Korea. Based on its historical usage as botanical medicine and usage as diet, Sedum Samentosum is believed as a safe material for cosmetic use.

SPECIFICATION

Appearance	Colorless ~ Light yellow liquid
Odor	Typical
Refractive Index (N _D ²⁰)	1.330 ~ 1.360
pH (Neat)	4.5 ~ 6.5
Specific Gravity (d ₂₀ /20)	0.990 ~ 1.030
Dry Residue	0.3 ~ 1.0%
Total bacterial count	Not more than 100cfu/mL
Yeast & molds	Not more than 10cfu/mL

PRODUCT INFORMATION

TRADE NAME	SPRINGTHESKIN	INCI Key Index
INCI NAME	COMPOSITION (INCI Key Index)	A : Greater than 50%
WATER	A	B : Greater than 25% but less than or equal to 50%
1,2-HEXANEDIOL	E	C : Greater than 10% but less than or equal to 25%
SEDUM SARMENTOSUM EXTRACT	F	D : Greater than 5% but less than or equal to 10%
STANDARD PACKAGE	20KG	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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