



Body lotion

with TayaGel® HA

Phase	Ingredients	INCI	Supplier	Quantity
A	Water demin.	Aqua		Qs to 100 %
	ERYLITE® Personal Care Grade	Erythritol	Jungbunzlauer	3.00 %
A1	TayaGel® HA	Gellan Gum	Jungbunzlauer	0.10 %
B	TEGO® Care PBS 6	Polyglyceryl-6 Stearate, Polyglyceryl-6 Behenate	Evonik	2.50 %
	Sunflower Oil	Sunflower Seed Oil		5.00 %
	Joboba Oil	Simmondsia Chinensis Seed Oil		3.00 %
C	Preservative			Qs
D	Citric Acid Anhydrous	Citric Acid	Jungbunzlauer	Qs

Directions

- 1 Heat phase A to 85 °C (185 °F)
- 2 Add phase A1 to phase A whilst stirring until gellan gum is completely dissolved
- 3 Heat phase B to 75 °C (167 °F)
- 4 Slowly emulsify phase B into phase A whilst stirring
- 5 Homogenise for 2 min by using an Ultra Turrax®
- 6 Cool down to 35 °C (95 °F) and add phase C whilst stirring
- 7 Set pH value with phase D

Technical Data

Appearance: white to slightly yellow lotion

pH value: 5.5

Visosity (rotational rheometer with geometry C35/2° Ti L, 1 s⁻¹, 21 °C): 3.1 Pa·s

Stability

Stable for at least 3 months at RT, 5 °C (41 °F) and 40 °C (104 °F)



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The information contained herein is meant to demonstrate how our products can be used. This formulation has been subjected to limited stability tests and has been shown to perform well. The given data are suggestions without any guarantee aimed to support customers' development.