

DS-CERIX5

- Skin physiological lipid complex with optimized ratio of skin lipids composition
- Nature complex for very sensitive skin
- Safe and good effect on atopic dermatitis and severe dry skin
- Enhance skin barrier function using barrier lipids
- Anti-wrinkle effect
- Easy to use in most types of cosmetic formulation

Ingredient Identification

Trade Name : DS-CERIX5

INCI Name : Ceramide NP (Ceramide 3), Caprylic/Capric Triglyceride, Cholesterol, Hydrogenated Lecithin, Phytosphingosine, Stearic Acid, Oleic Acid, Lactic Acid, Caprylyl Glycol/Caprylhydroxamic Acid/Glycerin, Aqua

Active Ingredient Contents : Ceramide NP(Ceramide 3) $\geq 3.5\%$,
Phytosphingosine $\geq 1.5\%$

Material Description

The skin is the most important organ forming a barrier between our physical body and the outside environment. As DS-CERIX5 is a skin physiological lipid complex containing Ceramides, Cholesterol and Fatty acids at an optimized ratio, it is designed by nature to keep out harmful microorganism, maintain skin moisture balance and enhance skin barrier recovery. Especially, DS-CERIX5 is proved by clinical tests to have good effects on very sensitive skin such as Atopic dermatitis.

Specifications

Appearance	: Emulsified cream
Color	: White to off white
Odor	: Characteristic odor
Active Ingredient Contents	: Ceramide NP(Ceramide 3) $\geq 3.5\%$ Phytosphingosine $\geq 1.5\%$
pH	: 3.0 ~ 4.0
Heavy Metal	: $\leq 20\text{ppm}$
Arsenic	: $\leq 2\text{ppm}$
Microbial Content	: $\leq 100\text{CFU /g}$

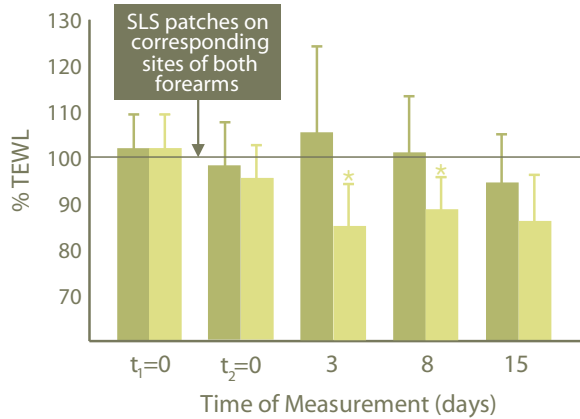
Package

5Kg Plastic Container



Repair of skin barrier using barrier lipids in human subjects

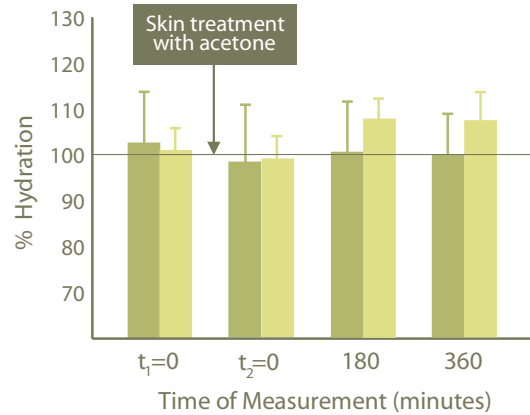
n=12 Females, 22 ~ 24 years
Treatment: Twice a day for 14 days



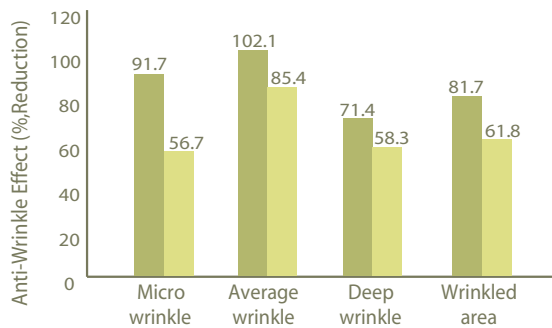
Emulsion 1 : 0.6% Cera 3 + 0.4% Cera 3B

Emulsion 2 : 0.2% Cera 3 + 0.2% Cera 3B + 0.1% Cera 6 + 0.5% Phytosphingosine + 0.25% Cholesterol + 0.25% linoleic acid
*JEADV, 16, 587-594(2002)

n=11 Females, 22 ~ 26 years
Treatment: A single application



Anti-wrinkle effect : clinical study



Control Cream
DS-Cerix5, 5% Cream

: In vivo test on human subjects

- Subjects : 7 females (average age : 48)
- Dosage : On crow's feet, twice a day for 28 days
- Instrument : Skin Image Analysis implemented on skin replica
- Test Cream : Cream containing DS-CERIX5(5%)

For sensitive skin : clinical studies on Atopic dermatitis

