



## SCALP GENESIS ROOT ACTIVATING SERUM TN22019HC090

### Formulation Features:

Simple and easy process serum to helps on hair growth and reserving hair greying process. Impart cooling effect on scalp, refreshing and light feel touch without addition of cooling agent!

### Functional Ingredients:



#### Lecigel

- Gelling agent, cold process emulsifier
- Quick break and cooling effect

#### Fermentoil Camellia Seed

- Fermented oil with less surface tension, lighter feel
- Hair conditioning, natural emollient

### Active Ingredients:

#### Greyverse

- Reverse hair greying process

#### Defensescalp

- Scalp care, reduce dandruff flakes and sebum production



Appearance of finished formulation



### \*Suggested active ingredients:



1. **Skinhairgum** -Delay the transition to catagen phase, thus slowing down hair loss, boosts hair growth
2. **WK Pep®Pro hair(Biotinoyl Tripeptide 1)** - Promote the synthesis of adhesion proteins (laminin 5 and collagen IV) in the root sheath and dermal papilla, fix hair follicle as well as extend the anagen.
3. **Fermentoil Hair Complex**- Taming frizz hair, promoting shine and gloss, moisturizing

	Trade Name	INCI Name	%	Supplier	Function
A	1 DI Water	Water	86.85		Diluent
	2 IndiEO GLE-260A	Glycereth-26	3.00	Sina BT	Emollient, humectant
	3 1,3 Butylene Glycol	Butylene Glycol	2.00		Humectant
	4 4Na EDTA	Tetrasodium EDTA	0.05		Humectant
	5 Lecigel	Sodium Acrylates Copolymer (&) Lecithin	1.50	Lucas Meyer Cosmetics	Gelling agent, stabilizer,emulsifier
B	6 Fermentoil Camellia Seed	PseudozymaEpicola/Camellia Japonica Seed Oil Ferment Extract Filtrate	1.00	Labio	Hair conditioning, anti oxidant,moisturizing and natural emollient
C	7 Greyverse	Glycerin (and) Water (and) Palmitoyl Tetrapeptide-20	2.00	Lucas Meyer Cosmetics	Reverses hair greying process to progressively recover natural hair color for a younger and more confident look
	8 Defensescalp	Water (and) EpilobiumAngustifoliumFlower/Leaf/Stem Extract	1.00	Lucas Meyer Cosmetics	Rebalances the microbiota for a healthy scalp, decreases the sebum production on scalp and reduces the appearance of dandruff flakes after the first use.
	9 Capixyl	Water (and) Butylene Glycol (and) Dextran (and) Acetyl Tetrapeptide-3 (and) Trifolium Pratense (Clover) Flower Extract	2.00	Lucas Meyer Cosmetics	Clinically proven to helps stronger and thicker hair
	10 Troycare PE73	Phenoxyethanol, Ethylhexylglycerin	0.60	Troy	Preservative

### Procedure:

1. Mix part A and sprinkle in Lecigel while stir with high speed until fully dissolved and gel formed.
2. Add in B and mix until homogeneous.
3. Add in part C one by one and stir well.

### Product Properties @ 25°C:

Appearance : white flowable emulsion

Viscosity (RVT, sp 5, 20 rpm): 12000-20000cps

pH: 5.50-6.00

### Stability Test:

- Passed 3 months RT and 45C oven test
- Passed centrifuge test: 3000rpm, 20minutes

Remarks:

Troycare PE73:Phenoxyethanol(70%), Ethylhexylglycerin (30%)



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