

## 110\_E060\_2303 Dermatological Cream Gel (18-β-Glycyrrh.Acid)

### Claims:

Repairs skin barrier  
very strong anti-irritant (reduction of IL-6)  
cortisone replacement  
Itch soothing  
Hydration

Phase	Ingredient (our mat.no in brackets)	INCI	Supplier	Dosage [%]
A	Deionised Water	Aqua	/	71,096
	Glycerin 99,8% DAB	Glycerin	Gustav Heess	5,00
	<b>Konjac Mannan gel powder (2034)</b>	<b>Glucomannan or Amorphophallus Konjac Root Extract</b>	<b>GfN</b>	0,70
	Genuvisco® carrageenan CG-131	Chondrus Crispus	CP Kelco	0,10
	Amisoft® HS-11P	Sodium Stearoyl Glutamate	Rahn AG	0,20
	<b>18-β-Glycyrrhetic Acid (7212)</b>	<b>Glycyrrhetic Acid</b>	<b>Selco</b>	<b>0,50</b>
B	Avocado Oil, raf. DAC	Persea Gratissima Oil	Henry LaMotte	10,00
	Tego®Alkanol 1618	Cetearyl Alcohol	Evonik	2,00
	<b>Phytosterol Complex 95% (7265)</b>	<b>Glycine Soja Sterols</b>	<b>Selco</b>	<b>1,50</b>
C	Phenoxyethanol	Phenoxyethanol	IMCD Deutschland GmbH	0,904
D	<b>Atecoron Plus® PHE 1.2</b>	<b>Aqua, Glycerin, Sodium Hyaluronate, Atelocollagen</b>	<b>GfN</b>	<b>8,00</b>
	Citric Acid (20% solution in water)	Aqua, Citric Acid	Merck	q.s.
				100,00

### Production Process:

1. Disperse Konjac Mannan gel powder and Genuvisco carrageenan CG-31 in Glycerin and add slowly water and mix well. Heat phase A up to 70°C.
2. During heating premix phase B and heat up to 70°C.
3. Add phase B to phase A and homogenize with an Ultra-TURRAX® (~10.000 rpm, ~1 minute) until you get a smooth texture.
3. Add phase C to phase A/B with an Ultra-TURRAX® (~10.000 rpm, ~1 minute) until you get a smooth texture.
4. Cool down under stirring (paddle-mixer).
5. Add phase D below 35°C and homogenize with an Ultra-TURRAX® until you get a smooth texture.
6. Adjust pH ~6,5 with citric acid solution if necessary and cool down to room temperature under stirring (paddle-mixer).

### Specification Values:

Appearance: white, brilliant cream gel  
pH-value: 5,5 - 6,5  
Viscosity: ~20.000 mPas, spindle R5, 20 rpm, 20°C  
Centrifugation: (4.000 rpm, 15 min.): no separation  
Stability: 6 months stable at RT, 5°C, 30°C  
Microbiology: proven

### Disclaimer :

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