

Ikeda Extracts

► KIWI SEED EXTRACT-PC

INCI name: Dextrin (And) Actinidia Chinensis (Kiwi) Seed Extract

Appearance and Odor: Yellow powder with a unique smell

Health Boosting Benefits: Guaranteed to contain 5.0 mg/100 g of quercitrin and 2.0% polyphenols, constituents which are found most abundantly in the seeds of the kiwi fruit

Properties: Anti-aging, anti-wrinkle, anti-under eye darkness and non-irritating properties on skin

Stability: The polyphenol content of the Kiwi seed extract is highly stable at temperature of 100-120°C for one hour. The extract itself is heat stable up to 50 °C. pH stable from 3-10.

Applications: Body lotion, body gels, and creams

Recommended Dosage: 0.1-1.0%

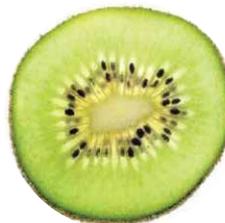


Figure 1. An image of the kiwi fruit

► SAKURA EXTRACT-PC

INCI name: Dextrin (And) Prunus Lannesiana Flower Extract (And) Ascorbic Acid (And) Malic Acid

Description: An extract of the Japanese cherry blossom; functional components are glucoside derivatives of cinnamic acid and flavanol glucoside

Appearance: Pale pink powder

Properties: Anti-glycation, anti-aging, anti-wrinkle and moisturizing

Stability: Heat stable up to 50°C

Applications: Skin creams and lotions

Recommended Dosage: 0.1-1.0%



Figure 1. An image of a cherry blossom, the source of sakura extract

► LITCHI SEED EXTRACT-PC

INCI name: Litchi Chinensis Seed Extract (And) Dextrin

Description: Works against negative signs of aging with its ability to inhibit collagenase, elastase, and hyaluronidase while also having the highest activity level for the collagen growth rate

Properties:

- Promotes skin elasticity, firmness, suppleness, moisture retention, tightness
- Decreases fine lines, wrinkles, and sagging
- Prevents against UVB induced hyperpigmentation

Stability: Heat stable up to 50°C

Applicability: Creams and moisturizing lotions

This is an ECOCERT registered product.



Figure 1. An image of the litchi fruit displaying the hull, flesh, skin and seed

► PURPLE RICE EXTRACT-PC

INCI name: Oryza Sativa (Rice) Extract (And) Dextrin

Description: This material comes as a purple to black colored powder which is soluble in water. Its unique color attributed to the functional component anthocyanin.

Properties:

- Inhibits elastase, collagenase, hyaluronidase, and melanin pigments
- Prevents fine lines and wrinkles
- Maintains collagen, skin suppleness, flexibility, reduces dryness, and reduces skin sagging
- Has whitening effects
- Boosting Vitamin C activity

Stability: Heat stable up to 50°C

Applications: Lotions and creams



Figure 1. An image of an unpolished, purple rice grain

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iKeda

Oryza

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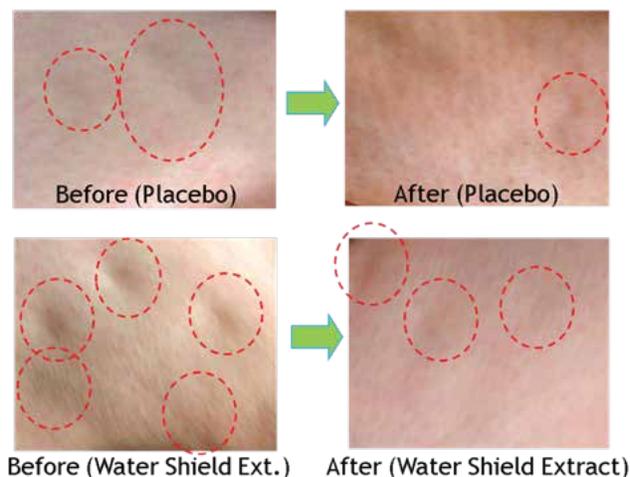
▶ WATER SHIELD EXTRACT-PC

INCI name: Sodium Starch Octenylsuccinate (And) Brasenia Schreberi Leaf Extract

Properties:

- ▶ Plant origin ingredient intended for anti-cellulite topical use applications (figure 1)
- ▶ Contains approximately 17% of water shield extract in the composition with the active components in the product standardized at a minimum of 5% polyphenols, a minimum of 0.01% junsanoside A, and a minimum of 2.5% polysaccharides
- ▶ The high concentration of actives could mean this product is effective more significantly with low dosage (recommended dosage: 0.1-0.6%)
- ▶ These types of active ingredients work to inhibit fat accumulation, collagenase activity (enzymes that break down the peptide bonds in collagen), and elastase activity (enzymes that break down proteins)
- ▶ The intended result is focused towards overall improved looking skin.

Figure 1. A topical test over the duration of 2 weeks with 5 female subjects (aged 30-50 years old). Water Shield Extract (equivalent to "LC" grade 10%) in a gel formulation was applied twice daily on the upper hip and upper arm and compared against a placebo. Note: The LC grade still performed significantly even though the active components are at a much lower concentration than PC grade. (LC= 1% and no active components standardized vs. PC= 17% and three standardized active components; as mentioned in the text).



▶ ORYZA CERAMIDE®-WSPC

INCI name: Maltosyl Cyclodextrin (And) Cyclodextrin (And) Maltose (And) Oryza Sativa (Rice) Bran Oil (And) Glycosphingolipids

Appearance: Slightly yellow powder

Properties:

- ▶ Extracted and refined from rice bran or rice germ
- ▶ Water soluble
- ▶ Inhibitory effect on melanin formation, tyrosinase activity
- ▶ Possesses a moisturizing effect, skin lightening effect and improvement of barrier function of atopic dry skin
- ▶ Good for anti-aging and rejuvenation of stressed skin

Stability: Heat stable up to 50°C

Applications: Creams and lotions

▶ ORYZA PEPTIDE-PC60

INCI name: Hydrolyzed Rice Bran Extract

Description: A rice-derived peptide powder containing more than 60% peptide. This is a water soluble powder with no binder.

Properties: Anti-pigmentation, whitening, moisturizing, and anti-wrinkle

Stability: Highly stable under acidic and neutral condition with minimal degradation observed under alkaline conditions.
Heat stable up to 50 °C.

Applications: Body lotions, creams and gels



Figure 1. An image displaying the solubility of ORYZA PEPTIDE-PC60. Left: 1% solution (pH 3.8), Right: 3% solution (pH 3.9)