

# NATURAL ASTAXANTHIN



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

ASTACOS® FACE ASTAXANTHIN HYDRATE BDI21/2.014, AstaCos® OL50				
Phase	Ingredient	INCI (EU)	Supplier	%
A	Water	Aqua		86.08
	Propanediol natural	Propanediol	diverse	3.20
	Cosphaderm® Sodium LAAS	Sodium Levulinate, Sodium Anisate	Cosphatec GmbH	1.00
B	Glycerin	Glycerin	AOT	5.00
	Keltrol® V	Xanthan Gum	CP Kelco GmbH	0.60
	GENUVISCO® Carrageenan CG-131	Carragennan	CP Kelco GmbH	0.20
C	AstaCos® OL50	Simmondsia Chinensis Seed Oil, Haematococcus Pluvialis Extract, Tocopherol, Helianthus Annuus Seed Oil	BDI-BioLife Science GmbH	0.10
	Tego® Solve 61MB	Polyglyceryl-6 Caprylate, Polyglyceryl-3 Cocoate, Polyglyceryl-4 Caprate, Polyglyceryl-6 Ricinoleate	Evonik Industries	1.50
	StoppOx® Lipid	Tocopherol, Helianthus Annuus Seed Oil, Humulus Lupulus Extract, Rosmarinus Officinalis Leaf Extract	GloryActives GmbH	0.40
		Parfum	H. Reynaud & Fils Matières Premières Aromatiques GmbH	0.02
D	Citric Acid Solution 10%	Aqua, Citric Acid	diverse	1.90
				100.00

#### Manufacturing procedure:

1. Mix elements of phase A.
2. Mix elements of phase B.
3. Mix elements of phase C. Add phase A to phase C and stir well.
4. Add phase B and and disperse for 2 minutes.
5. Adjust pH-value by adding phase D.

#### Specification values:

- Appearance: orange gel-serum
- Stability: more than 3 months stable at 40°C
- pH-value: 4.9 - 5.1

#### Description:

AstaCos® Face Astaxanthin Hydrate with natural astaxanthin protects the skin from free radicals and supports biological cell protection. This formulation is complete hydrophilic and is manufactured by cold production. The gel-serum is a way to create a clear soluble application. Supported by a natural solubiliser, the oil soluble ingredient AstaCos® OL50 is diluted in the water phase.

AstaCos® OL50 is used as the only active ingredient to indicate that the positive effects are related to the red diamond amongst antioxidants.