

Lupine Protein, Hydrolyzed

Specification Sheet

Description: Hydrolyzed protein from the seeds of the lupine plant (*Lupinus*) which are high in proteins and contain 35-45% of all the essential amino acids. Lupine cultivation goes way back to ancient Egypt and Greece. Preserved with phenonip. Clear yellow to amber liquid, faint herbal odor, water soluble.

CAS: 73049-73-7

INCI Name: Hydrolyzed lupine protein

Benefits:

- Contains a high amount of essential amino acids which provide many benefits and options in the fight against premature aging
- Good anti-static, rejuvenating and conditioning properties

Use: Add to formulas to the water phase. Typical concentration 2-40%. Store in refrigerator. For external use only.

Applications: Skin and hair care products, sun care & after-sun products, scalp treatments.

Country of Origin: USA

Raw material source: Seeds of the lupine plant

Manufacture: Hydrolyzed lupine protein is made by creating an alkaline lupine seed-meal solution and adding a blend of proteases to induce enzymatic hydrolyzation. After enzyme inactivation the solution is purified and filtered.

Animal Testing: Not animal tested

GMO: GMO free

Vegan: Does not contain animal-derived components