

Trade Name <i>INCI nomenclature</i>	Description	Applications <i>Use Level</i>
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Plant Polydeoxyribonucleotide (PDRN) Technologies

Plant PDRN technology uses a patented advanced extraction method to produce highly purified DNA fragments that offers multiple advantages:

- Controlled DNA fragmentation to obtain low MW fragments (<50kDa)
- Preservation of beneficial plant actives and PDRN at higher concentrations
- Source of nutrient rich media to support skin metabolism to provide enhanced biological activities

The fruit bodies of Matsutake or Tremella mushrooms are cultivated to specific developmental stages under specific conditions to maximize the PDRN concentration before harvesting and extraction. American Ginseng cell clusters are cultivated in a nutrient-rich liquid medium under controlled conditions to maximize the PDRN concentration.

American Ginseng PDRN <i>INCI: Sodium DNA</i>	Effective plant PDRN bioactive with multi-targeted biological actions delivering enhanced anti-aging, anti-wrinkle, skin elasticity and moisturization benefits.	Anti-aging Anti-wrinkle Skin repair <i>Use level: 1%</i>
Tremella Aurantialba PDRN <i>INCI: Sodium DNA</i>	Plant PDRN bioactive effectively targets multiple biological activities providing enhanced skin soothing, barrier repair, and moisturization properties.	Skin soothing Skin moisturization Skin repair <i>Use level: 1%</i>
Matsutake PDRN <i>INCI: Sodium DNA</i>	Effective plant PDRN bioactive with multi-targeted biological actions providing enriched skin anti-aging, brightening, anti-wrinkle, barrier repair, elasticity, and hydration benefits.	Skin brightening Anti-aging Skin repair <i>Use level: 1%</i>

Microclustered Technologies & Plant Extracts

Patented low temperature microclustered water enzymatic process retains plant phytonutrient components, ensures better skin penetration, and preserves heat sensitive actives.

Prinsepia Utilis Oil <i>INCI: Prinsepia Utilis Oil</i>	Himalayan cherry plant oil rich in natural phytonutrients (polyphenols, PUFA and flavonoids) with anti-inflammatory and anti-oxidative properties developed to enhance SPF.	SPF booster Skin barrier repair Anti-inflammation <i>Use level: 5-30%</i>
Microclustered Coffee Pulp Cellsap <i>INCI: Coffea Arabica Extract</i>	Coffee extract rich in natural chlorogenic acid and caffeine to support increased collagen production, skin elasticity and reduction of wrinkles for a smoother skin texture.	Anti-aging Anti-wrinkles Skin elasticity <i>Use level: 1- 5%</i>
Tremella Aurantialba Extract <i>INCI: Tremella Aurantialba Extract</i>	Tremella mushroom polysaccharides form a natural film on the surface of the skin that improves skin moisturization, provides soothing and barrier repair properties.	Skin moisturization Skin barrier repair Skin soothing <i>Use level: 0.5-3%</i>
Matsutake Extract <i>INCI: Tricholoma Matsutake Extract</i>	Matsutake mushroom rich in ergothioneine and polysaccharides, reduces intracellular ROS and slows down collagen and elastin breakage to support skin elasticity, moisturization, and reduction of wrinkles.	Anti-aging Anti-wrinkle Skin elasticity Skin moisturization <i>Use level: 0.5-3%</i>