

NATURAL ASTAXANTHIN



The **strongest** natural antioxidant your skin should know

ASTACOS® BODY ASTAXANTHIN CARE BDI10-3-1117, AstaCos® OL50				
Phase	Ingredient	INCI (EU)	Supplier	%
A	Deionised Water	Aqua		71.15
	Keltrol CG-SFT	Xanthan Gum	CP Kelco	0.05
	dermosoft® Pentiol eco	Pentylene Glycol	Evonik Industries	4.00
	Amisoft HS-11P(F)	Sodium Stearoyl Glutamate	Ajinomoto	0.30
B	dermofeel® GSC	Glyceryl Stearate Citrate	Evonik Industries	3.00
	dermosoft® GMCY	Glyceryl Caprylate	Evonik Industries	0.50
	Lanette 16	Cetyl Alcohol	BASF	3.00
	Eutanol G	Octyldodecanol	BASF	6.00
	dermofeel® TC-7	Triheptanoin	Evonik Industries	6.00
	Sheabutter, refined	Butyrospermum Parkii Butter	Henry Lamotte	5.00
C	AstaCos® OL50	Simmondsia Chinensis Seed Oil, Haematococcus Pluvialis Extract, Tocopherol, Helianthus Annuus Seed Oil	BDI-BioLife Science GmbH	0.05
	Mandarin Oil Red	Citrus Reticulata Peel Oil, Limonene	Wadi	0.50
				100.00

Manufacturing procedure:

1. Solve components of phase A in sequence while stirring until clear (t = 70° to 75°C).
2. Heat up elements of phase B to 70°C and solve until clear.
3. Add components of phase B to those of Phase A while stirring.
4. Add components of phase C around 35-40°C while stirring. Homogenise gently.
5. Cool down to room temperature.

Specification values:

- Appearance: orange emulsion
- pH-value: 5.5 to 6.5
- Viscosity (Brookfield: RV6:Speed 10): 7,000 to 18,000 mPas
- Centrifugation (4,000 rpm, 15 minutes): no separation
- Stability: more than 6 weeks stable at 20°C, 40°C and 4°C

Description:

This unique formulation is designed to restore and preserve healthy skin, e.g., after cleansing. Provides moisturisation, elasticity and best spreadability to skin with refreshing effect when applied. Natural AstaCos® supplies the skin with the “King of Carotenoids” – the famous astaxanthin. In this application it is used as natural colourant, strong antioxidant and eliminator of free radicals.