Self Tanning Creamy Lotion

Benefits

- Stable self-tanning emulsion with excellent application properties
- EstoGel® Green provides even coverage for optimum DHA action

PHASE	RAW MATERIAL	%
A	Demineralized Water	55,60
A	EDTA	0,10
A	Euxyl® PE9010	1,00
B	Glycerin	8,00
B	Xanthan Gum	0,10
C	Sepinov™ EMT 10	0,40
D	EstoGel® Green	1,00
D	Caprylic/Capric Triglyceride	9,50
D	Cetearyl Alcohol	2,50
E	Cocos Nucifera (Coconut) Oil (and) Hydrogenated Coconut Oil	1,00
E	Montanov™ 68 MB	3,00
F	Demineralized Water	8,00
F	Dihydroxyacetone	4,00
G	Alcohol	5,00
G	Fragrance	0,50
H	Citric Acid (sol. 10%)	0,30

Process

- Add the ingredients of the phase A in the main beaker and homogenize
- Make a premix dispersing xanthan gum in glycerin
- Add the premix B to A and homogenize
- Add the C to A+B and stir until the gel is uniform
- Heat up A+B+C to 80°C under stirring
- Add the ingredients of the phase D in a secondary beakera and heat up to 80°C under stirring
- At 80°C, stir for 20 minutes
- Add the ingredients of the phase E to the phase D and homogenize
- Make the emulsion pouring the oily phase D+E in the aqueous phase A+B+C and stir vigorously for 15 minutes
- Cool to 35°C
- Make a premix solubilizing DHA in water
- Add the premix F in the emulsion and homogenize
- Add the PHASE G and homogenize
- Adjust the pH with the phase H (it must be between 3,5 and 4,5)