

183_E060_4101

It's my Day! Protectice Hya Gel

Claims:

Acts as an antioxidant
Helps to maintain skin youth
Protects the skin from environmental damages
Reduces inflammations
Prevents wrinkle formation and loss of elasticity
Promotes cell regeneration and cell repair
Strengthens the skin barrier
Improves skin hydration and reduces TEWL
Improves skin smoothness and skin feel

Phase	Ingredient (our mat. no. in brackets)	INCI	Supplier	Dosage [%]
A	Deionised water	Aqua	/	80,65
	Superoxide Dismutase (7359)	Superoxide Dismutase	Selco	1,00
A1	Deionised water	Aqua	/	10,00
	Trans Epidermal Growth Factor (T-EGF) (7380)	sr-(Hexapeptide-40 Oligopeptide-232 sh-Oligopeptide-1)	Selco	0,001
B	Glycerin 99,5% (GMO-free)	Pentylene Glycol	Symrise	5,00
	Hydrolite® 5	Glycerin	Gustav Heesse	3,00
	Hyaluronic Acid Na-Salt MIX 7 (3090)	Sodium Hyluronate, Hydrlyzed Sodium Hyaluronate	GfN	5,00
C	Keltrol® CG-BT	Xanthan Gum	Rahn AG	0,10
D	Citric Acid Solution (10% in water)	Aqua, Citric Acid	/	q.s.
				100,00

Production Process:

1. Phase A: dissolve Superoxide Dismutase in water at room temperature under stirring (paddle-mixer).
2. Phase A1: dissolve T-EGF in water under stirring and add to phase A at room temperature under stirring (paddle-mixer).
3. Phase B: dissolve Hyaluronic Acid -Na-Salt MIX 7 in Glycerin and Hydrolite® 5 at room temperature (paddle mixer).
4. Add pahse A/A1 to pahse B at room temperature under stirring (paddle-mixer).
5. Add phase C with an Ultra-TURRAX® (~4.000 rpm) under stirring until you get a smooth texture.
6. Adjust pH ~ 6.5 with citric acid solution (10%) if necessary.

Specification Values:

Appearance: clear to slightly opaque gel
pH-value: 5,5 - 6,5
Centrifugation: (4.00 rpm, 15 minutes) no separation
Stability: 3 months stable at RT, 5°C and 30°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 rights 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.