









Formulation sheet

Zemea® moisturizing body lotion with Trealix®

Phase	Trade/drug name	INCI name	Supplier	Wt.%
А	Deionized water	Aqua	_	74.45%
A ₁	Keltrol SFT	Xanthan gum	CP Kelco	0.20%
A ₂	Zemea® propanediol	Propanediol	CovationBio PDO	3.00%
	Dermofeel® PA-3	Sodium phytate	Dr. Straetmans	0.10%
	Dermosoft® Octiol	Caprylyl glycol	Dr. Straetmans	0.70%
В	Phytocream® 2000	Potassium palmitoyl hydrolyzed wheat protein, glyceryl stearate, cetearyl alcohol	Sinerga	5.00%
	Sunflower seed oil	Helianthus annuus seed oil	Henry Lamotte	4.00%
	Palmester® 3585	Caprylic/capric triglyceride	KLK Oleo	8.00%
	Dermofeel® Toco 70	Tocopherol, helianthus annuus seed oil	Dr. Straetmans	0.05%
B ₁	XIAMETER® PMX-0345	Cyclohexasiloxane, cyclopentasiloxane	Dow Corning	2.00%
С	Trealix [®]	Trehalose, hydrolyzed vegetable protein	Sinerga	2.00%
	Geogard 221	Dehydroacetic acid, benzyl alcohol, water	Lonza	0.30%
	Parfum Orange Ingwer Natura Öko 0705-072	Parfum, limonene, linalool, citral, coumarin	Düllberg	0.20%
	Total			100.00%

Prototype formulation provided by: Biesterfeld Spezialchemie GmBH., Zagreb, Croatia

Procedure

- Heat phase A up to 75°C. Dissolve Keltrol (phase A1) completely.
- 2. Add components of phase A2 and dissolve.
- 3. Heat phase B to 75°C and add phase B1 before emulsifying.
- 4. Emulsify phase B to phase A under stirring. Homogenize for 1 2 minutes.
- Cool down to room temperature under stirring. Add parts of phase C below 40°C.

Product features

- 1. Appearance: white emulsion pH: 5.0 6.0
- 2. Viscosity: ~ 20.000 mPas (Brookfield DV-II: spindle 6, speed 10)
- 3. Storage stability: 3 months at RT, 40°C, 4°C

COVATION BIO PDO

For additional information or samples, please contact <u>Customer Service</u>.

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