

TIME CONTROL HAIR LOTION

13.161.01 C139

- Claims:**
- Transparent hydro-alcoholic lotion
 - Global anti-aging treatment : hair loss & grey hair
 - Paraben free

PHASE	INGREDIENT	INCI NAME	SUPPLIER	%
A	Deionized Water	Water	-	72.943
	Sodium Phosphate	Sodium Phosphate	J.T Bakker	1.117
	Citric Acid	Citric Acid	Interchimie	0.715
B	Tinogard® Q	Tris (Tetramethylhydroxypiperidinol) Citrate (and) Water (and) Ethanol	BASF	0.025
	UCON™ 50-HB-3520	PPG-28-Buteth-35	DOW	0.50
	Mirasil® DMCO	PEG/PPG-22/24 Dimethicone	Bluestar	0.50
	Capixyl™	Butylene Glycol (and) Water (and) Dextran (and) Acetyl Tetrapeptide-3 (and) Trifolium Pratense (Clover) Flower Extract	Lucas Meyer Cosmetics	2.50
	Melitane™GL 200	Glycerin (and) Water (and) Dextran (and) Acetyl Hexapeptide-1	Lucas Meyer Cosmetics	1.00
	Ethanol	Alcohol	Cooper	20.0
C	Eumulgin® HPS	Coceth-7 (and) PPG-1 PEG-9 Lauryl Glycol Ether (and) PEG-40 Hydrogenated Castor Oil	BASF	0.60
	SG 33657	Fragrance	Sozio	0.10

Manufacturing Procedure: COLD PROCESS

1. Solubilize Sodium Phosphate in water. After complete solubilization, add citric acid.
2. One phase A is homogenous, introduce phase B ingredients one by one and homogenize after each ingredient addition.
3. Mixed the solubilizing agent with the fragrance and then slowly add premix to the mix (phase AB). The fragrance premix should be completely transparent before introducing it into the mix.
4. Adjust the pH if necessary.

Formula Specifications:

Aspect: Clear lotion
 Viscosity: Close to water
 pH: 5.5 - 5.7
 Pilot batch: 15 kg

Stability Tests: On lab batch up to 300 g
 Up to 1 month at 50°C
 Up to 3 months at: Room Temperature, 4-8°C and 45°C
 Centrifugation (3000 rpm, 20 min): Stable