

Model Recipe

Anti Hair Breakage Shampoo

Recipe Number: HB-DE-06-044-08

Phase	Component	INCI	%	Function
I.	Jaguar C 14 S	Guar Hydroxypropyltrimonium Chloride	0.20	Conditioning agent
	Aqua dem.		73.70	
II.	TEXAPON [®] N 70	Sodium Laureth Sulfate	14.30	Surfactant
	DEHYTON [®] PK 45	Cocamidopropyl Betaine	5.40	Surfactant
	LAMESOFT [®] Care	PEG-4 Distearyl Ether (and) Sodium Laureth Sulfate (and) Distearyl Ether (and) Dicaprylyl Ether	4.00	Care Ingredient
	GLUADIN [®] WLM	Hydrolyzed Wheat Protein	0.50	Active
	DEHYDOL [®] LS 2 DEO N	Laureth-2	1.00	Thickener
	Preservative	Guar Hydroxypropyltrimonium Chloride	q.s.	Preservative
	Fragrance		q.s.	
III.	Citric Acid 50%	Citric Acid	q.s.	pH adjuster
IV.	Sodium Chloride*	Sodium Chloride	0.90	Viscosity adjuster
	pH (as is)	5,5		
	Viscosity [mPas] Brookfield RVT at 23°C (Spindel RVT 4 and 10rpm)	approx. 8000 mPas		
	Appearance	White slightly pearlescent shampoo		
Preparations in the laboratory				
Mix phase I until homogeneous. Add the ingredients of phase II in the order as shown. Adjust the pH value by adding phase III. Adjust the viscosity by adding phase IV.				
* variable amount for viscosity adjustment				

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