

Date: 23-Mar-2021

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. Preserved with benzyl alcohol, potassium sorbate, and sodium benzoate. Gluten-free. Clear to slightly hazy liquid. Water-soluble.

CAS: 7732-18-5, 100209-45-8, 222400-29-5, 56-40-6, 147-85-3, 9067-32-7

INCI Name: Water, hydrolyzed rice protein, hydrolyzed pea protein, glycine, proline, hydrolyzed sodium hyaluronate

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. Store refrigerated. For external use only.

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

Country of Origin: USA

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

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