


TITLE: HAIR SERUM
FORMULATION #BC-35-11

Ingredient	Product Type	Market Focus	Function	Skin Types	Method	Snap Shot
	Serum	All	Moisturization Repair	All	Cold Process	Hair serum that softens and adds shine to hair

Key Ingredients

Trade Name	INCI Name	Wt%
PHASE A		
Genuvisco CG-131 (CP Kelco)	Carrageenan	0.40
Keltrol CG (CP Kelco)	Xanthan Gum	0.80
Glycerin 99.5%	Glycerin	5.00
D-Panthenol 75W (BASF)	Panthenol	0.50
PHASE B		
Water	Aqua	QS
PHASE C		
Beracare ARS Hair System (Beraca)	Passiflora Edulis Seed Oil, Oriza Sativa Rice Bran Oil, Euterpe Oleracea Fruit Oil	2.00
Beracare BBA (Beraca)	Pentaclethra Macroloba Seed Oil	2.00
Lipofructyl Argan LS (BASF)	Argania Spinosa Kernel Oil	2.00
Fragrance	Fragrance	0.30
Coviox T-70 (BASF)	Tocopherol	0.20
Hydresia® SF2 (Botaneco)	Carthamus Tinctorius (Safflower) Oleosomes + Water	5.00
PHASE D		
Preservation		QS
Cropeptide W (Croda)	Hydrolyzed Wheat Protein, Hydrolyzed Wheat Starch	3.00
Dynagen (Ashland)	Water, Glycerin, Hydrolyzed Yeast Protein	1.00
Harispa (Croda)	Glycerin, Lactylol, Xylitol	2.00
Nutricert Hair (Solabia)	Water, Polymnia Sonchifolia Root Juice, Xanthan Gum, Citric Acid	5.00
Fucocert (Solabia)	Biosaccharide Gum-1	3.00

Procedure

1. Mix together Phase A and add under strong agitation into Phase B. Mix 30 minutes
2. Weight together Phase C and mix at 400 rpm for 30 minutes.
3. Add Phase C to Phase AB and homogenize 10 minutes at 2000 rpm
4. Add phase D mixing well between each addition
5. Remove the mention, continue cooling. Adjust the pH between 5.5 – 6.0

SPECIFICATIONS

Viscosity: Brookfield RVF #5 @20 rpm: 9600cps

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