POSTBIOTICS CUTICLE REPAIR MICELLAR SHAMPOO

TN02031HC208H

		Trade Name	INCI Name	%	Supplier	Function
A	1	DI Water	Water	25.37		Diluent
	2	Na Meta	Sodium Metabisulfite	0.10		Anti oxidant
	3	2 Na EDTA	Disodium EDTA	0.10		Chelating agent
	4	Amin LS30	Sodium Lauroyl Sarcosinate	25.00	TINCI	Mild surfactant
	5	TC-SHD	Cocamidopropyl Hydroxysultaine	25.00	TINCI	Amphoteric surfactant
	6	Techcare DG50-2	Decyl Glucoside	2.00	Technecture	Mild surfactant
B	7	Polyquta 3000	Polyquaternium 10	0.30	TINCI	Conditioning agent
	8	DI Water	Water	15.00		Diluent
C	9	DI Water	Water	3.00		Diluent
	10	Gluco DOE120	PEG-120 Methyl Glucose Dioleate	0.60	TINCI	Thickener
D	11	Polyquta 280	Polyquaternium 22	0.75	TINCI	Conditioning agent
	12	Troycare FE003	Iodopropynyl Butylcarbamate, Phenoxyethanol	0.60	Troy	Preservative
	13	SG-CG700	PEG-7 Glyceryl Cocoate	1.00	Nikko group	Emollient
	14	Haircle	Water, 1,3-Butylene Glycol, Streptococcus Thermophilus Ferment	1.00	Hyundai Bioland	A postbiotics improve damaged cuticle with 16 types amino acids and aims shiny hair
E	15	Citric acid	Citric Acid	0.18		pH adjuster

Procedure:

1. In main vessel, add in A1 to A6 one by one, stir until well incorporate.
2. Premix part B and stir until cleared before add into bulk.
3. Add part B into part A, stir well.
4. Heat part C separately to 55-60C until dissolved. Add into main vessel and stir well.
5. Add in part D one by one and stir until dissolved.
6. Adjust pH with E.

Product Properties @ 25°C:

Appearance : Clear liquid
Viscosity (RVT, sp 4, 20 rpm): 1500-2500cps
pH: 5.40-5.80

Stability Test:

- Passed 3 months RT and 45C oven test

Remarks:

***Suggested active ingredients:**

1. 5a-AVOCUTA – Regulates sebum production and combats scalp irritation
2. Scalpbiome- Scalp elasticity, exfoliation, Microbiome rebalancing

Formulation Features:

Mild & gentle formulation, offers a new type of hair cleansing experience that gently washes away dirt, grit, pollution, product build-up and excess oils.

Functional Ingredients:

Amin LS30

- Amino acid surfactant
- Good foaming and mildness

TC-SHD

- Amphoteric mild surfactant
- Viscosity builder

Active Ingredients:

Polyquta 3000

- Cationic conditioning, wet and dry combing

Polyquata 280

- Conditioning agent, works synergistically with PQ3000

Haicle

- Postbiotics improves damaged hair cuticle

Contact Us
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