



Reference Formula

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Conditioning Shampoo (With L3 1%+EC3 0.2%)

EP-HC-SO-0024A_V1

FORMULA

Phase	Ingredients (Trade Name)	Ingredients (INCI Name)	% By Weight
A	D.I Water	D.I Water	70.59%
	ESAFLOR EC3 (Lamberti)	Guar Hydroxypropyltrimonium Chloride	0.20%
	EDTA-4Na	Tetrasodium EDTA	0.05%
	CAPB (30%)	Cocamidopropyl Betaine	6.50%
B	SLES (70%)	Sodium Laureth Sulfate	16.00%
C	Cocamide DEA	Cocamide DEA	3.00%
D	STEPAN-MILD® L3 (Stepan)	Lauryl Lactyl Lactate	1.00%
E	Citric Acid (30% soln')	Citric Acid	0.66%
F	NaCl	Sodium Chloride	1.50%
G	Glydant Plus Liquid	DMDM Hydantoin (and) Iodopropynyl Butylcarbamate	0.30%
H	Rose (Lothar Streeck)	Perfume	0.20%

PROCEDURE

1. Mix the ingredients in Phase A and heat to 75°C till all ingredients melt.
2. Add Phase B-C to Phase A under agitation.
3. Then cool down to 40°C and add Phase D under agitation.
4. Adjust the pH around 5.5 with citric acid.
5. Adjust the viscosity with Phase F.
6. Add Phase G-H into (5).

SPECIFICATION

APPEARANCE	: Viscous Liquid
pH	: approx. 4.71 ± 0.5 (25°C)

Recommendations contained, herein this Reference Formula, are advisory only.

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