



FABSOY™-WSL

HYDROLYZED SOY PROTEIN NANOPEPTIDES-LIQUID

SOY-PROTEIN NANO-PEPTIDE ACTIVES FOR SKIN & HAIR CARE PRODUCTS

(Benefits of Nano-Peptides: High Biocompatibility/High Biological Activity & Enhanced Bio-functionality)

FABSOY™-WSL is a Soy protein nano peptides in a water soluble liquid form which is enzyme hydrolyzed. Due to its low molecular weight and the small size of the hydrolyzed Soy Nano Peptides, this has an excellent Bio-Absorption/Penetration property.

It is completely natural and has exceptional benefits for a wide range of personal care applications.

Dosage:

FABSOY™-WSL Can be added to formulas as is, add to water-phase of formula. Recommended use level: 4-5%.

Applications:

All kinds of Personal Care products like hair care including shampoos, hair conditioners, hair balms, hair pomades, hair colors and also skin care products including lotions and creams & Nail Care as well.

Key Benefits of Hydrolyzed Rice protein and peptide:

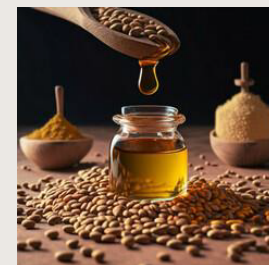
Hair Care:

- It's a natural alternative to traditional volumizing agents, which helps improve hair manageability, shine and volume.
- It is also an effective blend for strengthening, detangling, shine-enhancing and smoothing of hair



Skin care:

- Soya Amino Acids result when soy protein is completely enzyme hydrolyzed .
- When used in skin care products it increases the ability of the skin to hold moisture and provides a smoothing effect for minimizing roughness and wrinkles.
- Soy is an awesome source of Isoflavones. Protect the skin via antioxidants, Reduce inflammation Build collagen, Promote cellular repair & Smooth fine lines.



SPECIFICATION

PHYSICAL PARAMETERS	
Appearance	Clear Brown Liquid
Odour	No unpleasant odour
Protein % (In the form of Nano-Peptides)	Min 15 %
Water Insoluble Matter (%)	No visible impurities
Bio-Peptides -Molecular Weight (Range)	Up To 42KDA
pH	7 to 8
Solubility Index	Soluble in water
MICROBIAL PARAMETERS	
Aerobic Bacterial Count	Max 1000 cfu/g
Yeast & Mould Count	Max 50 cfu/g
Staphylococcus aureus	Not Detected
KEY AMINO ACID PROFILE	
	% CONTENT
Cystine	0.76-2.3
Histidine	1.27-2.3
Isoleucine	2.4-3.2
Leucine	4.01-5.1
Lysine	3.3-4.2
Methionine	0.67-0.90
Phenylalanine	2.6-3.5
Threonine	2.14-3.4
Tryptophan	0.72-1.3
Tyrosine	1.86-2.5
Valine	2.46-3.8

Note: The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

Packing, Shelf life & Storage conditions:

Shelf life 18 Months. Store in ambient conditions preferably Cool Dry place, away from heat & Sunlight. Packing – 5 Kgs HDPE Cans based on Nano-peptide active % of the product range type chosen.

**Also available in Powder form in 1kg Packs.
(Shelf Life of the Powder form : 36 Months).**

Our team of Scientists are focused & works with bold ingenuity to develop revolutionary Bio-Molecules with a vision to create a pool of such unique molecules that has a clear purpose to deliver specific functional benefits in Personal Care & Healthcare/Nutraceuticals category products.



INNOVATIVE BIOTECHNOLOGY FOR PERSONAL CARE & HEALTH CARE/NUTRITION

Plant Based Nanopeptides has been Researched, Developed & Manufactured using Patent Pending

No.: (202341036475) Process Technology

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