

NATURAL HEALTHY LOW POO

18.101.02B C204

- Claims:**
- Easy-to-apply & easy-to-rinse cleansing cream
 - Manageable hair
 - Gentle cleansing action
 - Cosmos registered ingredients = 97.3%
 - Natural origin ingredients according to ISO 16128 = 95.2%**

PHASE	INGREDIENT	INCI NAME	SUPPLIER	%
A	Deionized Water Dermofeel® PA-3	Water	-	57.10
		Sodium Phytate (and) Water (and) Alcohol	Dr Straetmans	0.10
B	Ecogel™	Lysolecithin (and) Sclerotium Gum (and) Xanthan Gum (and) Pullulan	Lucas Meyer Cosmetics	2.00
C	Heliofeel™ Lanette® O Lipex CocoaSoft™ Marula Oil Organic Dermofeel® Sensolv	Glyceryl Stearate Citrate (and) Polyglyceryl-3 Stearate (and) Hydrogenated Lecithin	Lucas Meyer Cosmetics	1.00
		Cetearyl Alcohol	BASF	3.00
		Theobroma Cacao (Cocoa) Seed Butter	AAK	2.00
		Sclerocarya Birrea Seed Oil	Prod'hyg	2.00
		Isoamyl Laurate	Dr Straetmans	6.00
D	Vitapherole® E-1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	VitaeNaturals	0.10
E	Dehyton® AB 30	Coco-Betaine	BASF	20.00
F	Dermosoft® 1388 Eco	Glycerin (and) Water (and) Sodium Levulinate (and) Sodium Anisate	Dr Straetmans	3.00
G	Mountain Harvest™ AF Greyverse™ Defenscalp™ 7185353	Glycerin (and) Water (and) Anetholea Anisata Leaf Extract (and) Tasmannia Lanceolata Leaf Extract (and) Hibiscus Sabdariffa Flower Extract	Southern Cross Botanicals*	1.00
		Glycerin (and) Water (and) Palmitoyl Tetrapeptide-20 Amide	Lucas Meyer Cosmetics	1.00
		Water (and) Epilobium Angustifolium Flower/Leaf/Stem Extract	Lucas Meyer Cosmetics	1.50
		Fragrance	IFF	0.20

Manufacturing Procedure:

1. Heat A and C up to 75°C.
2. Add B into A and develop the gel during 20 minutes.
3. Add C and D just before emulsifying into AB under medium stirring, increase stirring rate up to the maximum during 3 minutes to emulsify.
4. Add E just after the emulsion under slow stirring.
5. Cool down under medium stirring below 40°C.
6. Add F and adjust the pH at 5.3 with citric acid.
7. Add G one by one.
8. Check the pH.

Formula Specifications:

Aspect: Beige fluid
 Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): 10 000 - 20 000 cP
 pH: 5.0 - 5.4
 Preservative efficacy test: Pass
 Pilot batch: 31 kg

Stability Tests: On lab batch up to 3 kg
 Up to 1 month at 50°C
 Up to 3 months at: Room Temperature, 4-8°C and 45°C
 Freeze thaw cycles (24h at 4°C and 24h at 45°C) - 2 weeks
 Centrifugation (3000 rpm, 20 min): Stable
 Vibrating table (400 rpm, 4h): Stable

- * A Lucas Meyer Cosmetics company
- ** Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128.
The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations