

ABIETOYL SOY POLYPEPTIDE

The key for purity



FOCUS INFO

INCI NAME

Potassium Abietoyl Hydrolyzed Soy Protein

SPECIFICATIONS

Appearance:	clear liquid
Color:	from yellow to amber
Odor:	characteristic
Dry residue (at 105°):	30 - 34%
pH:	6.5 - 8.0
Suggested dosage:	2% - 5%

COSMETIC APPLICATIONS

- Greasy skin and hair
- Sebonormalizing products
- Frequent cleansers

DESCRIPTION

Functional lipoproteic surfactant derived from abietic acid and hydrolyzed soy protein. Abietic acid derives from the resin of Canadian balsam and is able **to reduce the sebum film on the skin**, while soy's properties are widely known: it contains several functional substances, including proteins in large quantities (38-40%) and all the essential amino acids.

Abietoyl Soy Polypeptide shows high sebonormalizing properties, being able to reduce and above all **balance sebum production**: it gently but effectively cleanses skin and hair without being too aggressive or over-stripping the protective surface oils.

PROPERTIES

- Sebonormalizing
- Gentle cleansing
- Respects physiological structure



VEGETABLE ORIGIN

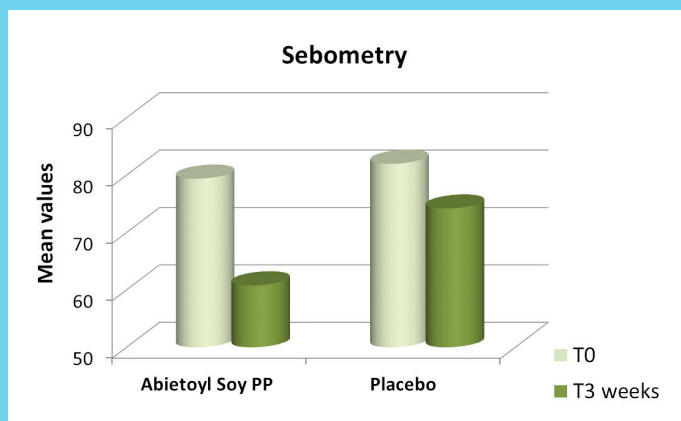


SAFE PROFILE

*Cosmos certification in process

EFFICACY TEST

Clinical test performed for 3 weeks on 20 subjects affected by seborrheic dermatitis, to evaluate the efficacy of a shampoo with Abietoyl Soy Polipeptide compared to a placebo.



RESULTS

The shampoo with Abietoyl Soy Polipeptide showed a significant decrease of sebometry (-23,5%), while it also appeared to be well tolerated by patients, who did not report changes in hair conditions after use.

PURIFYING SHAMPOO FOR GREASY HAIR LSIN 7115*

INGREDIENTS	PHASE	%w/w
Sodium Lauroyl Sarcosinate	A	12,00
Cocamidopropyl		25,00
ABIETOYL SOY POLYPEPTIDE (Potassium Abietoyl Hydrolyzed Soy Protein)		3,00
Vegequat (Cocodimonium Hydroxypropyl Hydrolyzed Wheat Protein)		2,00
Coco-Glucoside	A'	3,00
Lauryl Glucoside		3,00
Parfum		0,50
Aqua/Water	B	46,43
Sodium Benzoate		0,50
Potassium Sorbate		0,30
Tiolisina® Complex 30 (Lysine Carboxymethyl Cysteinate, Lysine Thiazolidine Carboxylate)	C	4,00
Citric Acid	D	0,27

CHARACTERISTICS

Aspect:	clear solution
Colour:	pale yellow
Odour:	characteristic
pH:	5.50 - 6.00
Brookfield viscosity	
SP 5 RPM 20:	0,980-1100 mPa.s

METHOD

Mix phase A, then mix phase B. Add B into A, then add phase C. Adjust pH with D.

*Formulation tested in Sinerga Research Centre according to stability and laboratory manufacturing procedures.