



Jelly_Juice 16-23.05

Natural gel-cream with a watery touch and super saturated protection for a fresh glow



	INGREDIENT	INCI NAME	SUPPLIER	FUNCTION	%
A	Deionized Water	Water	-	Solvent	81.89
	Nipaguard® SCA	Sorbitan Caprylate (and) Benzyl Alcohol	-	Preservative system	2.00
	Potassium Sorbate	Potassium Sorbate	Interchimie	Preservative system	0.10
	Glycerin Codex	Glycerin	Univar	Humectant	5.00
B	Ecogel™	Lysolecithin (and) Sclerotium Gum (and) Xanthan Gum (and) Pullulan	Lucas Meyer Cosmetics by Clariant	Emulsi-gelling agent	2.00
C	Sun E 1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	AOM	Antioxidant	0.06
	Olive Oil	Olea Europaea (Olive) Fruit Oil	IES Labo	Emollient	2.00
	Beraca™ Tucuma Butter Ref	Astrocaryum Vulgare Kernel Oil	Lucas Meyer Cosmetics by Clariant	Emollient	3.00
	Myritol® 318	Caprylic/Capric Triglyceride	BASF	Emollient	2.00
	Lanette® 16	Cetyl Alcohol	BASF	Thickener	0.75
	DUB® OE HP	Ethyl Oleate	Stearinerie Dubois	Emollient	1.00
D	SO061971	Fragrance	Sozio	Fragrance	0.20

Manufacturing Procedure:

- 1.Prepare phase A
- 2.Heat phases A and C at 75°C.
- 3.Add B into A under medium stirring and increase to the maximum for 5 min (rotor stator homogenizer).
- 4.Add C into AB under maximum stirring during 5 min (rotor stator homogenizer).
5. Cool down the formula below 40°C.
6. Add D under medium stirring.

Formula Specifications at D1:

Aspect: Off-white gel cream
 Viscosity (Brookfield LV, spindle 3, 6 rpm, 1 min): 8 000 - 14000 Cp
 pH: 6,0 - 7,0
 Preservative efficacy test: Pass
 Pilot batch: 30 kg

Stability Tests: On lab batch up to 3 kg

1 month at 50°C
 3 months at: Room Temperature, UV, 4-8°C and 45°C
 Freeze thaw cycles (24h at -18°C and 24h at 45°C – 3 cycles)
 D1 Centrifugation (3000 rpm, 20 min)
 D1 Vibrating table (400 rpm, 4h)

FORMULATION FEATURES

- Jelly-watery pick-up
- Fresh-creamy glide
- Light-soft after-feel

FUNCTIONAL INGREDIENTS

Ecogel™ (2%) – Natural emulsi-gelling agent

- Helps boosting stability
- Jelly and watery touch
- Fresh and soft skin feel

Beraca™ Tucuma Butter ref (3%) – Senso-butter

- Promotes dry and non-greasy touch to the skin
- 100% natural alternative to silicone feel

RICHNESS



APPLICATION



PROCESS



NOI (ISO16128)

98.1%

