



Reference Formula

Sample preparation date: 2024/06/27

髮絲"溜"駐皂 Hair to Stay Shampoo Bar

M240627-1

Description: This shampoo bar is created to face the issues of environmental protection, sustainability and water saving. **Amphisol K** and **Pentavitin** are used in the formula to boost the foam and lock water in skin, while **D-Panthenol** and **Stimu-TEX® AS** are added to provide moisturizing and repairing properties. Finally, **Tilamar® Quat 640** conditions the hair and relieves post-wash dryness.

FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
O1	Stearic acid	Stearic acid	13.00	Structure
	CETYL-STEARYL ALCOHOL (FAL1618) (30/70) ¹⁴	Cetearyl Alcohol	10.00	Structure
	ORGANIC BAOBAB OIL COLD PRESS ²⁵	ADANSONIA DIGITATA SEED OIL	2.00	Emollient
	Amphisol K ²	Potassium Cetyl Phosphate	0.50	Foam-Booster
W1	STEPANOL® DCFAS-P ¹³	STEPANOL® DCFAS-P Sodium Coco Fatty Alcohol Sulfate	37.00	Surfactant
	Sodium Cocoyl Isethionate 78% (SCI 78-P)	Sodium Cocoyl Isethionate, coconut acid	25.00	Surfactant
	Ammonyx® LMDO ¹³	Lauryl/Myristyl Amidopropyl Amine Oxide	9.00	Surfactant
	Tilamar® Quat 640 ²	Polyquaternium-6	1.00	Conditioning agent
	Dye	Dye	Q.S	Dye
A	Pentavitin ²	Saccharide Isomerate, Aqua, Citric Acid, Sodium Citrate	1.00	Active
	D-Panthenol ²	Panthenol	0.50	Active

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

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Stimu-TEX® AS²	Spent Grain Wax, Argania Spinosa Kernel Oil, Butyrospermum Parkii (Shea) Butter Extract, Tocopherol	0.30	Active
B Parfum	Parfum	Q.S	Parfum

Supplier: 2.DSM; 13.Steapan; 14.Erca Wilmar; 25.SHARON

PROCEDURE

1. Prepare phase O1 and phase W1 under 70-80°C. Make sure that the dye in phase W1 is well adhered to the ingredients.
2. Pour phase W1 to O1 and mix well.
3. Add phase A and B one by one. Be careful not to overheat.
4. Pour the liquid to the molds and cool down.

SPECIFICATION

APPEARANCE : Solid

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