



Anti-Pollution Purifying Shampoo (Sulfate-Free)

DESCRIPTION

This formulation features **Cola®Teric CBS-HP**, **Poly Suga®Nate 160P NC**, **Cola®Mate LA-40**, and **Cola®Lipid C**. This purifying shampoo deeply cleanses to free hair of product and pollutant buildup without over drying for more vibrant, healthy-looking hair.

FORMULATION

Order	INCI Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Cocamidopropyl Hydroxysultaine	Cola®Teric CBS-HP	20.00
3	Sodium Hydroxypropylsulfonate Laurylglucoside Crosspolymer	Poly Suga®Nate 160P NC	10.00
4	Disodium Lauryl Sulfosuccinate	Cola®Mate LA-40	8.00
5	Cocamidopropyl PG-Dimonium Chloride Phosphate	Cola®Lipid C	2.00
6	Fragrance	WS Apple Fragrance ¹	0.20
7	Sodium Benzoate and Potassium Sorbate	Microcare® SB ²	1.00
8	Citric Acid	Citric Acid	qs to pH

PROCEDURE

1. Combine ingredients 1 – 3 and heat to 45 – 50°C.
2. Add ingredient 4 and mix until completely dissolved.
3. Add ingredient 5 while cooling to 40°C.
4. Once below 40°C, add remaining ingredients.
5. Adjust to pH 5.0 – 5.5 with citric acid (viscosity is pH dependent).

TYPICAL PROPERTIES

Appearance Clear, Viscous Liquid
pH 5.0 – 5.5
Viscosity 5,000 – 10,000 cP

SUPPLIERS

¹Orchidia, ²Thor