

Protein-Hyaluronate Blend

Specification Sheet

Description: Proprietary blend of botanically derived polypeptides, hydrolyzed hyaluronic acid (molecular weight less than 10 kDa) derived from bio fermentation, and amino acids fermented from plant-based sources. Rice polypeptides (proteins) have been found to stimulate hyaluronic acid synthesis in the skin while pea-derived polypeptides (proteins) can reduce the appearance of age-related hyper-pigmentation. Both pea and rice polypeptides bind to the hydrolyzed sodium hyaluronate contained in the blend thereby improving their bio-availability in the skin. Gluten-free.

CAS: 7732-18-5, 100209-45-8, 222400-29-5

INCI Name: Water, Hydrolyzed Rice Protein, Hydrolyzed Pea Protein

Composition: Water, Hydrolyzed Rice Protein, Hydrolyzed Pea Protein, Glycine, Proline, Hydrolyzed Sodium Hyaluronate, Benzyl Alcohol, Potassium Sorbate, Sodium Benzoate

Appearance: Clear to slightly hazy amber liquid, with a characteristic odor.

Benefits:

- Multi-functional anti-aging properties addressing intrinsic and extrinsic targets at once.
- Minimizes the appearance of deep wrinkles, reduces the appearance of age spots.
- Provides great moisturizing effects due to hyaluronic acid.

Use: Add to the final phase of emulsions, at cool down, at a temperature below 40°C (104°F) after emulsion has formed. Ideal pH range 4-7. Typically used at 1-3%. Can be added to clear formulas. For external use only.

Applications: Anti-aging & anti-wrinkle lotions, gels, serum, and creams. Moisturizing products including after-sun products.

Solubility: Water-soluble

Preservation: Benzyl alcohol, potassium sorbate, sodium benzoate

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: USA

Raw material source: Peas, rice, soy peptone and yeast extract



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Manufacture: Hyaluronic acid is produced biotechnologically through microbial fermentation with the aid of yeast extract and peptones and serums. Polypeptides are extracted from rice and peas.

Animal Testing: Not animal tested.

GMO: GMO-Free

Vegan: Does not contain animal-derived components.

HS Code: 2942009000