

Formulation Example

USA-A100-7-21-2 Formulation Example

Damaged Hair Repair Conditioner with Lipcuat-25

Ingredients	Art. No.	INCI (EU)	[%]
A			
Incroquat CTC-30-LQ-(MH)		(2) WATER (AND) CETRIMONIUM CHLORIDE	5.50
Water, demineralized		WATER	ad 100
B			
Crodacol CS-65-PA-(MH)		(2) CETEARYL ALCOHOL	5.50
C			
Ronacare® Bisabolol nat.	1.30170	(1) BISABOLOL	1.0
Lipcuat-25™		(1) WATER (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) ARGANIA SPINOSA KERNEL OIL (AND) PASSIFLORA EDULIS SEED OIL (AND) PANTHENOL (AND) TOCOPHERYL ACETATE	1.0
Lincoserve™ WpH-LO		(3) PENTYLENE GLYCOL (AND) PROPANEDIOL (AND)CAPRYLYL GLYCOL (AND) ETHYLHEXYLGLYCERIN	1.50
D			
Citric acid 30% Solution		(1) WATER (AND) CITRIC ACID	q.s.

Procedure

Combine phase A and start heating to 75-80°C. When temp. at 60°C, add phase B. Maintain temp. at 75-80°C until dissolve or uniform, then start cooling. Add phase C when temp. at 40°C. Adjust pH to 3.9-4.5 with phase D.

Notes

Appearance: Soft White Cream

pH Value: 4,4

Viscosity: 30,000 cps (Brookfield Viscometer, helipath, TD at 10 rpm)

Suppliers

(1) Merck KGaA, Darmstadt, Germany / EMD Performance Materials

(2) Croda

(3) Lincoln MFG-USA

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