

3_E061_0419

DeTox-Serum

Claims:

Reduces oxygen cell stress
Improves cell viability
Enhance cell proliferation
Regenerates the skin
Anti-inflammatory
Antibacterial
Moisturizing

Phase	Ingredient (our mat. no. in brackets)	INCI	Supplier	Dosage [%]
A	Deionised Water	Aqua	/	25,00
	Glycerin 99,8% DAB	Glycerin	Gustav Heess	1,00
	Hydrolite® 5	Pentylene Glycol	Symrise	2,50
	Dipotassium Glycyrrhizinate (7196)	Dipotassium Glycyrrhizate	Selco	0,50
B	Deionised Water	Aqua	/	62,25
	Glycerin 99,8% DAB	Glycerin	Gustav Heess	1,00
	Hyaluronic Acid Na-Salt (3010)	Sodium Hyaluronate	GfN	0,80
C	Omega-CHS Activator F (3008)	Aqua, Panthenol, Glycine, Glycerin, PEG-400, Mannitol, Tromethamine, Glutamic Acid, Arginine HCL, Alanine, Aspartic Acid, Lysine Hydrochloride, Leucine, Valine, Citric Acid, Isopropyl Alcohol, Sodium Lactate, Sorbitol, Glucose, Phenylalanine, Isoleucine, Tyrosine, Histidine Hydrochloride, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	GfN	2,00
D	Hydrolite® 5	Pentylene Glycol	Symrise	2,50
	Mangosteen	Mangostin	material removed from the program	0,25
	Symbio® Solv clear plus	Caprylyl/Capryl Glycoside, Aqua, Sodium Cocoyl Glutamate, Glyceryl Caprylate, Polyglyceryl-6 Oleate, Citric Acid, Citrus Limon Peel Oil	Evonik/ Dr. Straetmans	2,00
	Perfume Orange Mint E 1423836	Parfum	Mane	0,20
				100,00

Production Process:

1. Premix phase A at room temperature under stirring (paddle-mixer) until you get a clear solution.
2. Dissolve Hyaluronic Acid Na-Salt in Glycerin and add slowly water under stirring (paddle-mixer) until you get a clear solution.
3. Add phase B to phase A under stirring for ~ 15 minutes (paddle-mixer).
4. Add phase C to phase A/B under stirring for ~10 minutes (paddle-mixer).
5. Phase D: Dissolve Mangosteen in Pentylene Glycol and heat up to 50°C under stirring (paddle-mixer).
6. Add Symbio® Solv clear plus and perfume under stirring until you get a clear solution.
7. Add phase D to phase A/B/C under stirring for ~10 minutes (paddle-mixer).
8. Adjust pH ~ 6,0 with citric acid if necessary and cool down to room temperature under stirring (paddle-mixer).

Specification Values:

Appearance: yellowish, opaque, viscous fluid
pH-value: ~ 6,0
Viscosity: ~ 6.000 mPas, spindle R5, 20 rpm, 20°C
Centrifugation: (4.000 rpm, 15 minutes) no separation
Stability: 1 months stable at RT, 5°C, 40°C
Microbiology: proven

Disclaimer:

We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any ghts of third parties. Our information and advice do not relieve our customers of their own responsibility for checking suitability of our products for the envisaged purpose.